

Analyse données *Chelonia mydas* de Guadeloupe

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1 Lit et formate la base de données

La base de données des activités sur la plage est un mélange de données de comptages de montées (traces), d'observation de femelles nidifiant et d'observations anecdotiques.

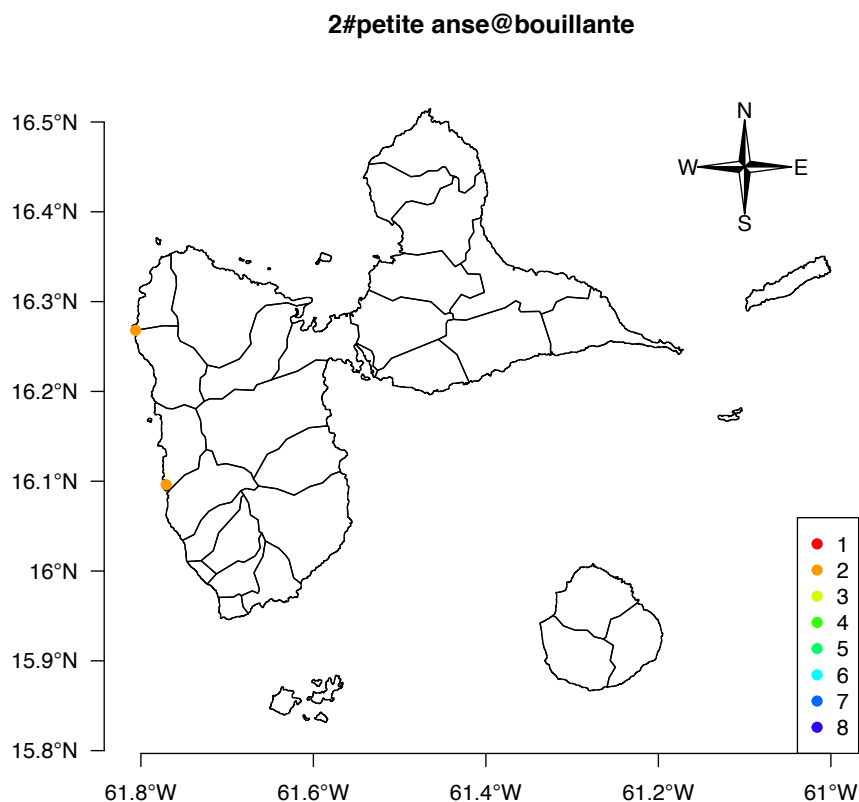
La difficulté de ce jeu de données est qu'il est très hétérogène à la fois en qualité et en quantité.

Par exemple, on notera que les noms d'espèces, de communes ou de plages ne sont pas homogènes dans la base de données.

2 Lecture de la base de données des plages

Les coordonnées GPS des plages sont dans une base séparée.

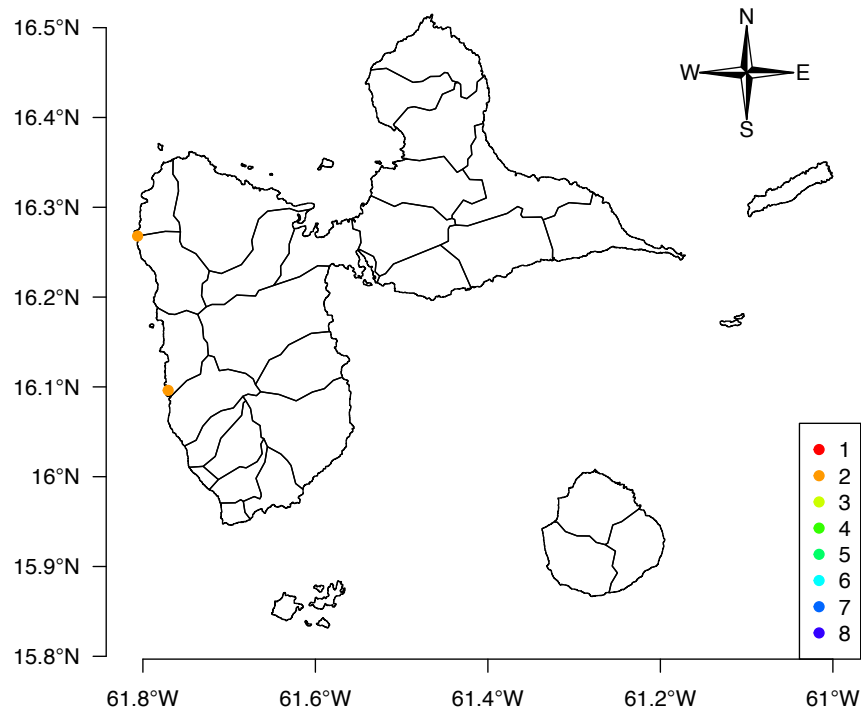
Il existe des plages de même nom qui sont sur le même secteur, mais à des positions différentes. Il est impossible de distinguer les données provenant de ces entités distinctes. Toutes les données de ces plages sont supprimées du jeu de données.



```
## [1] "2#petite anse@bouillante exists more than once"
## [1] "      25: secteur 2  Petite Anse"
```

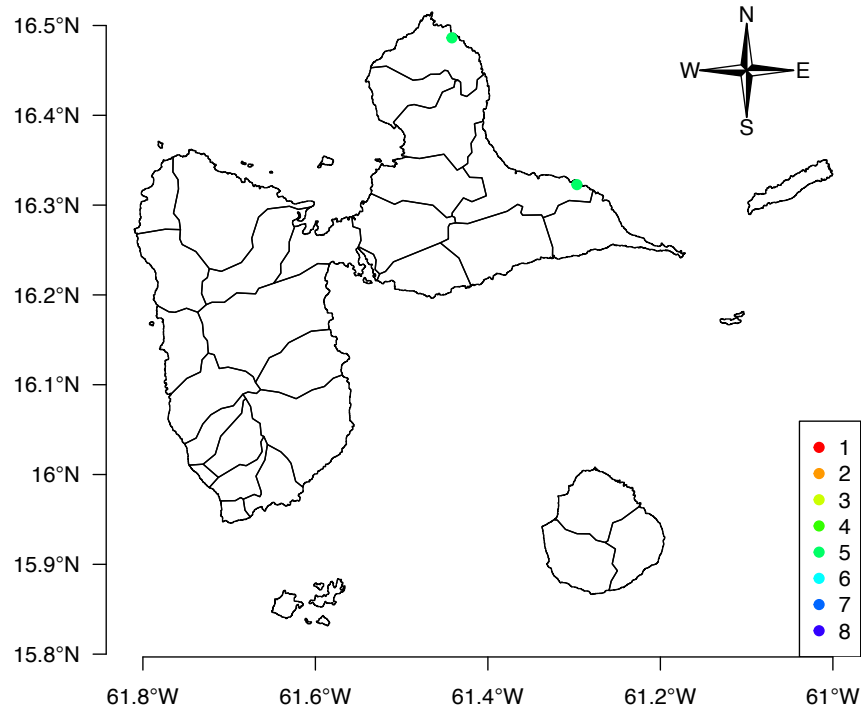
```
## [1] "      31: secteur 2  Petite Anse"
```

2#petite anse@deshaies



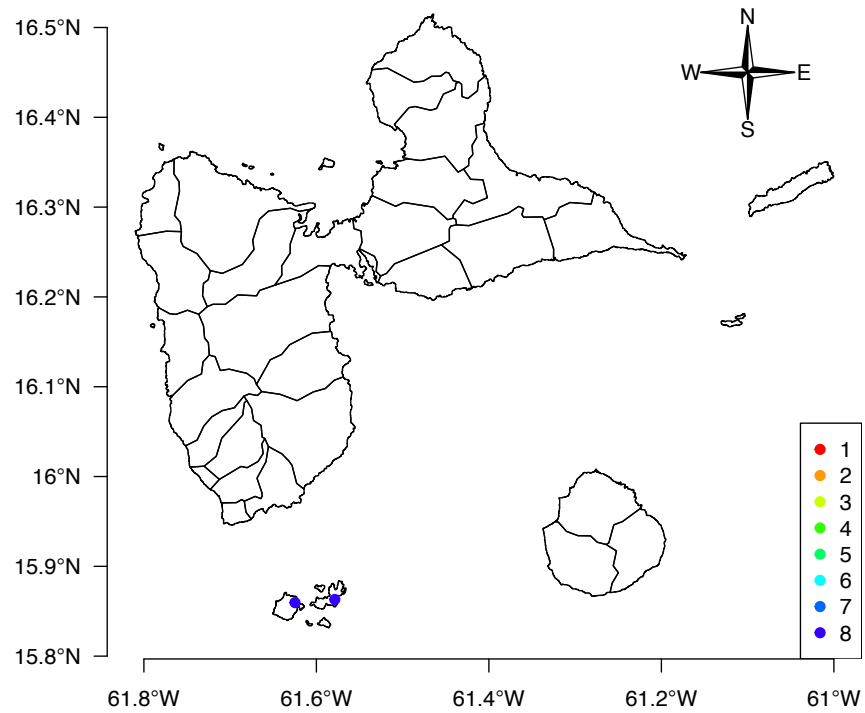
```
## [1] "2#petite anse@deshaies exists more than once"
## [1] "      25: secteur 2  Petite Anse"
## [1] "      31: secteur 2  Petite Anse"
```


5#porte d'enfer@le moule



```
## [1] "5#porte d'enfer@le moule exists more than once"
## [1] "      107: secteur 5   Porte d'enfer"
## [1] "      113: secteur 5   Porte d'Enfer"
```

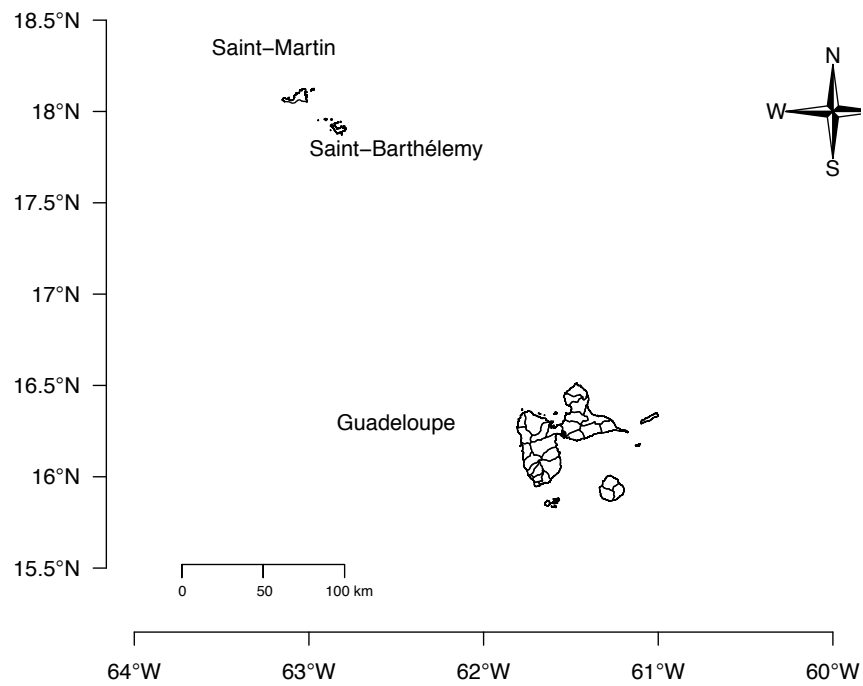
8#grande anse@les saintes (tdh)



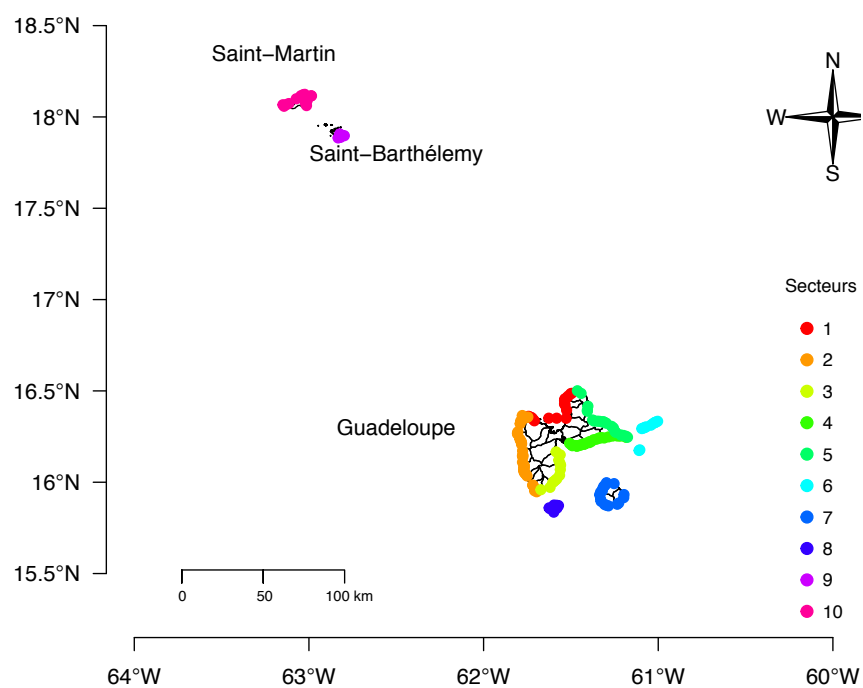
```
## [1] "8#grande anse@les saintes (tdh) exists more than once"
## [1] "      157: secteur 8   Grande Anse"
## [1] "      166: secteur 8   Grande Anse"
```

3 Affichage des cartes

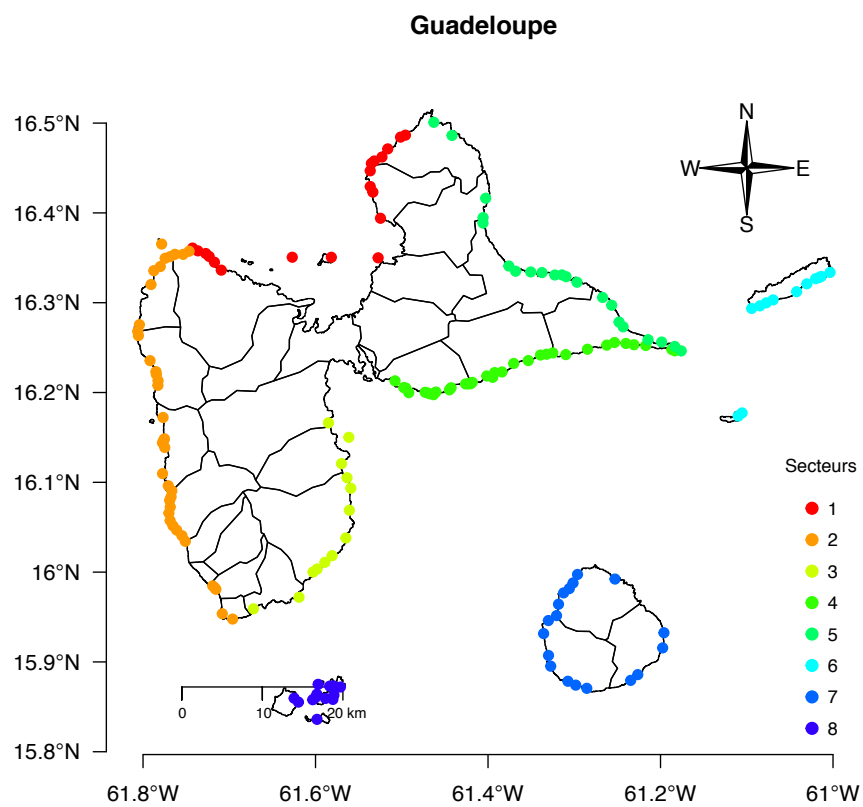
3.1 Carte globale des 3 ensembles



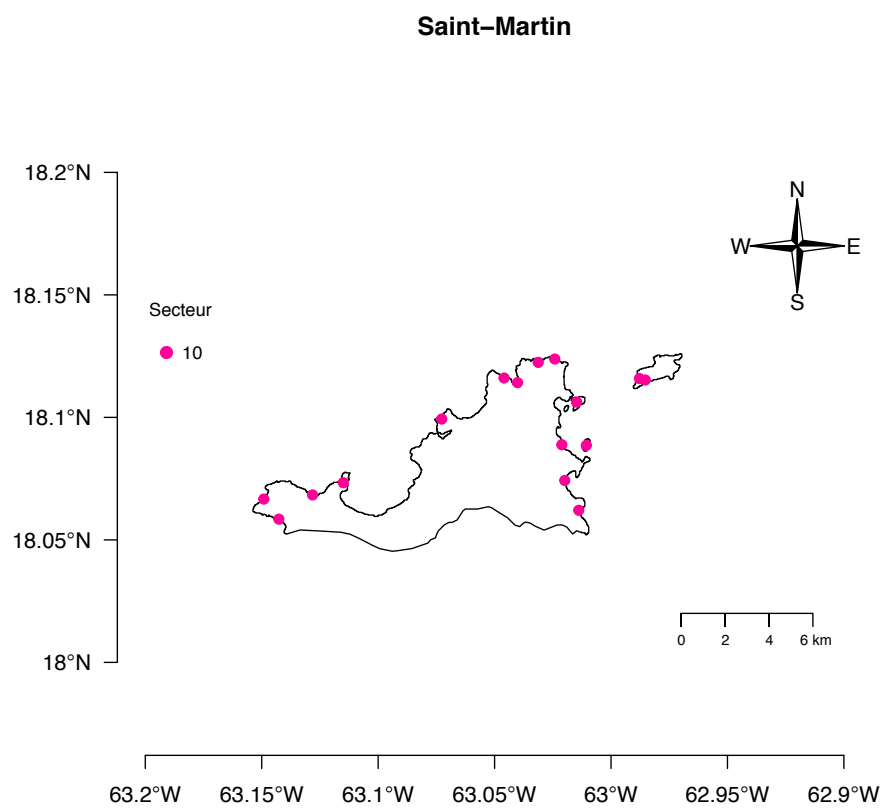
3.2 Carte globale des 3 ensembles avec les secteurs



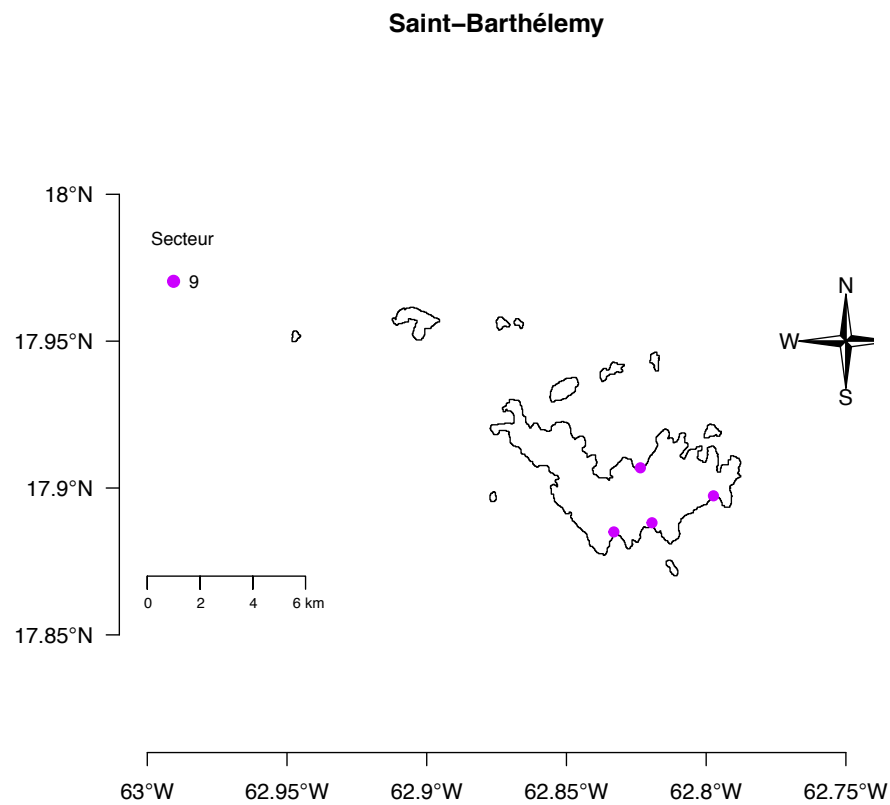
3.3 Carte de la Guadeloupe



3.4 Carte de Saint-Martin



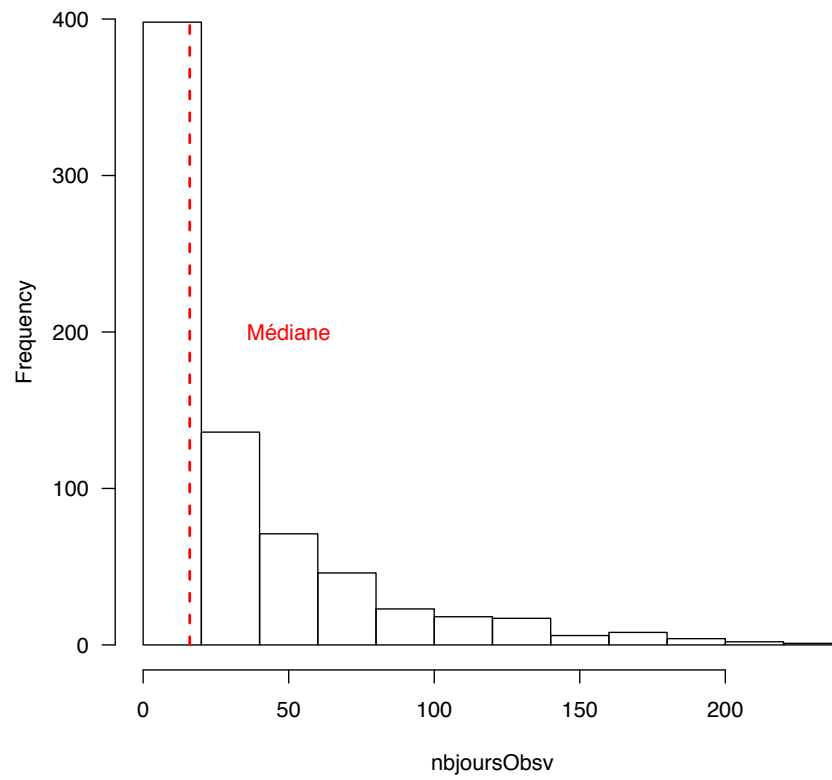
3.5 Carte de Saint-Barthélemy



4 Distribution du nombre de jours d'observations par plage

Il y a au total 730 séries qui sont analysables. Cependant la plupart d'entre elles n'ont que très peu de jours suivis : La médiane du nombre de jours suivis est de 16 donc avec 365 séries suivies moins de 16 jours.

Nombre d'observations par plage par an



5 Analyse des données

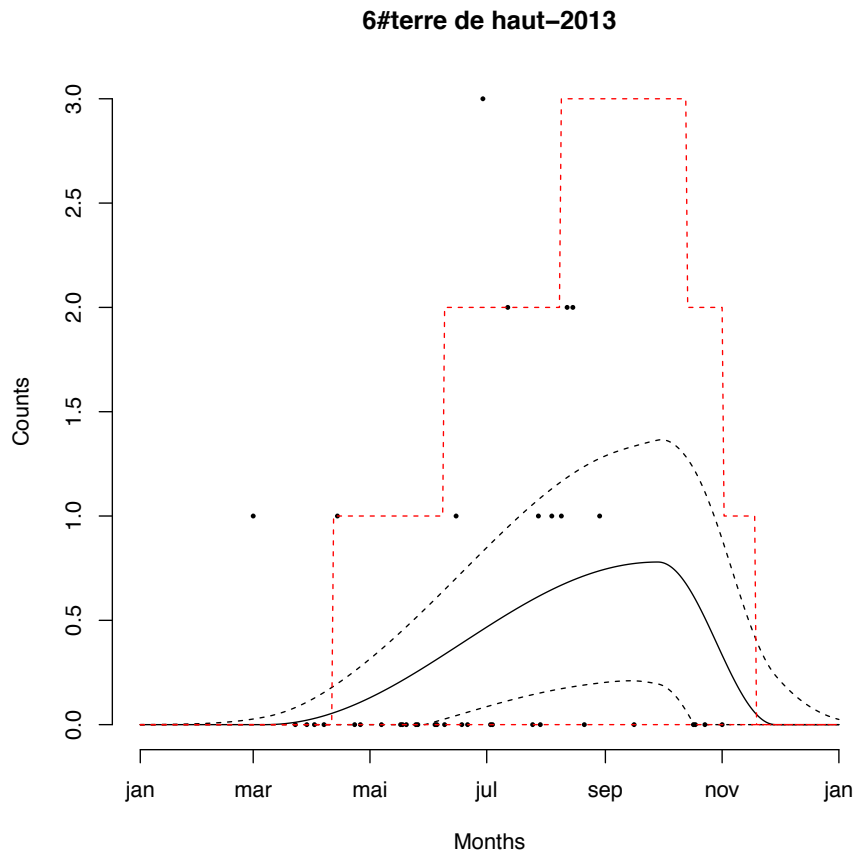
Dans les graphiques suivants, les points noirs représentent les observations, la ligne noire est la moyenne du modèle du nombre de pontes par jour, les lignes pointillées noires correspondent à l'intervalle à 95% de cette moyenne et les lignes pointillées rouges correspondent à 95% des observations.

Dans les tableaux, la première ligne correspond à l'estimation sans prendre en compte les observations et la seconde à celle prenant en compte les observations.

5.1 Ajustement sur les 30 séries les plus complètes

La phénologie est d'abord estimée sur les 30 séries qui ont le plus de pontes et parmi lesquelles des 0 ont été notés. En effet de nombreuses séries sont reportées sans 0 ce qui biaise les résultats. Parmi celles-ci je ne garde que celles où le début et la fin ont bien été monitorés.

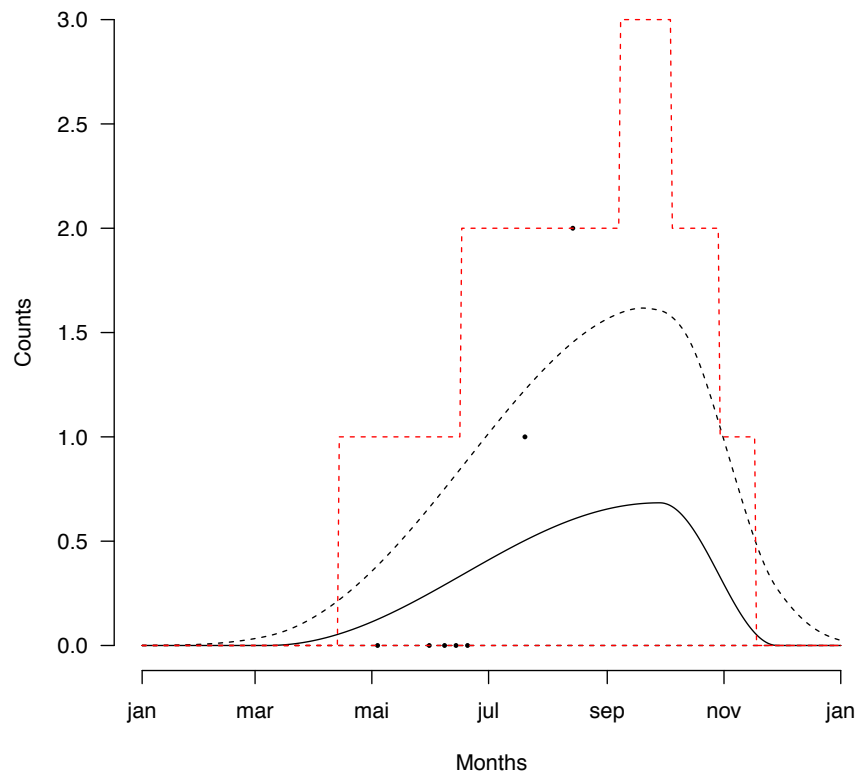
5.2 Exemple d'une série avec l'ajustement préliminaire



5.3 Résultats pour les plages avec au moins une observation

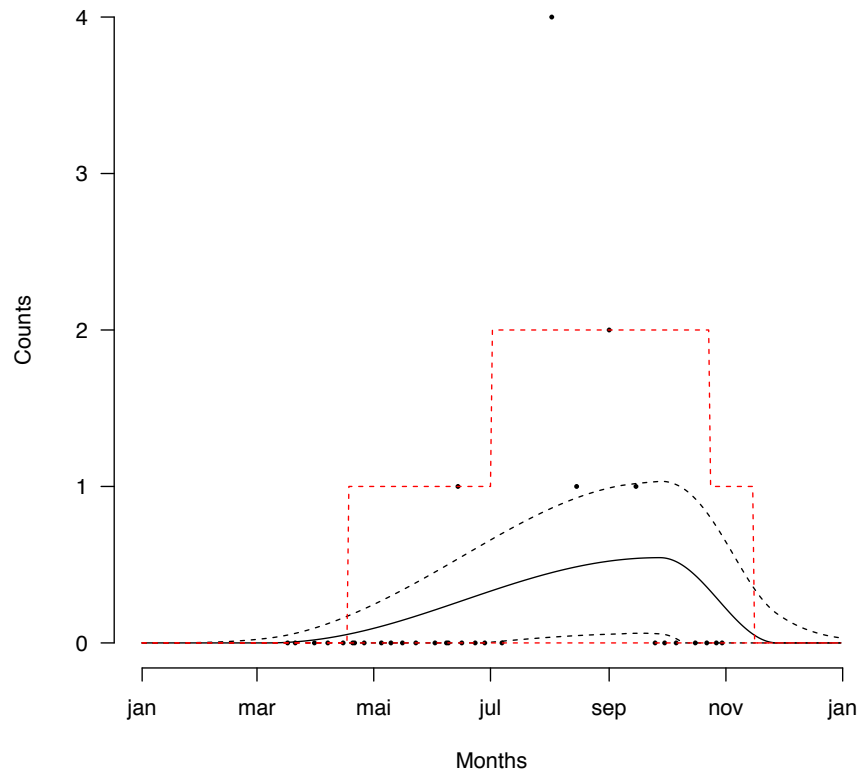
Ensuite, en conservant cette phénologie préliminaire, le nombre de montées pour chacune des plages est estimé.

10#baie aux prunes@saint martin-2010



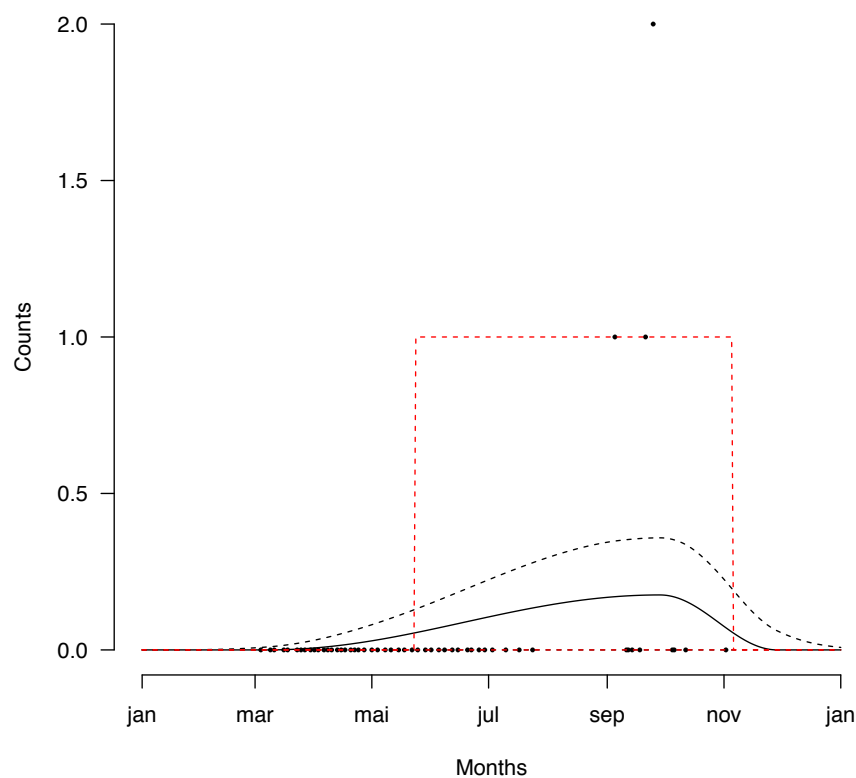
```
##
## Number of timeseries: 1
## -----
## 10#baie aux prunes@saint martin-2010
## -----
## Estimation without the observed data
## Total number of counts: 98.9136 ; SD 65.0884
## Estimation taking into account the observed data
## Total number of counts: 99.2878 ; SD 63.3695
## 95% confidence interval: 3 - 226.0268
```

10#baie aux prunes@saint martin-2012



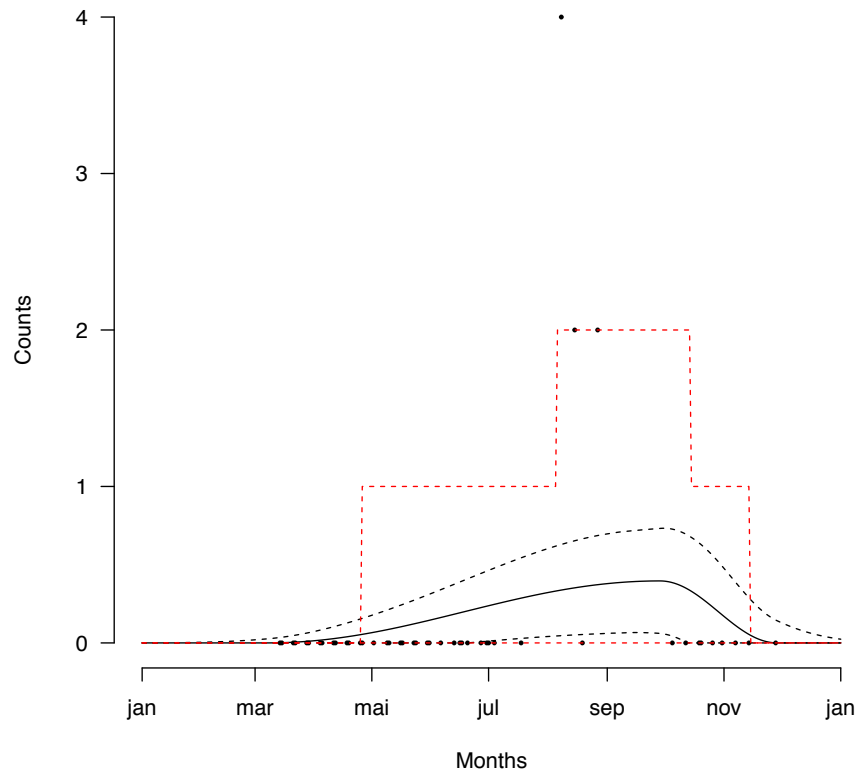
```
##
## Number of timeseries: 1
## -----
## 10#baie aux prunes@saint martin-2012
## -----
## Estimation without the observed data
## Total number of counts: 74.3882 ; SD 33.2476
## Estimation taking into account the observed data
## Total number of counts: 75.4476 ; SD 29.6906
## 95% confidence interval: 16.0664 - 134.8287
```

10#baie aux prunes@saint martin-2013



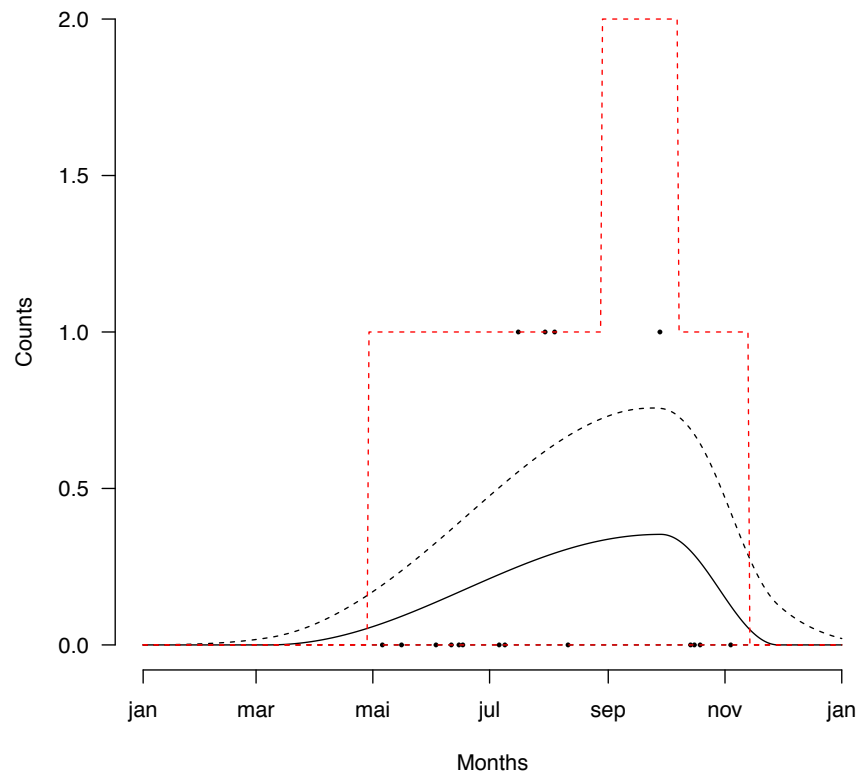
```
##
## Number of timeseries: 1
## -----
## 10#baie aux prunes@saint martin-2013
## -----
## Estimation without the observed data
## Total number of counts: 23.4922 ; SD 12.6354
## Estimation taking into account the observed data
## Total number of counts: 23.9004 ; SD 10.7276
## 95% confidence interval: 4 - 45.3557
```

10#baie aux prunes@saint martin-2014



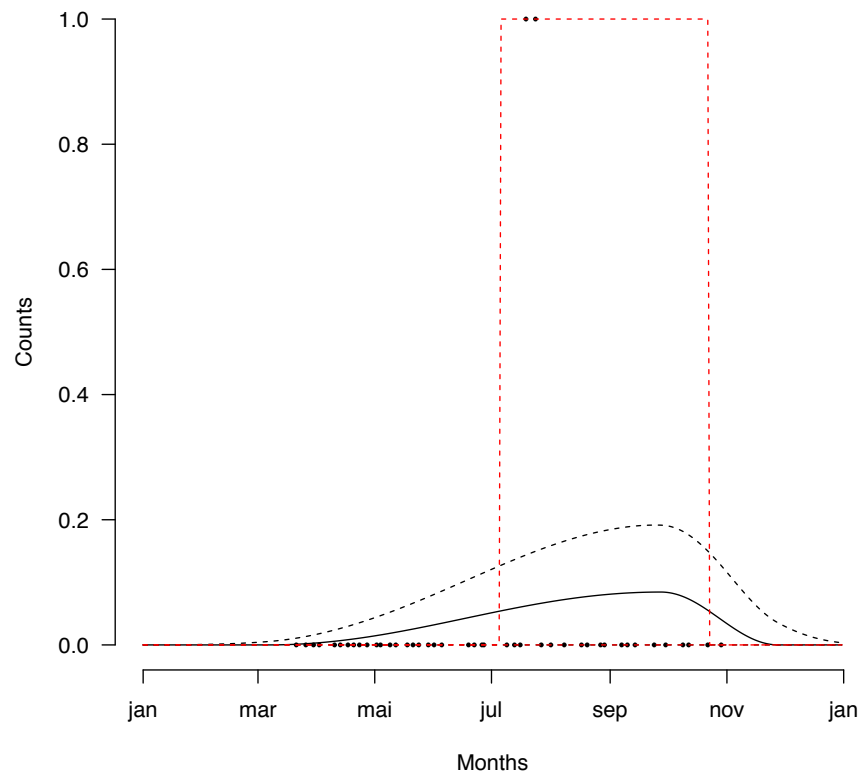
```
##
## Number of timeseries: 1
## -----
## 10#baie aux prunes@saint martin-2014
## -----
## Estimation without the observed data
## Total number of counts: 54.1636 ; SD 23.0653
## Estimation taking into account the observed data
## Total number of counts: 55.2235 ; SD 20.0512
## 95% confidence interval: 15.1211 - 95.3258
```

10#baie blanche@saint martin-2010



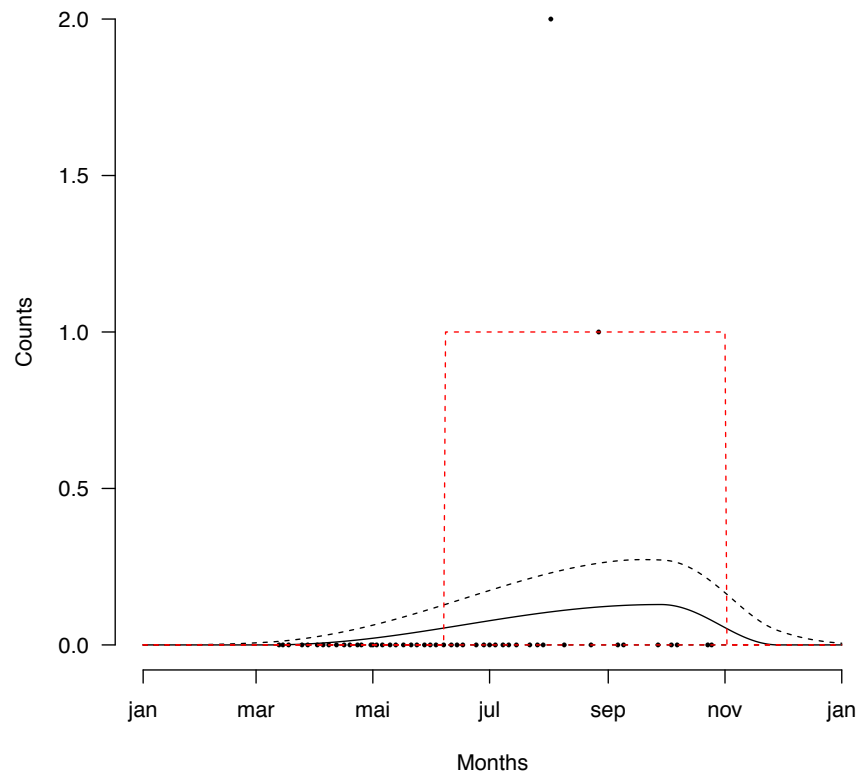
```
##
## Number of timeseries: 1
## -----
## 10#baie blanche@saint martin-2010
## -----
## Estimation without the observed data
## Total number of counts: 48.0122 ; SD 28.2446
## Estimation taking into account the observed data
## Total number of counts: 48.3619 ; SD 26.1089
## 95% confidence interval: 4 - 100.5798
```

10#baie blanche@saint martin-2012



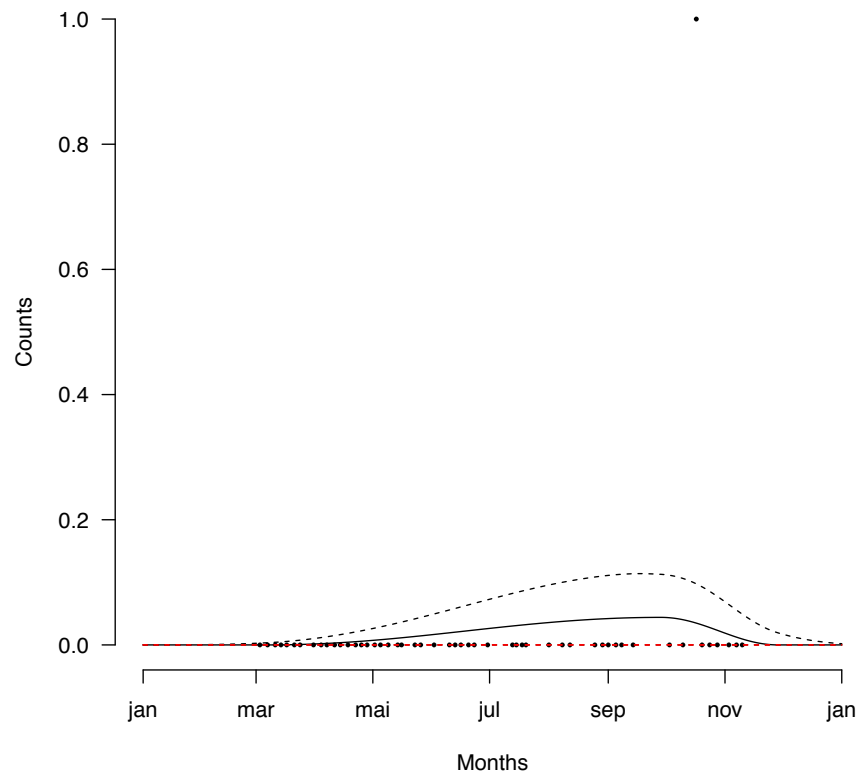
```
##
## Number of timeseries: 1
## -----
## 10#baie blanche@saint martin-2012
## -----
## Estimation without the observed data
## Total number of counts: 12.0762 ; SD 7.4659
## Estimation taking into account the observed data
## Total number of counts: 11.9942 ; SD 6.2033
## 95% confidence interval: 2 - 24.4007
```

10#baie blanche@saint martin-2013



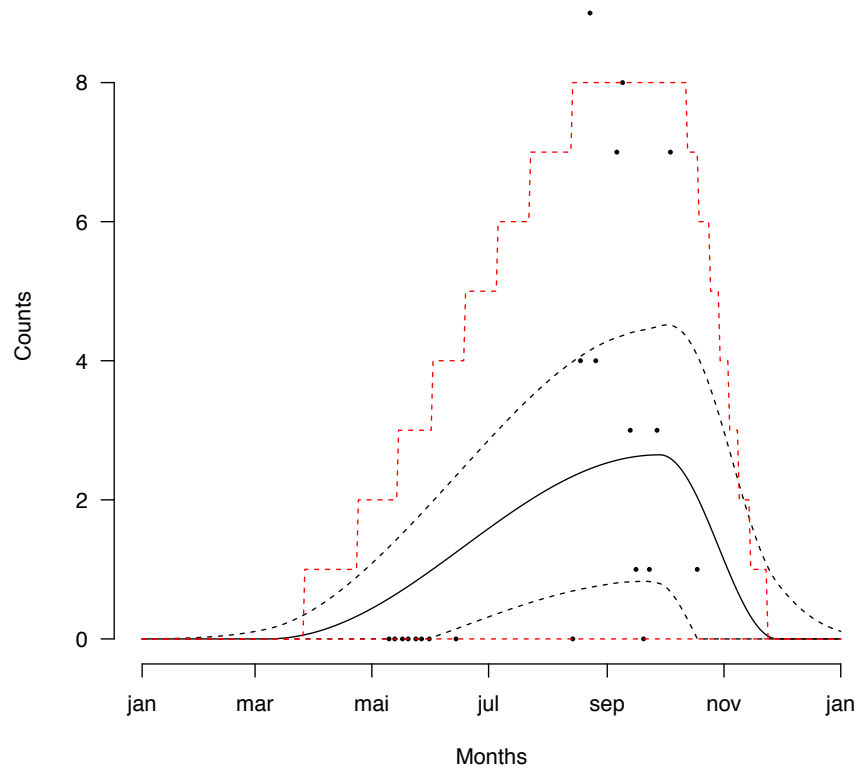
```
##
## Number of timeseries: 1
## -----
## 10#baie blanche@saint martin-2013
## -----
## Estimation without the observed data
## Total number of counts: 17.5659 ; SD 9.9913
## Estimation taking into account the observed data
## Total number of counts: 17.6864 ; SD 8.3517
## 95% confidence interval: 3 - 34.3897
```


10#baie blanche@saint martin-2014



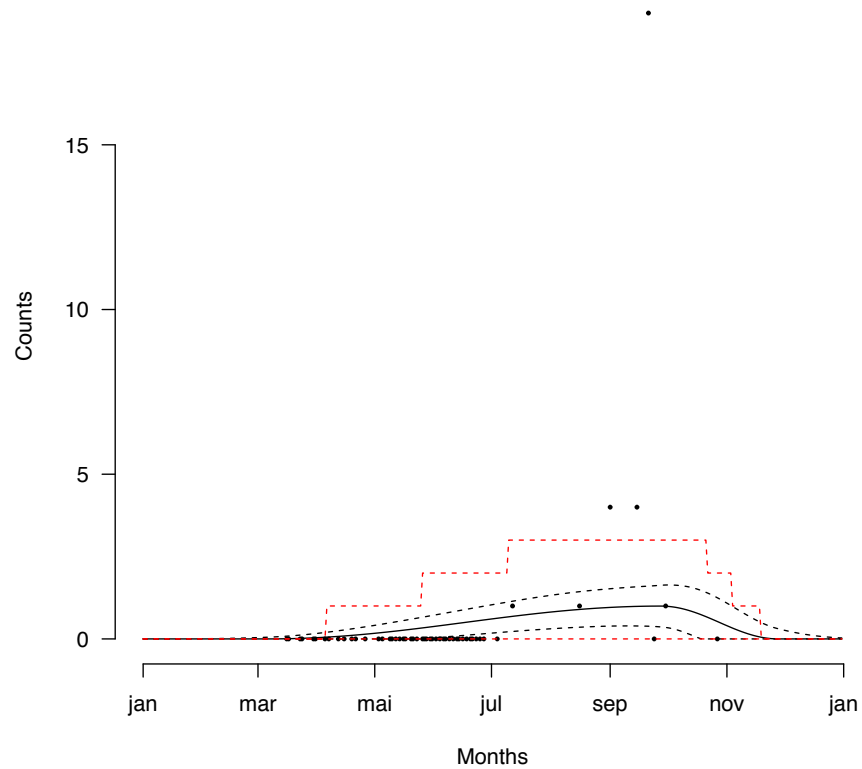
```
##
## Number of timeseries: 1
## -----
## 10#baie blanche@saint martin-2014
## -----
## Estimation without the observed data
## Total number of counts: 7.1675 ; SD 4.9177
## Estimation taking into account the observed data
## Total number of counts: 6.9645 ; SD 4.0895
## 95% confidence interval: 1 - 15.1435
```

10#baie longue@saint martin-2010



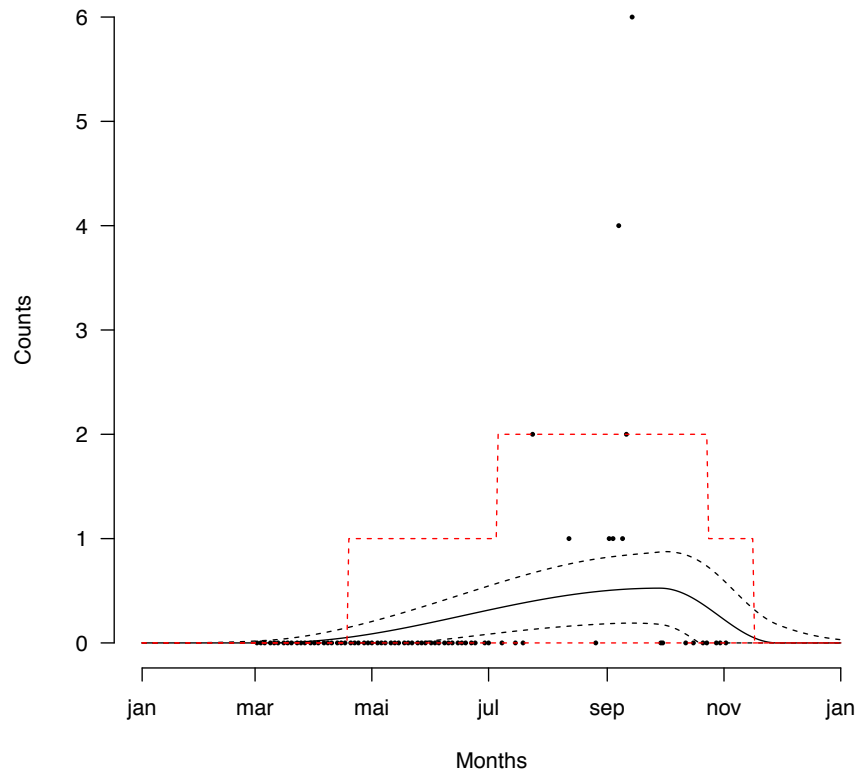
```
##
## Number of timeseries: 1
## -----
## 10#baie longue@saint martin-2010
## -----
## Estimation without the observed data
## Total number of counts: 343.9507 ; SD 124.9227
## Estimation taking into account the observed data
## Total number of counts: 354.8685 ; SD 111.8635
## 95% confidence interval: 131.1415 - 578.5955
```

10#baie longue@saint martin-2012



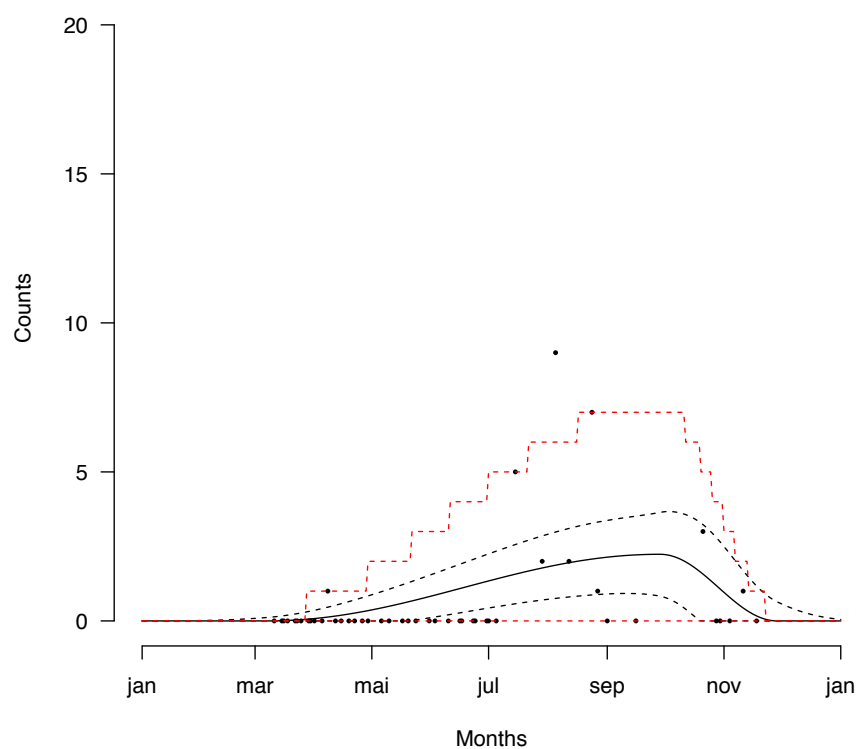
```
##
## Number of timeseries: 1
## -----
## 10#baie longue@saint martin-2012
## -----
## Estimation without the observed data
## Total number of counts: 132.0272 ; SD 41.2304
## Estimation taking into account the observed data
## Total number of counts: 142.2474 ; SD 35.1089
## 95% confidence interval: 72.0295 - 212.4653
```

10#baie longue@saint martin-2013



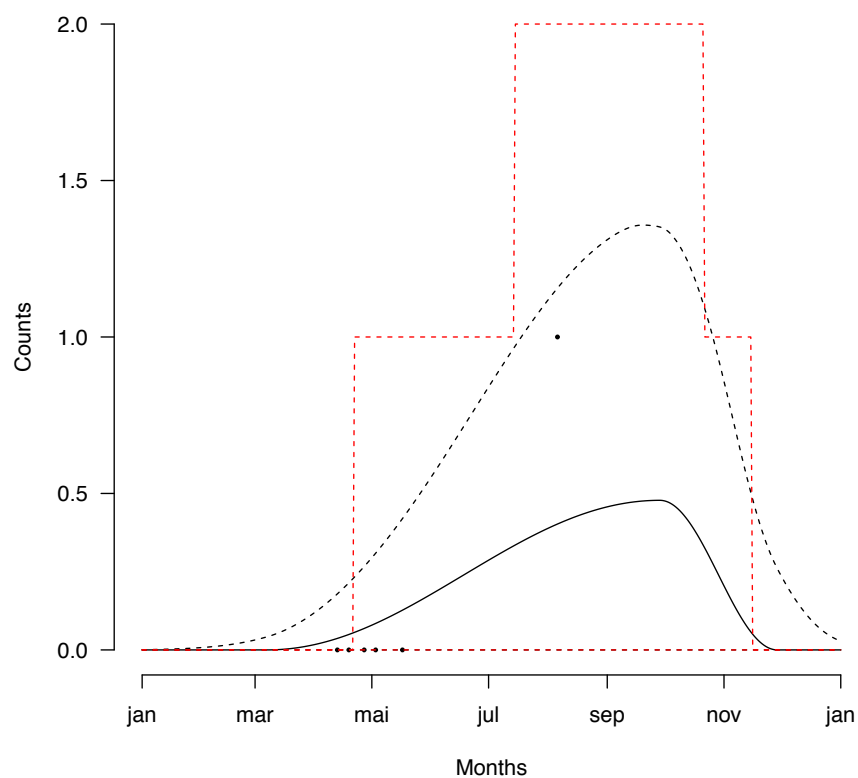
```
##
## Number of timeseries: 1
## -----
## 10#baie longue@saint martin-2013
## -----
## Estimation without the observed data
## Total number of counts: 68.6935 ; SD 23.2459
## Estimation taking into account the observed data
## Total number of counts: 72.5653 ; SD 18.5276
## 95% confidence interval: 35.5102 - 109.6205
```

10#baie longue@saint martin-2014



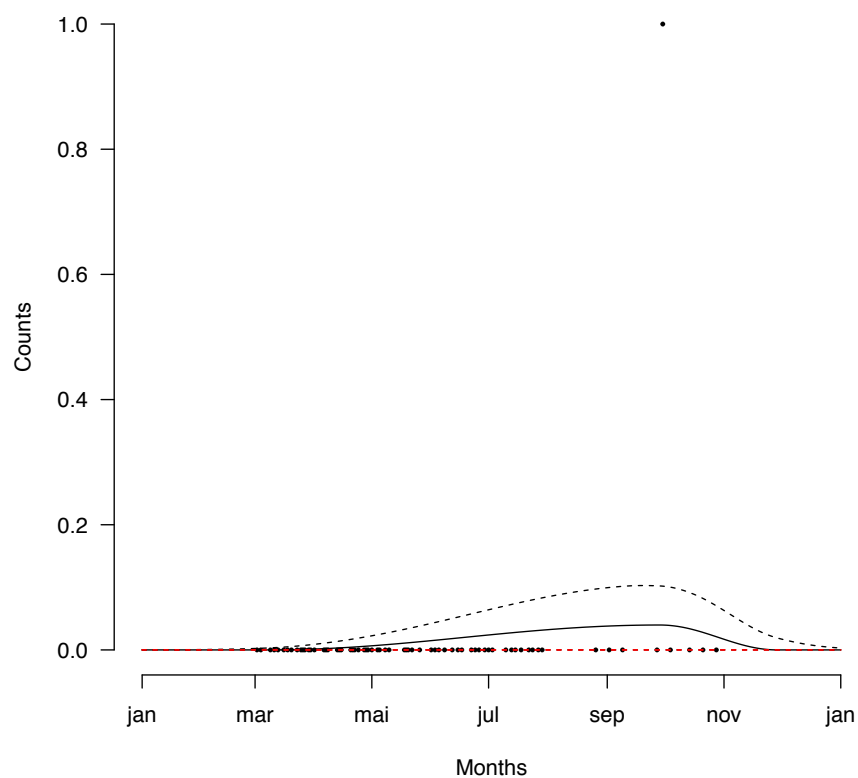
```
##
## Number of timeseries: 1
## -----
## 10#baie longue@saint martin-2014
## -----
## Estimation without the observed data
## Total number of counts: 293.1996 ; SD 88.4853
## Estimation taking into account the observed data
## Total number of counts: 306.1914 ; SD 76.6997
## 95% confidence interval: 152.7919 - 459.5909
```

10#baie rouge@saint martin-2010



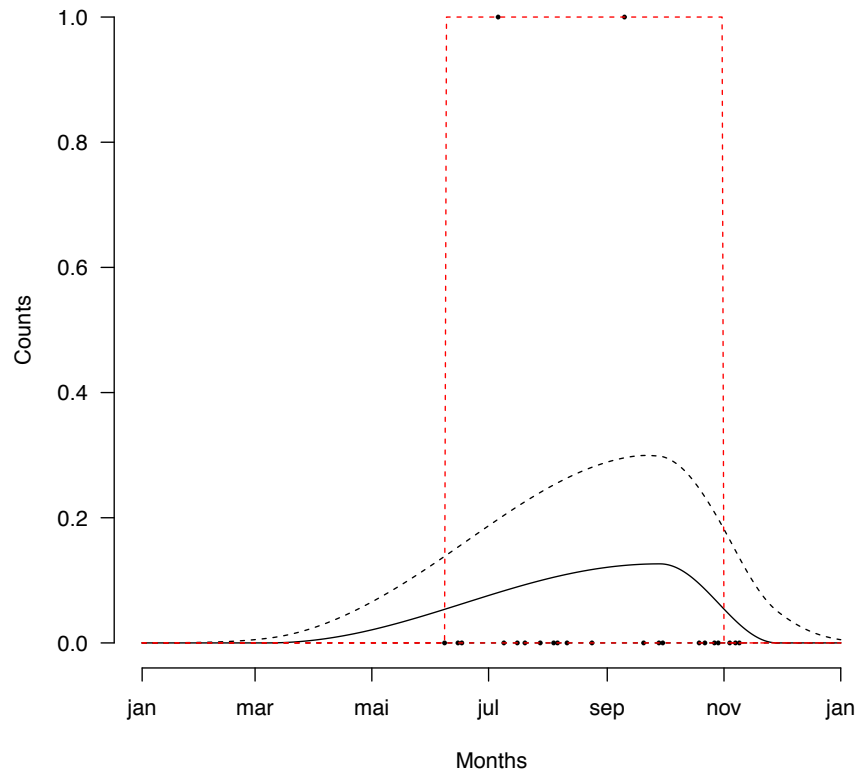
```
##
## Number of timeseries: 1
## -----
## 10#baie rouge@saint martin-2010
## -----
## Estimation without the observed data
## Total number of counts: 84.2905 ; SD 61.3233
## Estimation taking into account the observed data
## Total number of counts: 84.2485 ; SD 60.5874
## 95% confidence interval: 1 - 205.4232
```

10#baie rouge@saint martin-2013



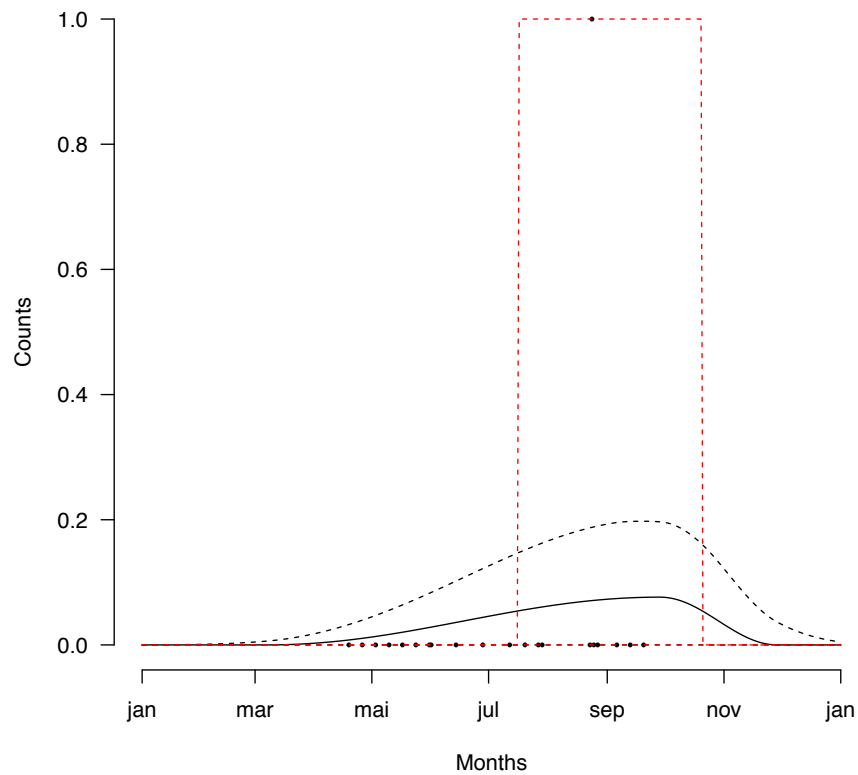
```
##
## Number of timeseries: 1
## -----
## 10#baie rouge@saint martin-2013
## -----
## Estimation without the observed data
## Total number of counts: 6.154 ; SD 4.3644
## Estimation taking into account the observed data
## Total number of counts: 6.0497 ; SD 3.589
## 95% confidence interval: 1 - 13.2277
```

10#caye verte@saint martin-2010



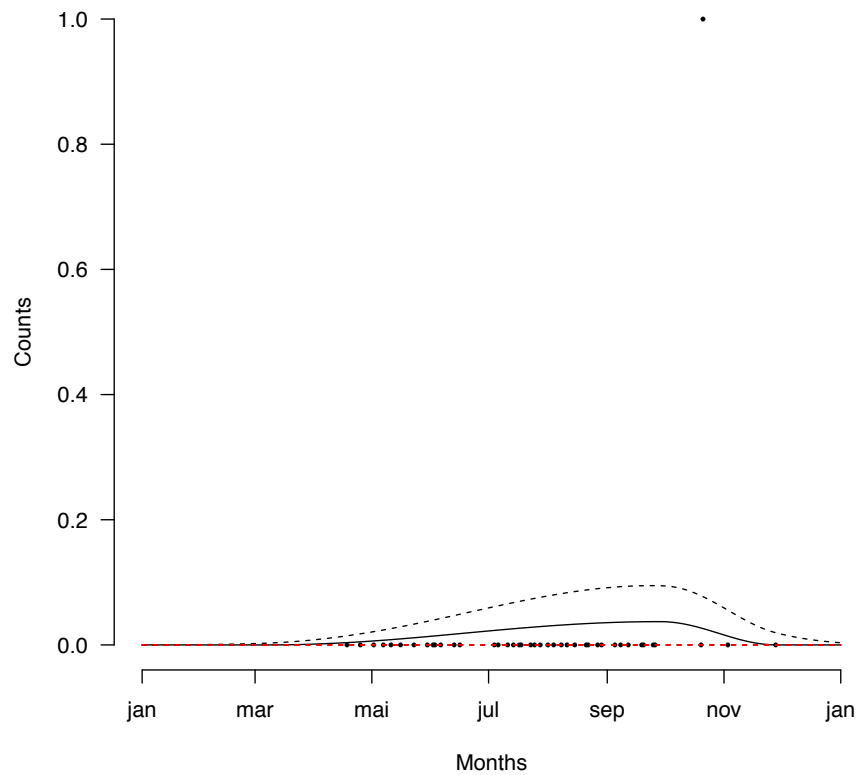
```
##
## Number of timeseries: 1
## -----
## 10#caye verte@saint martin-2010
## -----
## Estimation without the observed data
## Total number of counts: 18.8922 ; SD 11.9619
## Estimation taking into account the observed data
## Total number of counts: 18.7093 ; SD 10.5881
## 95% confidence interval: 2 - 39.8854
```


10#coralita@saint martin-2010



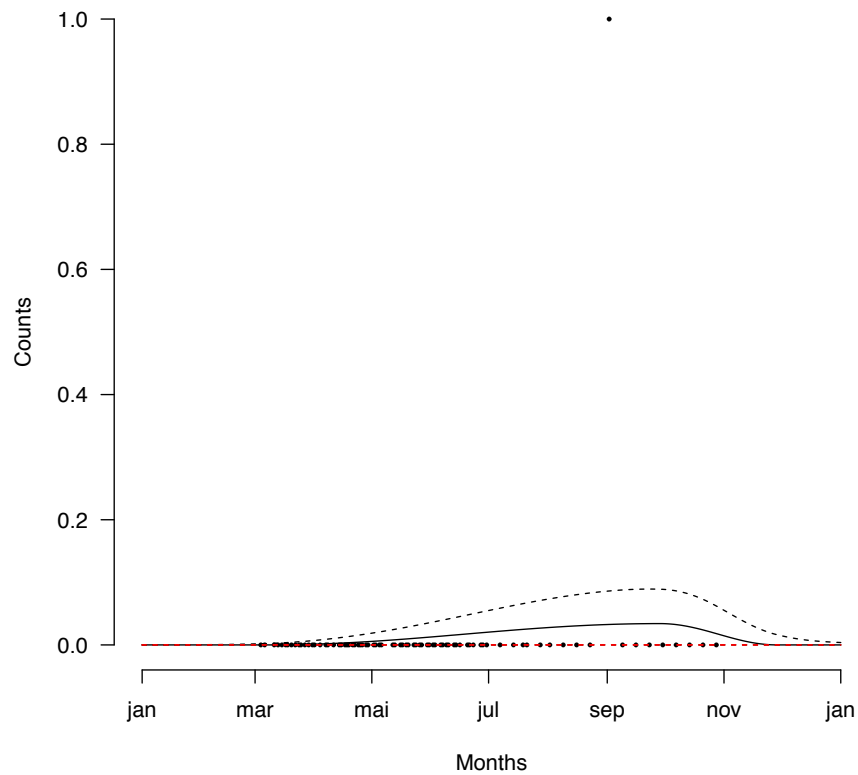
```
##
## Number of timeseries: 1
## -----
## 10#coralita@saint martin-2010
## -----
## Estimation without the observed data
## Total number of counts: 12.231 ; SD 8.5649
## Estimation taking into account the observed data
## Total number of counts: 12.07 ; SD 7.7701
## 95% confidence interval: 1 - 27.6103
```

10#grandes cayes@saint martin-2010



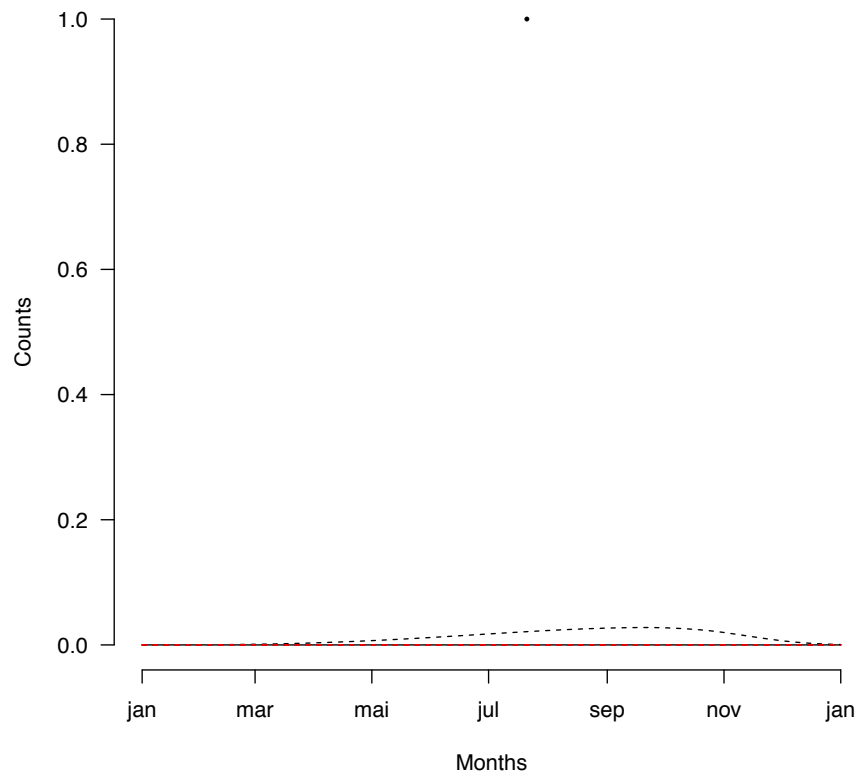
```
##
## Number of timeseries: 1
## -----
## 10#grandes cayes@saint martin-2010
## -----
## Estimation without the observed data
## Total number of counts: 5.9391 ; SD 4.0381
## Estimation taking into account the observed data
## Total number of counts: 5.7558 ; SD 3.2564
## 95% confidence interval: 1 - 12.2685
```

10#grandes cayes@saint martin-2013



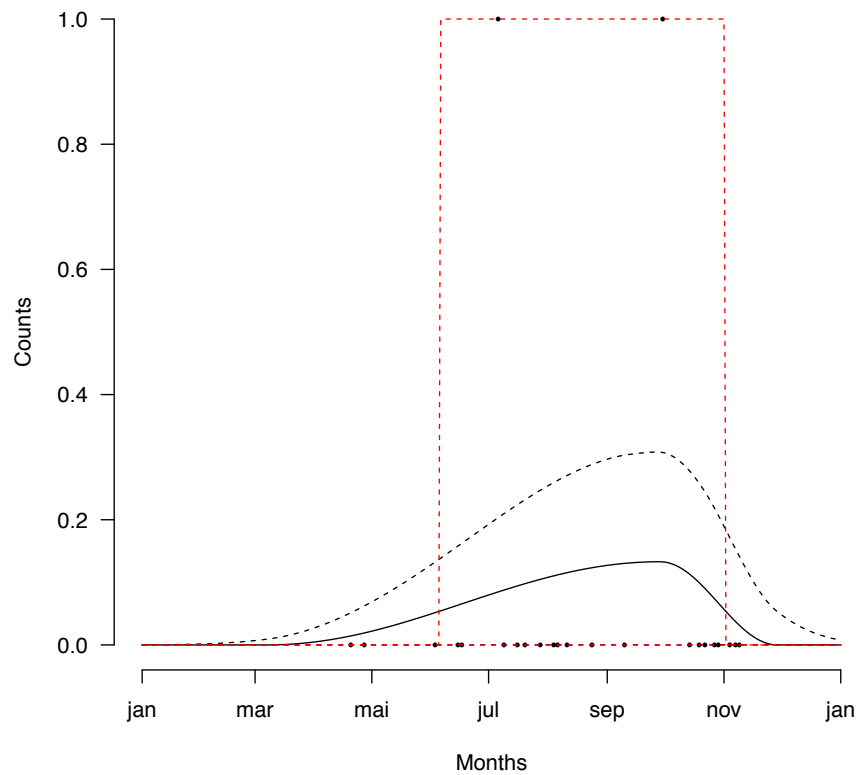
```
##
## Number of timeseries: 1
## -----
## 10#grandes cayes@saint martin-2013
## -----
## Estimation without the observed data
## Total number of counts: 5.3076 ; SD 3.8171
## Estimation taking into account the observed data
## Total number of counts: 5.1964 ; SD 3.0365
## 95% confidence interval: 1 - 11.2693
```

10#ilet pinel@saint martin-2001



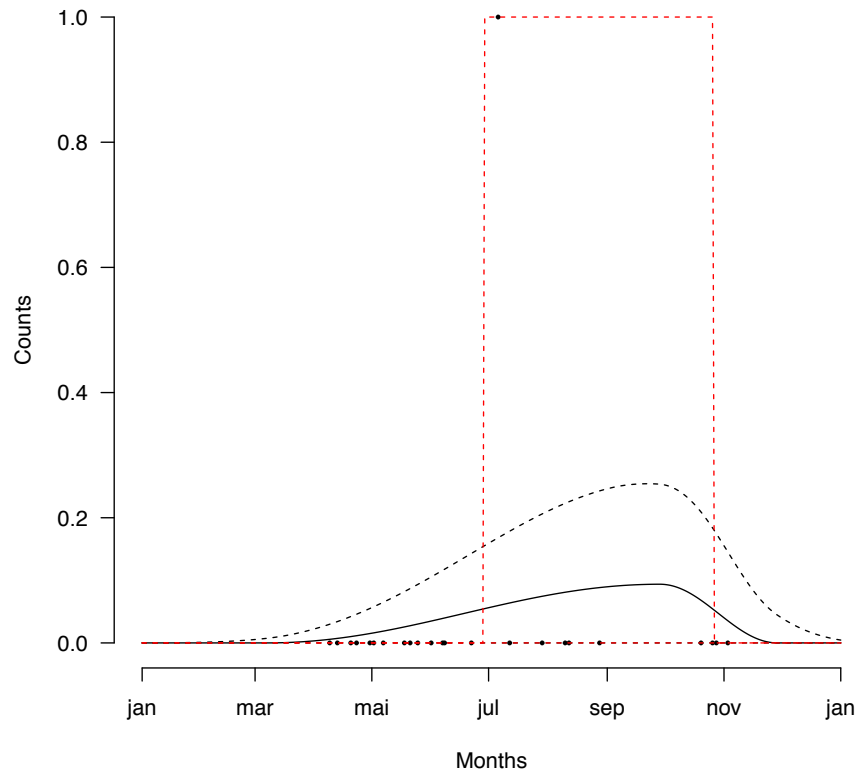
```
##
## Number of timeseries: 1
## -----
## 10#ilet pinel@saint martin-2001
## -----
## Estimation without the observed data
## Total number of counts: 2.4719 ; SD 1.9361
## Estimation taking into account the observed data
## Total number of counts: 3.4585 ; SD 1.9258
## 95% confidence interval: 1 - 7.31
```

10#ilet pinel@saint martin-2010



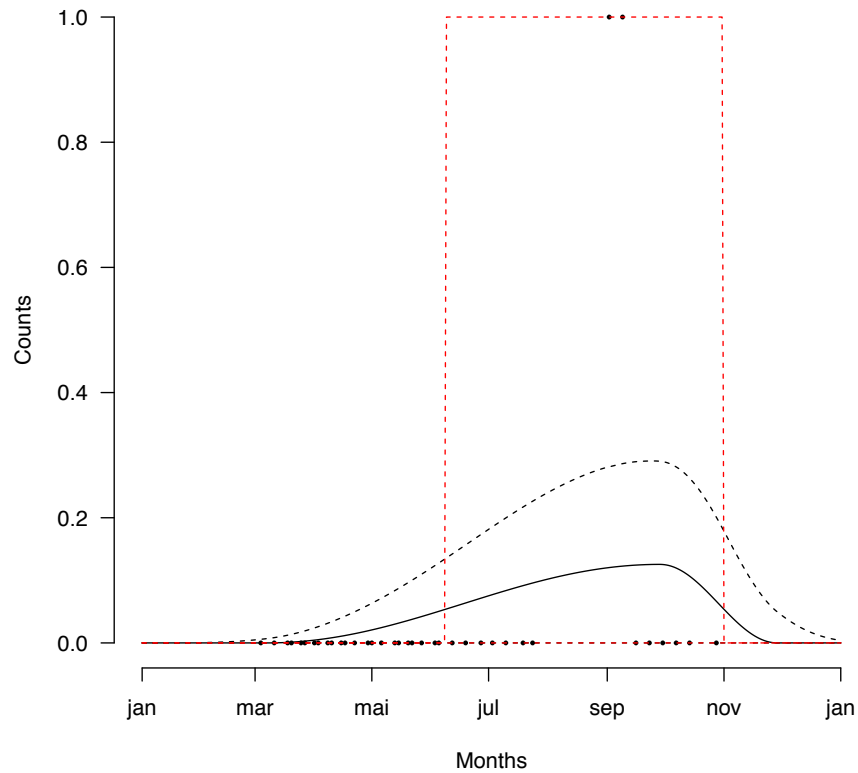
```
##
## Number of timeseries: 1
## -----
## 10#ilet pinel@saint martin-2010
## -----
## Estimation without the observed data
## Total number of counts: 19.6345 ; SD 12.1976
## Estimation taking into account the observed data
## Total number of counts: 19.5061 ; SD 10.8739
## 95% confidence interval: 2 - 41.2538
```

10#le galion@saint martin-2010



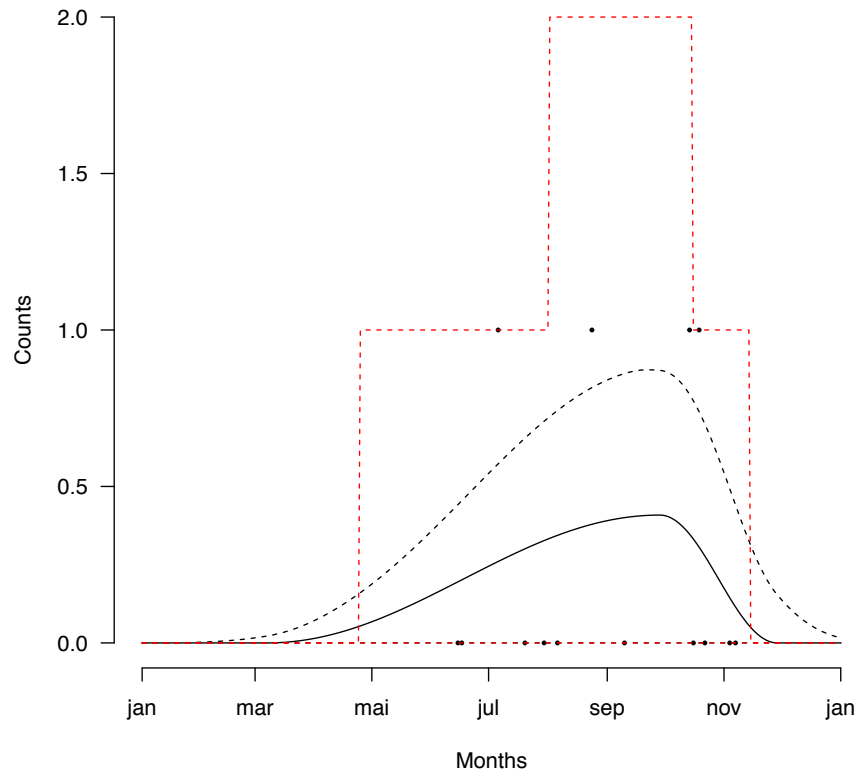
```
##
## Number of timeseries: 1
## -----
## 10#le galion@saint martin-2010
## -----
## Estimation without the observed data
## Total number of counts: 15.2063 ; SD 11.3063
## Estimation taking into account the observed data
## Total number of counts: 15.0141 ; SD 10.4155
## 95% confidence interval: 1 - 35.8451
```

10#petites cayes@saint martin-2013



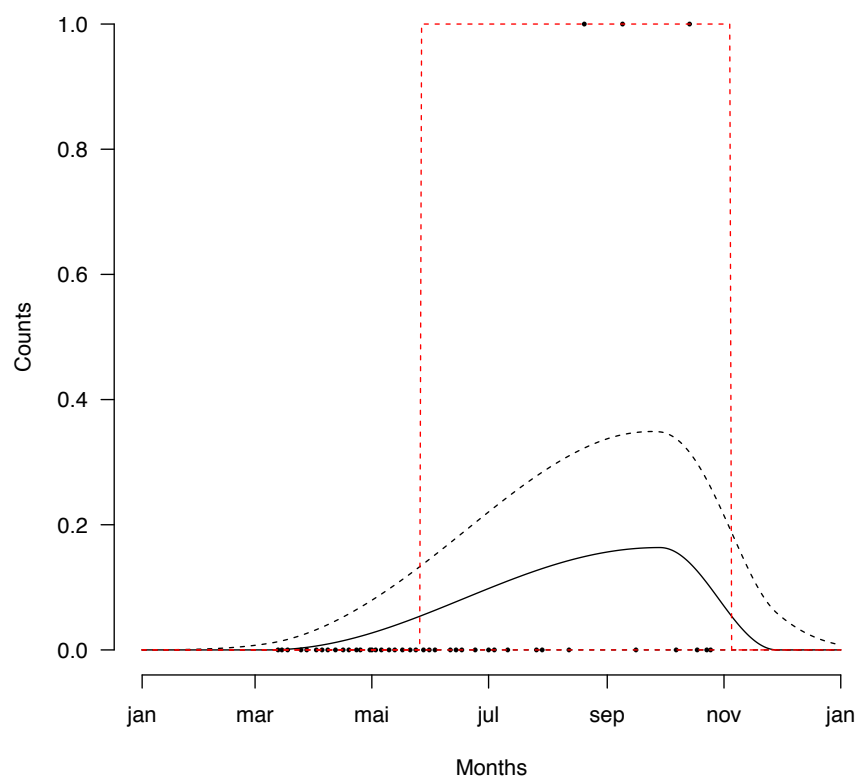
```
##
## Number of timeseries: 1
## -----
## 10#petites cayes@saint martin-2013
## -----
## Estimation without the observed data
## Total number of counts: 18.0862 ; SD 11.4252
## Estimation taking into account the observed data
## Total number of counts: 18.1063 ; SD 10.1826
## 95% confidence interval: 2 - 38.4714
```

10#plages du lagon@saint martin-2010



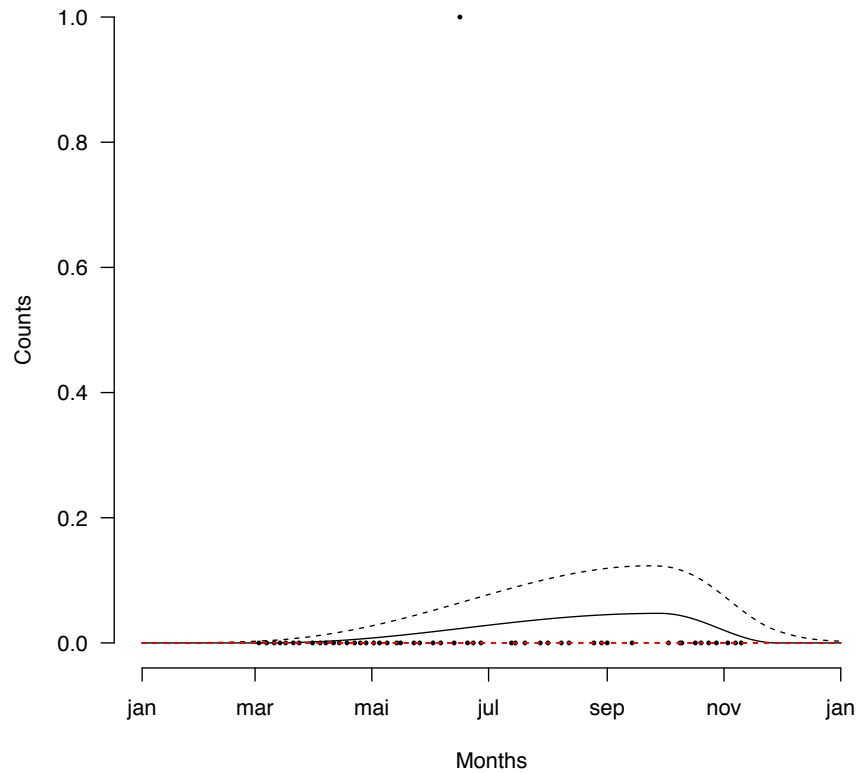
```
##
## Number of timeseries: 1
## -----
## 10#plages du lagon@saint martin-2010
## -----
## Estimation without the observed data
## Total number of counts: 56.1215 ; SD 31.9913
## Estimation taking into account the observed data
## Total number of counts: 56.2016 ; SD 29.7469
## 95% confidence interval: 4 - 115.6955
```


10#plages du lagon@saint martin-2013



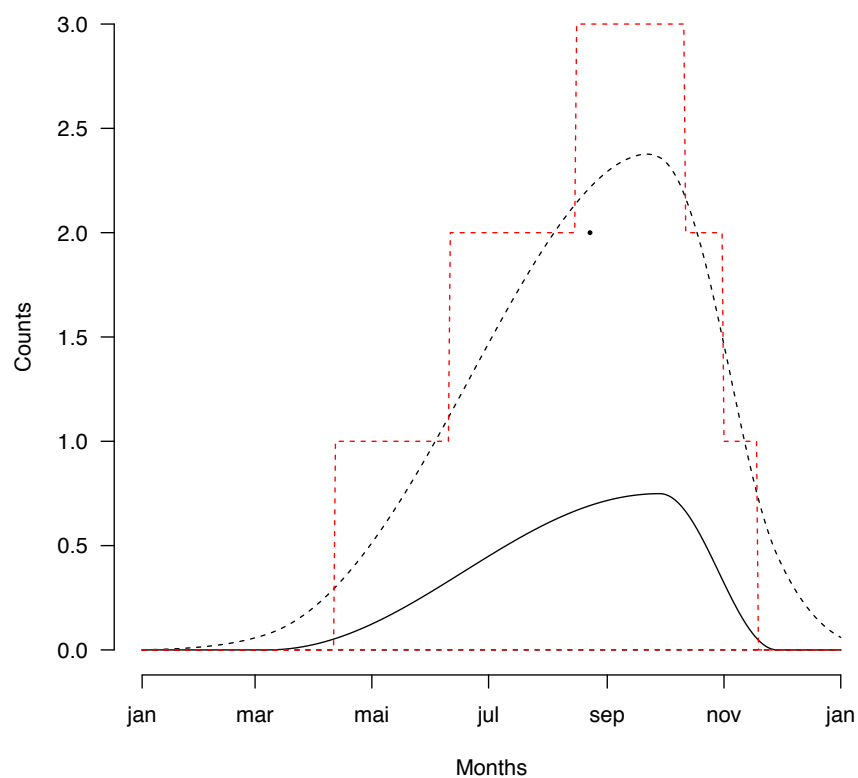
```
##
## Number of timeseries: 1
## -----
## 10#plages du lagon@saint martin-2013
## -----
## Estimation without the observed data
## Total number of counts: 22.5463 ; SD 12.8834
## Estimation taking into account the observed data
## Total number of counts: 22.7289 ; SD 11.2676
## 95% confidence interval: 3 - 45.2642
```

10#plages du lagon@saint martin-2014



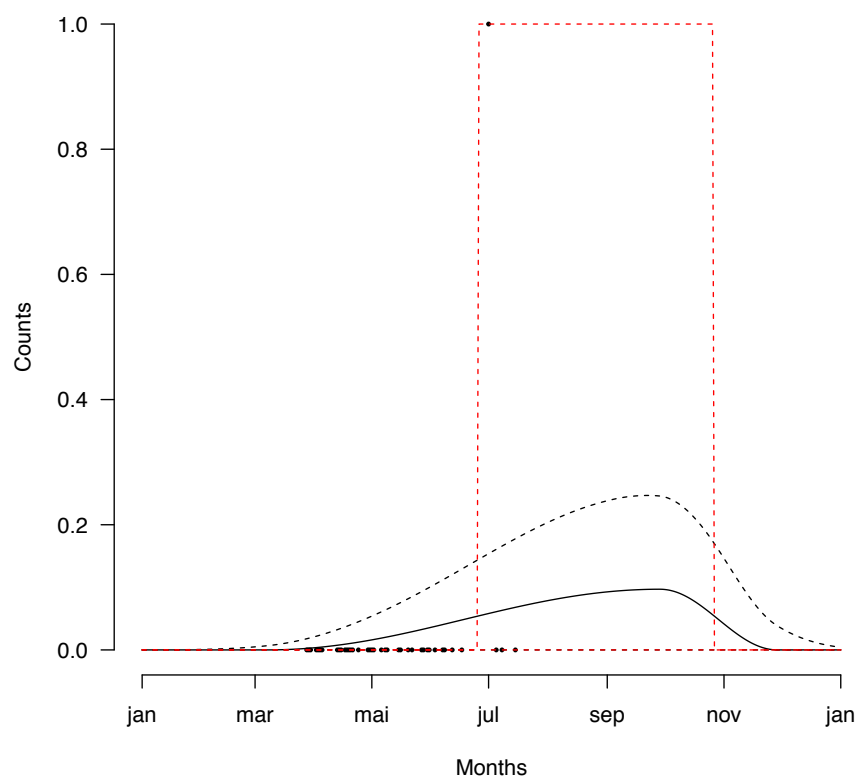
```
##
## Number of timeseries: 1
## -----
## 10#plages du lagon@saint martin-2014
## -----
## Estimation without the observed data
## Total number of counts: 7.4072 ; SD 5.3191
## Estimation taking into account the observed data
## Total number of counts: 7.2248 ; SD 4.4662
## 95% confidence interval: 1 - 16.1572
```

1#anse de nogent@sainte rose-2006



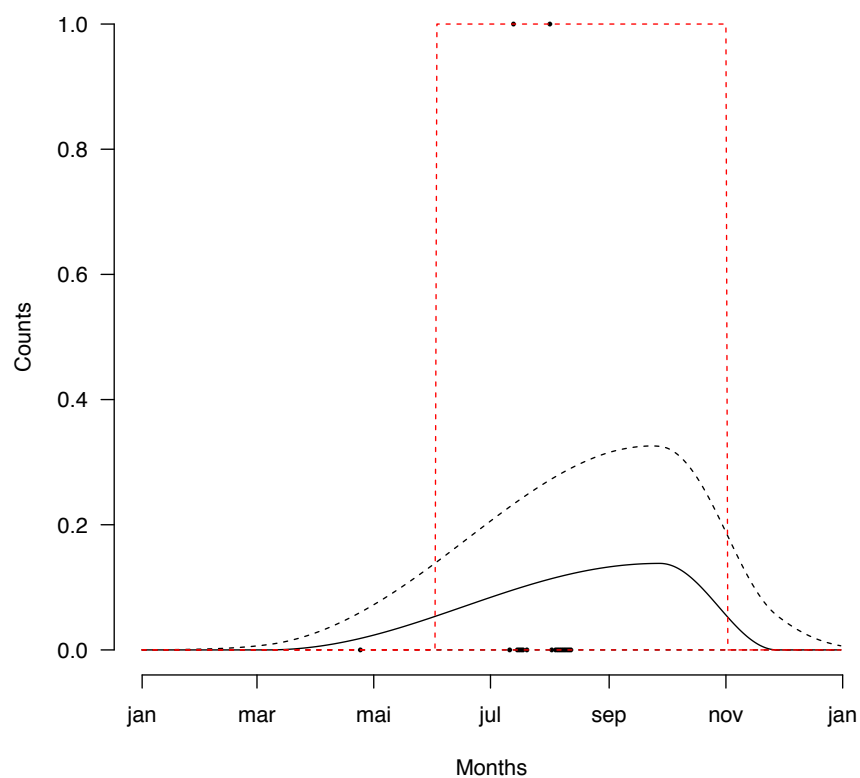
```
##
## Number of timeseries: 1
## -----
## 1#anse de nogent@sainte rose-2006
## -----
## Estimation without the observed data
## Total number of counts: 144.9453 ; SD 111.837
## Estimation taking into account the observed data
## Total number of counts: 145.953 ; SD 111.0856
## 95% confidence interval: 2 - 368.1243
```

1#anse de nogent@sainte rose-2007



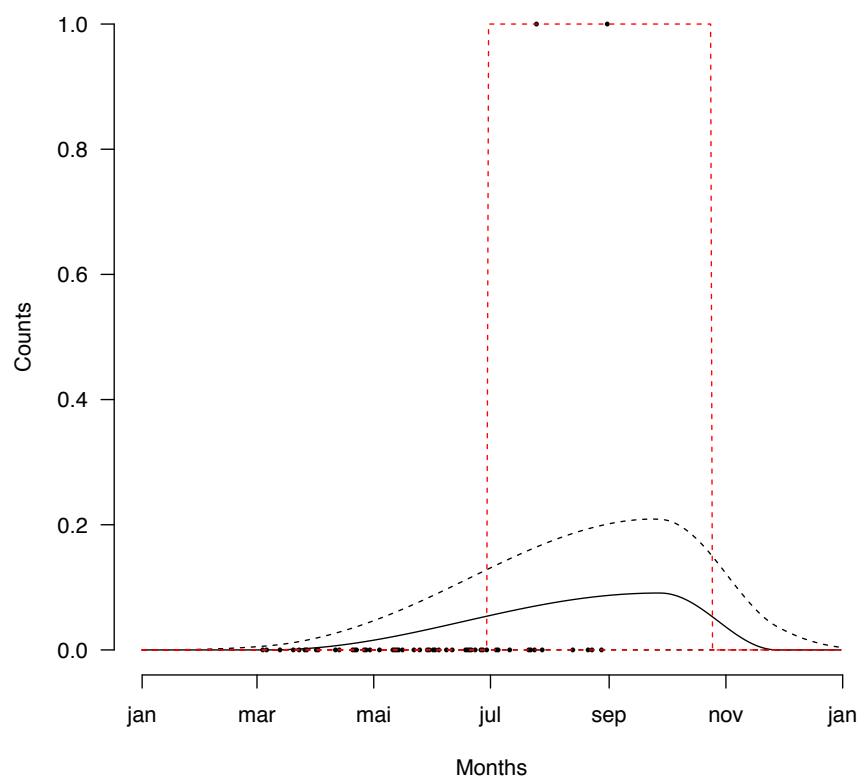
```
##
## Number of timeseries: 1
## -----
## 1#anse de nogent@sainte rose-2007
## -----
## Estimation without the observed data
## Total number of counts: 14.7172 ; SD 10.3626
## Estimation taking into account the observed data
## Total number of counts: 14.6138 ; SD 9.5895
## 95% confidence interval: 1 - 33.7929
```

1#anse de nogent@sainte rose-2008



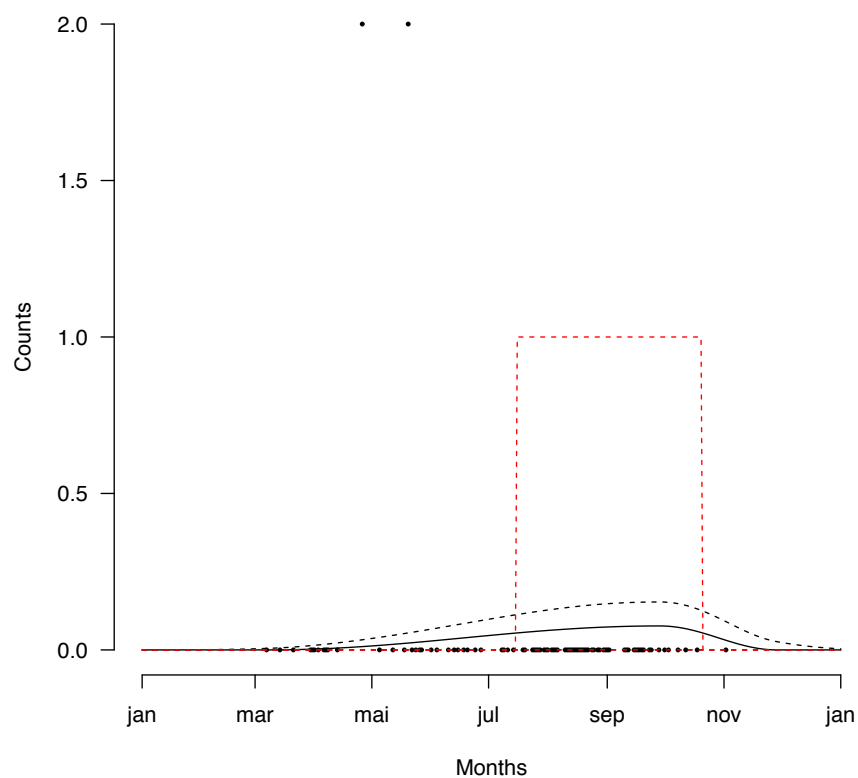
```
##
## Number of timeseries: 1
## -----
## 1#anse de nogent@sainte rose-2008
## -----
## Estimation without the observed data
## Total number of counts: 19.2389 ; SD 13.0095
## Estimation taking into account the observed data
## Total number of counts: 19.1688 ; SD 11.6447
## 95% confidence interval: 2 - 42.4581
```

1#anse de nogent@sainte rose-2012



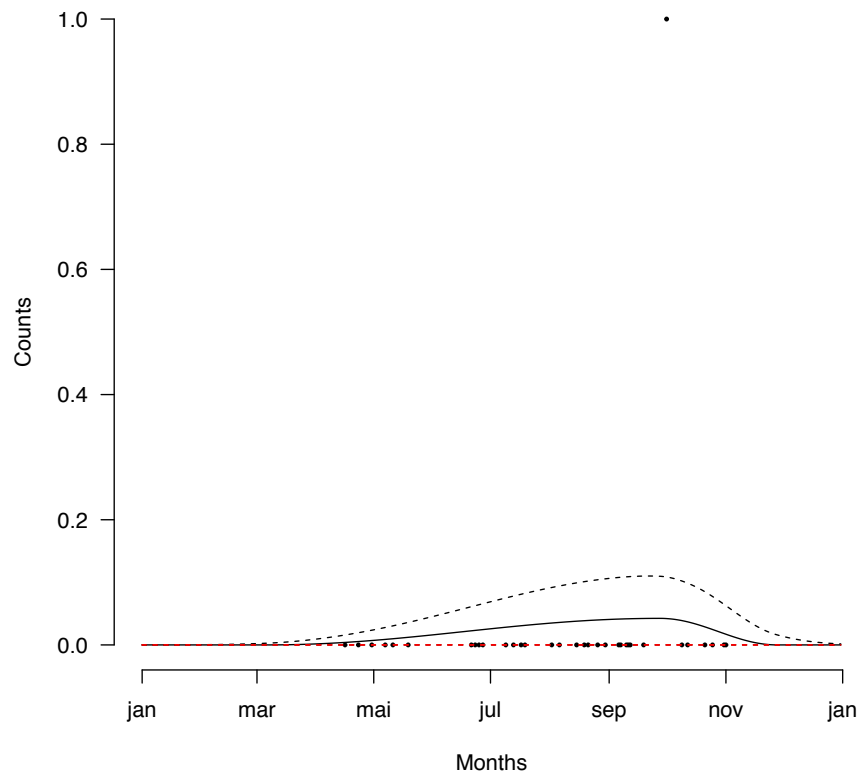
```
##
## Number of timeseries: 1
## -----
## 1#anse de nogent@sainte rose-2012
## -----
## Estimation without the observed data
## Total number of counts: 13.1028 ; SD 8.2365
## Estimation taking into account the observed data
## Total number of counts: 13.066 ; SD 6.9871
## 95% confidence interval: 2 - 27.0402
```

1#anse de nogent@sainte rose-2014



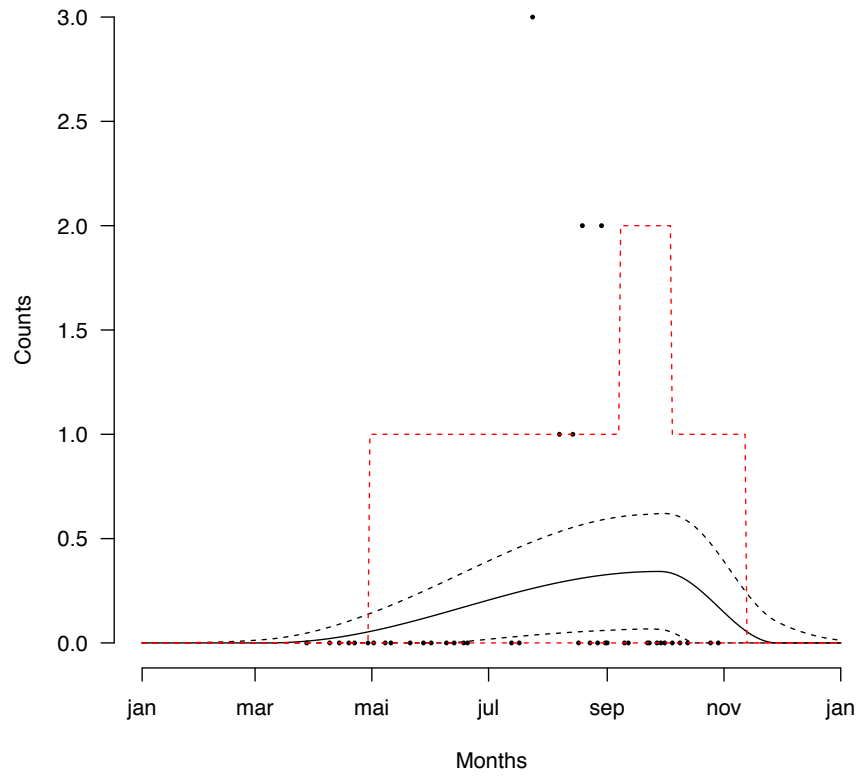
```
##
## Number of timeseries: 1
## -----
## 1#anse de nogent@sainte rose-2014
## -----
## Estimation without the observed data
## Total number of counts: 10.3836 ; SD 5.3614
## Estimation taking into account the observed data
## Total number of counts: 10.0288 ; SD 3.1803
## 95% confidence interval: 4 - 16.3894
```

1#anse lavolvaine@port louis-2008



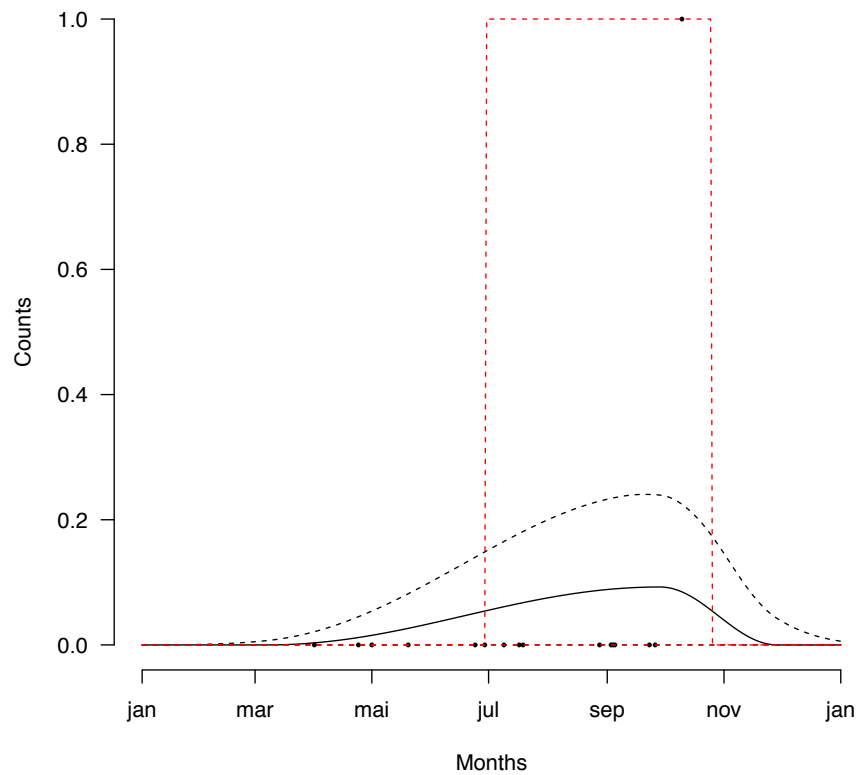
```
##
## Number of timeseries: 1
## -----
## 1#anse lavolvaine@port louis-2008
## -----
## Estimation without the observed data
## Total number of counts: 6.6116 ; SD 4.6156
## Estimation taking into account the observed data
## Total number of counts: 6.4868 ; SD 3.8339
## 95% confidence interval: 1 - 14.1546
```


1#anse lavolvaine@port louis-2009



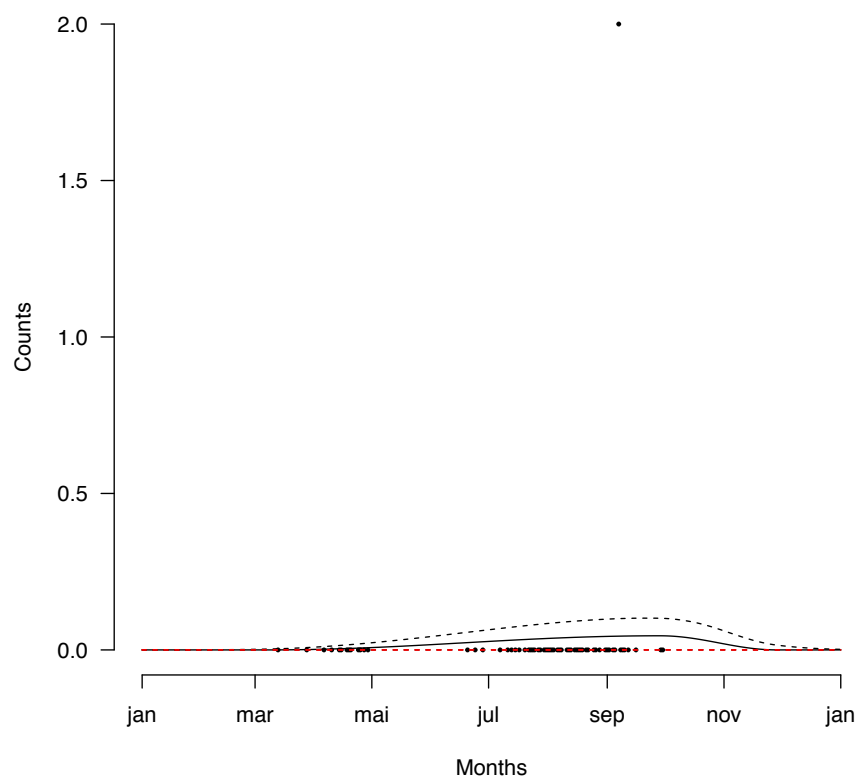
```
##
## Number of timeseries: 1
## -----
## 1#anse lavolvaine@port louis-2009
## -----
## Estimation without the observed data
## Total number of counts: 45.2879 ; SD 18.9337
## Estimation taking into account the observed data
## Total number of counts: 45.9142 ; SD 15.4868
## 95% confidence interval: 14.9407 - 76.8878
```

1#anse lavolvaine@port louis-2014



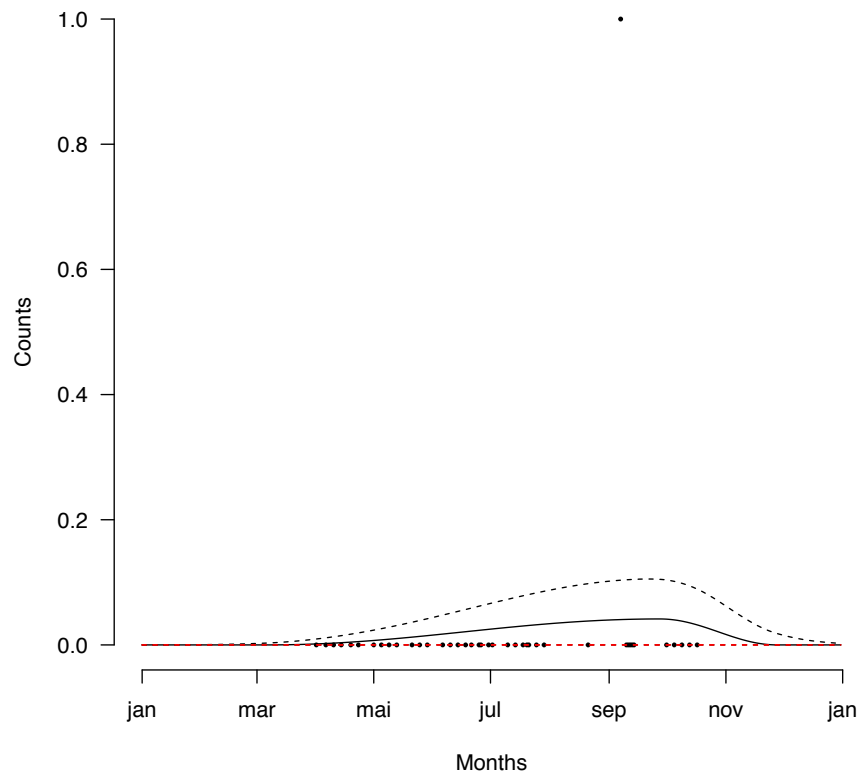
```
##
## Number of timeseries: 1
## -----
## 1#anse lavolvaine@port louis-2014
## -----
## Estimation without the observed data
## Total number of counts: 14.5637 ; SD 10.4288
## Estimation taking into account the observed data
## Total number of counts: 14.4397 ; SD 9.6348
## 95% confidence interval: 1 - 33.7093
```

1#la chapelle@anse bertrand-2009



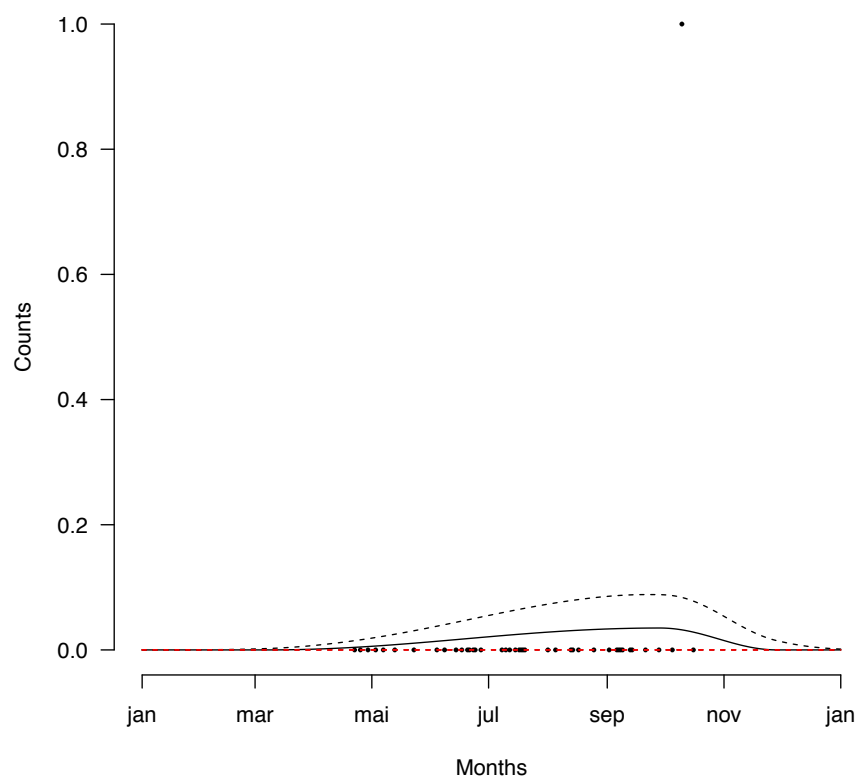
```
##
## Number of timeseries: 1
## -----
## 1#la chapelle@anse bertrand-2009
## -----
## Estimation without the observed data
## Total number of counts: 6.3005 ; SD 3.9241
## Estimation taking into account the observed data
## Total number of counts: 6.2644 ; SD 2.6838
## 95% confidence interval: 2 - 11.6321
```

1#la chapelle@anse bertrand-2012



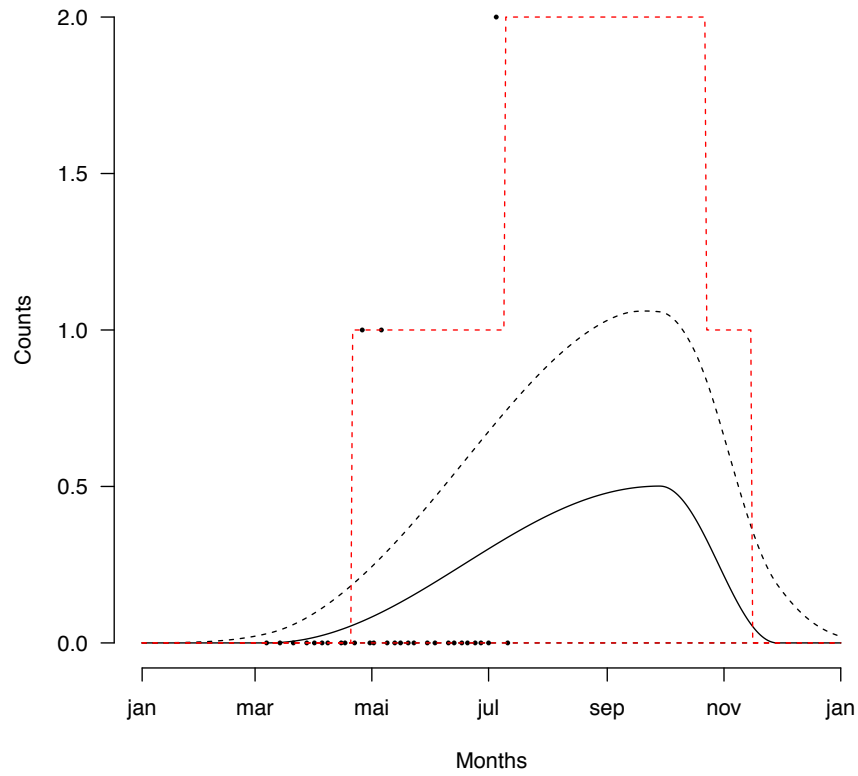
```
##
## Number of timeseries: 1
## -----
## 1#la chapelle@anse bertrand-2012
## -----
## Estimation without the observed data
## Total number of counts: 6.1322 ; SD 4.4196
## Estimation taking into account the observed data
## Total number of counts: 6.0829 ; SD 3.6721
## 95% confidence interval: 1 - 13.427
```

1#la chapelle@anse bertrand-2013



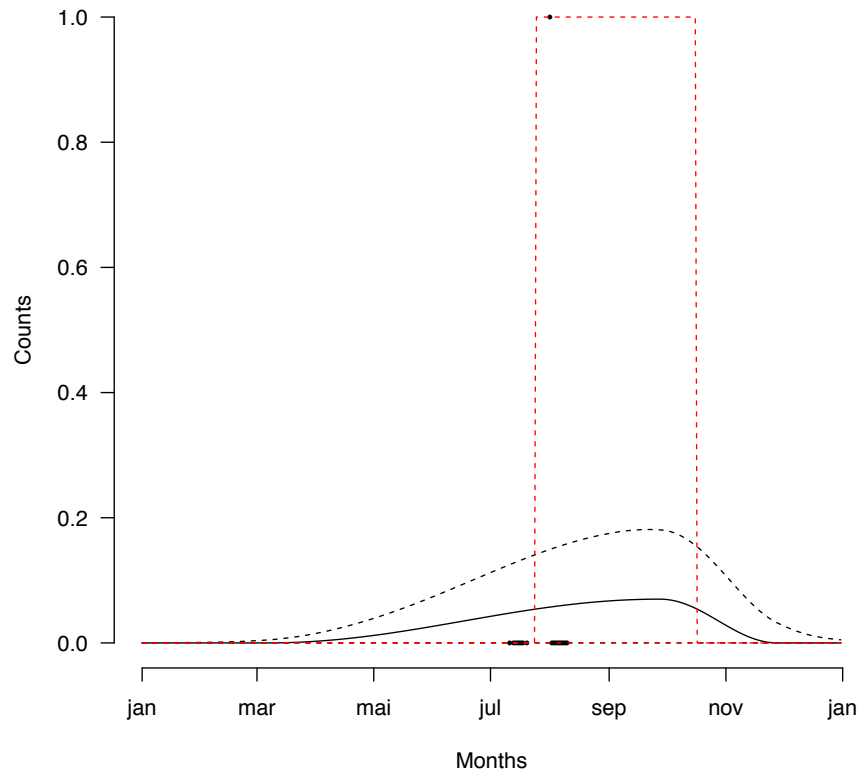
```
##
## Number of timeseries: 1
## -----
## 1#la chapelle@anse bertrand-2013
## -----
## Estimation without the observed data
## Total number of counts: 5.5087 ; SD 3.6843
## Estimation taking into account the observed data
## Total number of counts: 5.3694 ; SD 2.9348
## 95% confidence interval: 1 - 11.239
```

1#les amandiers@sainte rose-2014



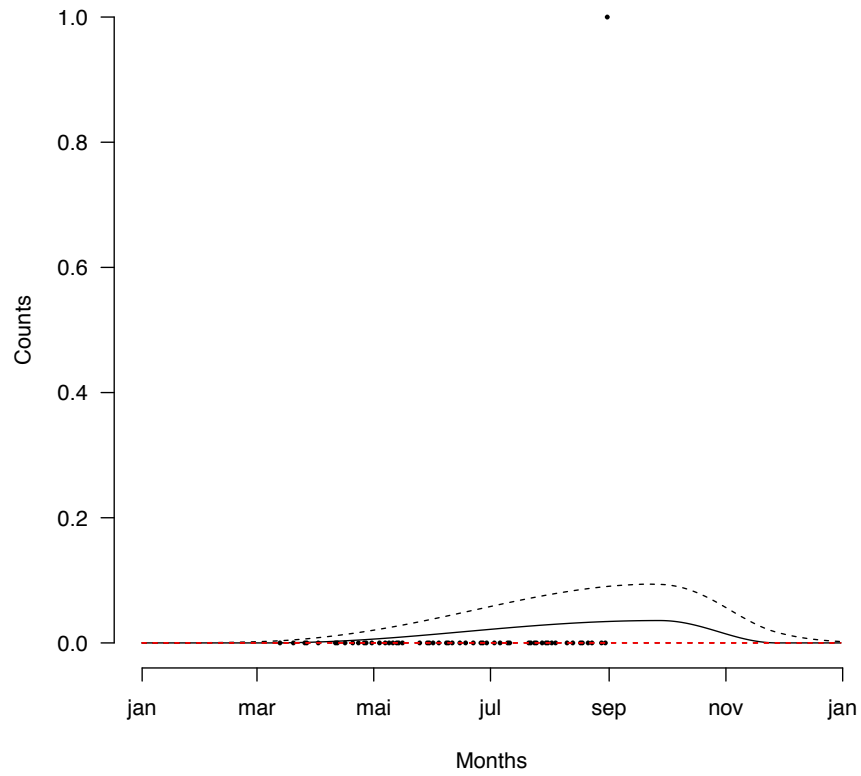
```
##
## Number of timeseries: 1
## -----
## 1#les amandiers@sainte rose-2014
## -----
## Estimation without the observed data
## Total number of counts: 69.7988 ; SD 39.3057
## Estimation taking into account the observed data
## Total number of counts: 69.4739 ; SD 36.7977
## 95% confidence interval: 4 - 143.0694
```

1#manbia@sainte rose-2008



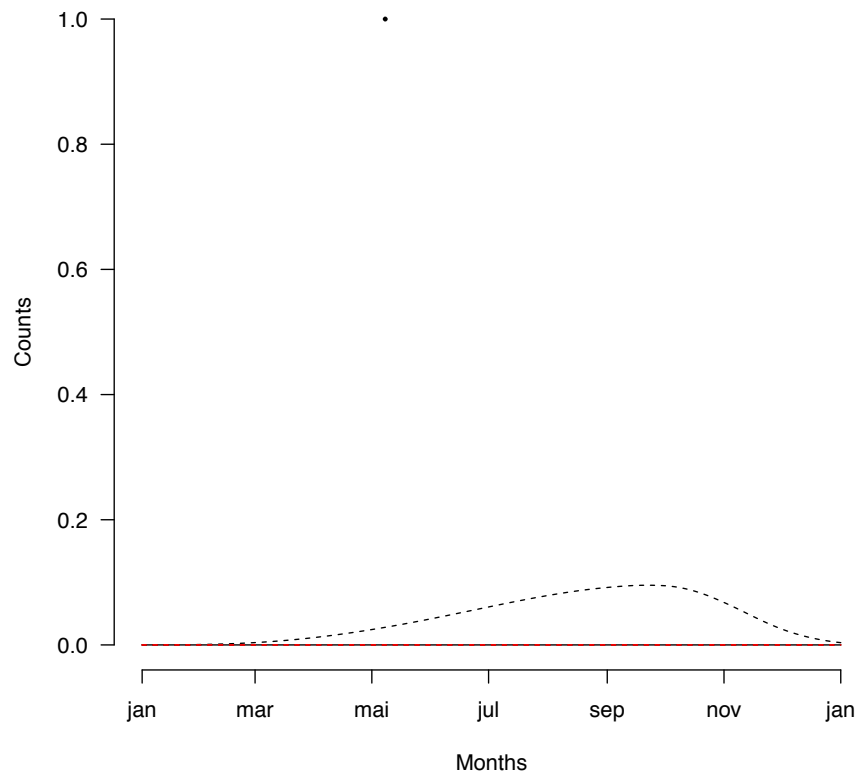
```
##
## Number of timeseries: 1
## -----
## 1#manbia@sainte rose-2008
## -----
## Estimation without the observed data
## Total number of counts: 10.7516 ; SD 7.6425
## Estimation taking into account the observed data
## Total number of counts: 10.6347 ; SD 6.8685
## 95% confidence interval: 1 - 24.3717
```

1#manbia@sainte rose-2012



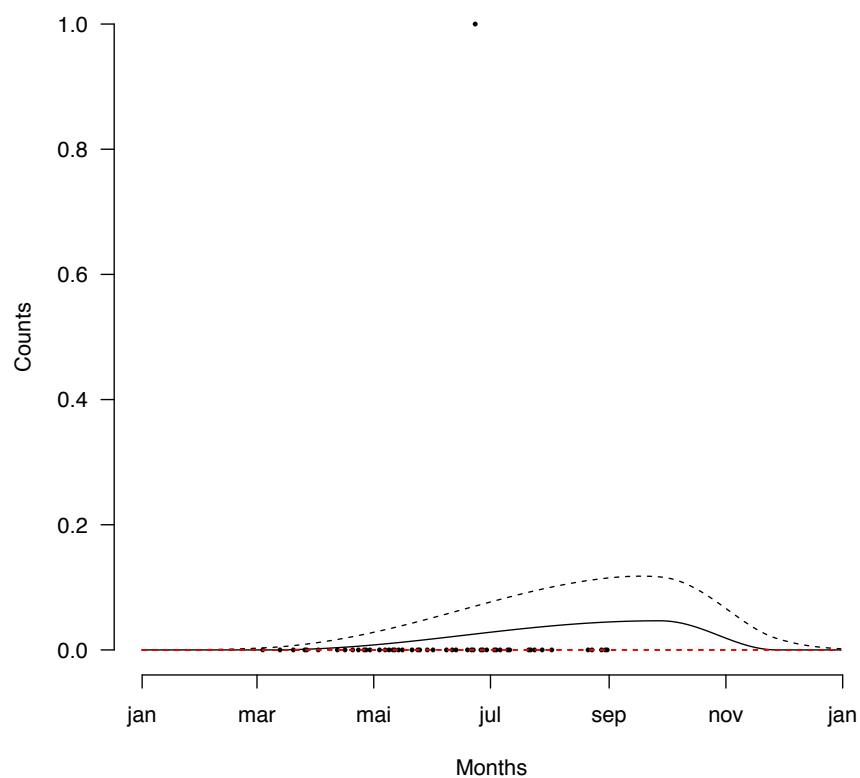
```
##
## Number of timeseries: 1
## -----
## 1#manbia@sainte rose-2012
## -----
## Estimation without the observed data
## Total number of counts: 5.6952 ; SD 3.9769
## Estimation taking into account the observed data
## Total number of counts: 5.5576 ; SD 3.205
## 95% confidence interval: 1 - 11.9676
```


1#pointe allegre@sainte rose-2007



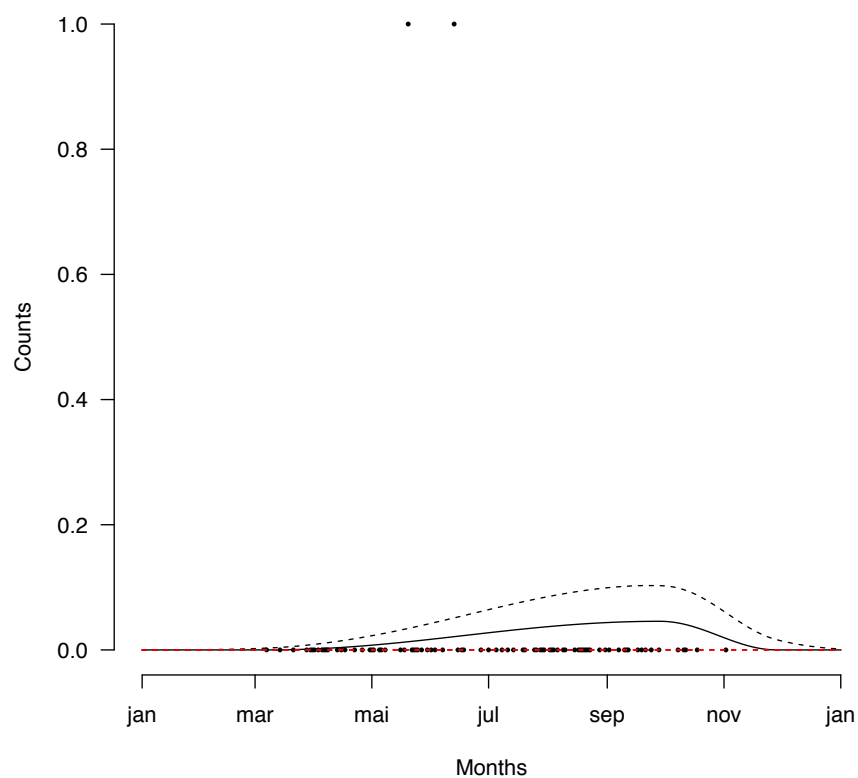
```
##
## Number of timeseries: 1
## -----
## 1#pointe allegre@sainte rose-2007
## -----
## Estimation without the observed data
## Total number of counts: 8.6964 ; SD 6.6911
## Estimation taking into account the observed data
## Total number of counts: 9.6825 ; SD 6.68
## 95% confidence interval: 1 - 23.0426
```

1#pointe allegre@sainte rose-2012



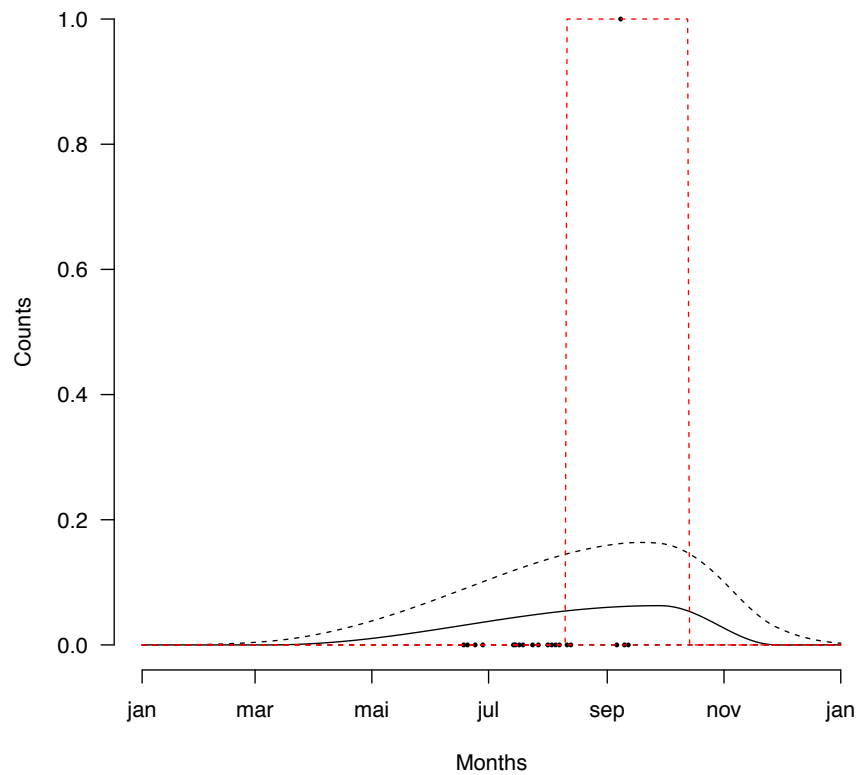
```
##
## Number of timeseries: 1
## -----
## 1#pointe allegre@sainte rose-2012
## -----
## Estimation without the observed data
## Total number of counts: 7.4279 ; SD 5.0089
## Estimation taking into account the observed data
## Total number of counts: 7.2252 ; SD 4.1827
## 95% confidence interval: 1 - 15.5907
```

1#pointe allegre@sainte rose-2014



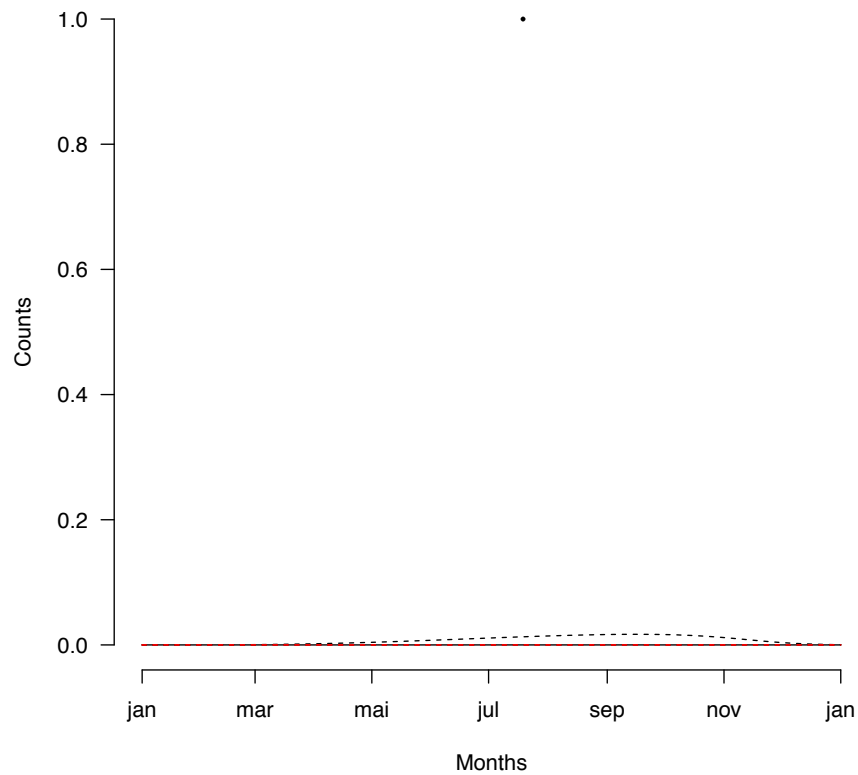
```
##
## Number of timeseries: 1
## -----
## 1#pointe allegre@sainte rose-2014
## -----
## Estimation without the observed data
## Total number of counts: 6.321 ; SD 3.9618
## Estimation taking into account the observed data
## Total number of counts: 6.2131 ; SD 2.6631
## 95% confidence interval: 2 - 11.5392
```

1#pointe d'antigue;cimetiere@port louis-2009



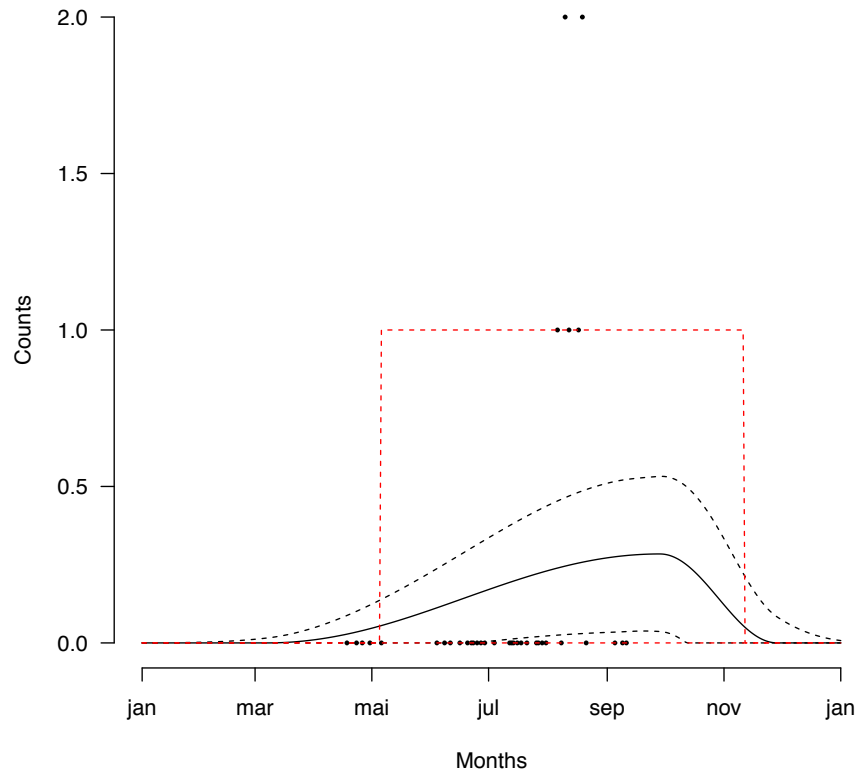
```
##
## Number of timeseries: 1
## -----
## 1#pointe d'antigue;cimetiere@port louis-2009
## -----
## Estimation without the observed data
## Total number of counts: 10.2081 ; SD 7.1091
## Estimation taking into account the observed data
## Total number of counts: 10.0409 ; SD 6.3094
## 95% confidence interval: 1 - 22.6597
```

1#pointe de la fontaine;pointe plate@anse bertrand-2013



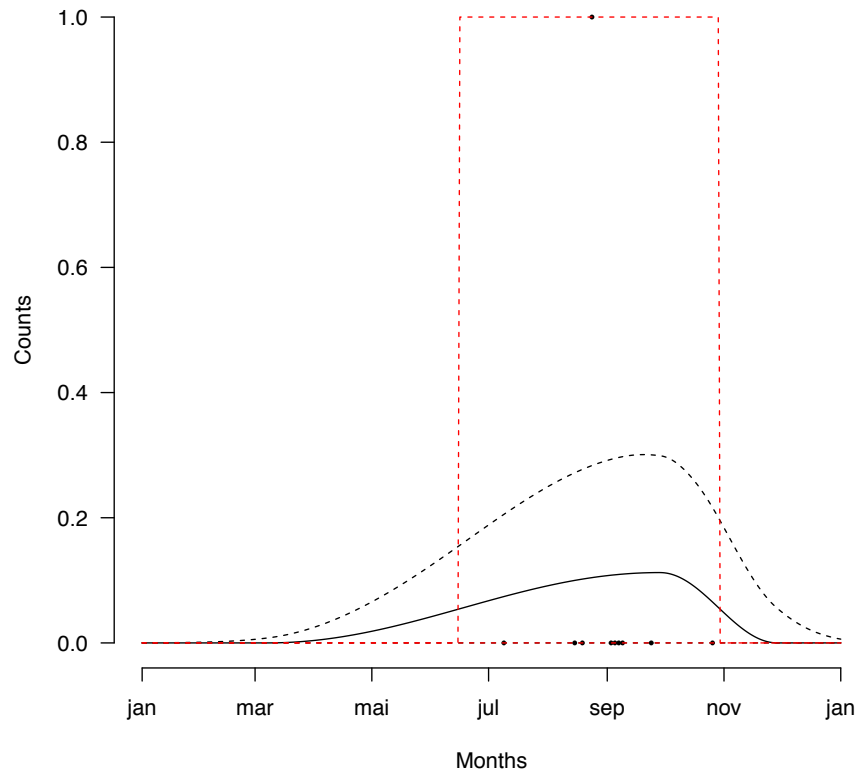
```
##
## Number of timeseries: 1
## -----
## 1#pointe de la fontaine;pointe plate@anse bertrand-2013
## -----
## Estimation without the observed data
## Total number of counts: 1.5009 ; SD 1.1807
## Estimation taking into account the observed data
## Total number of counts: 2.4928 ; SD 1.1744
## 95% confidence interval: 1 - 4.8416
```

1#port louis sud@port louis-2009



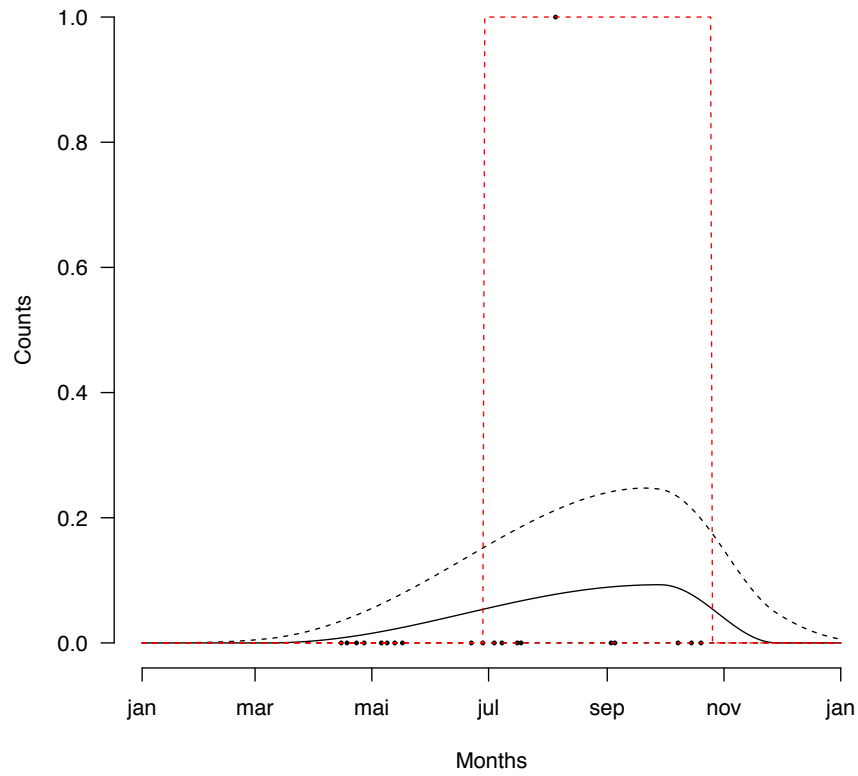
```
##
## Number of timeseries: 1
## -----
## 1#port louis sud@port louis-2009
## -----
## Estimation without the observed data
## Total number of counts: 37.1698 ; SD 17.0194
## Estimation taking into account the observed data
## Total number of counts: 37.8245 ; SD 14.1816
## 95% confidence interval: 9.4614 - 66.1876
```

1#port louis sud@port louis-2010



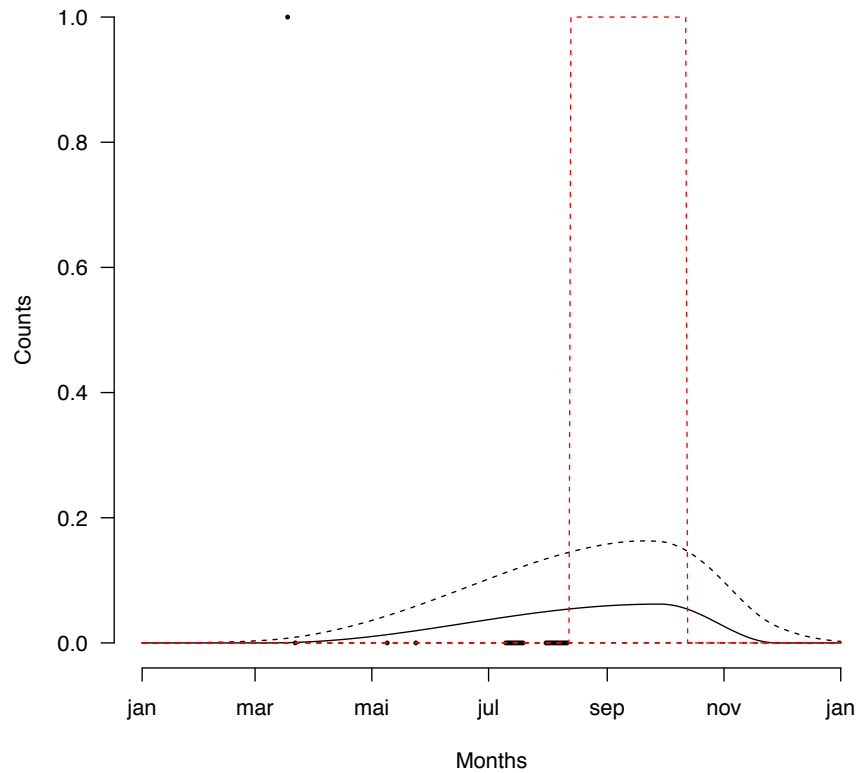
```
##
## Number of timeseries: 1
## -----
## 1#port louis sud@port louis-2010
## -----
## Estimation without the observed data
## Total number of counts: 19.1042 ; SD 13.0736
## Estimation taking into account the observed data
## Total number of counts: 18.8636 ; SD 12.2379
## 95% confidence interval: 1 - 43.3393
```

1#port louis sud@port louis-2014



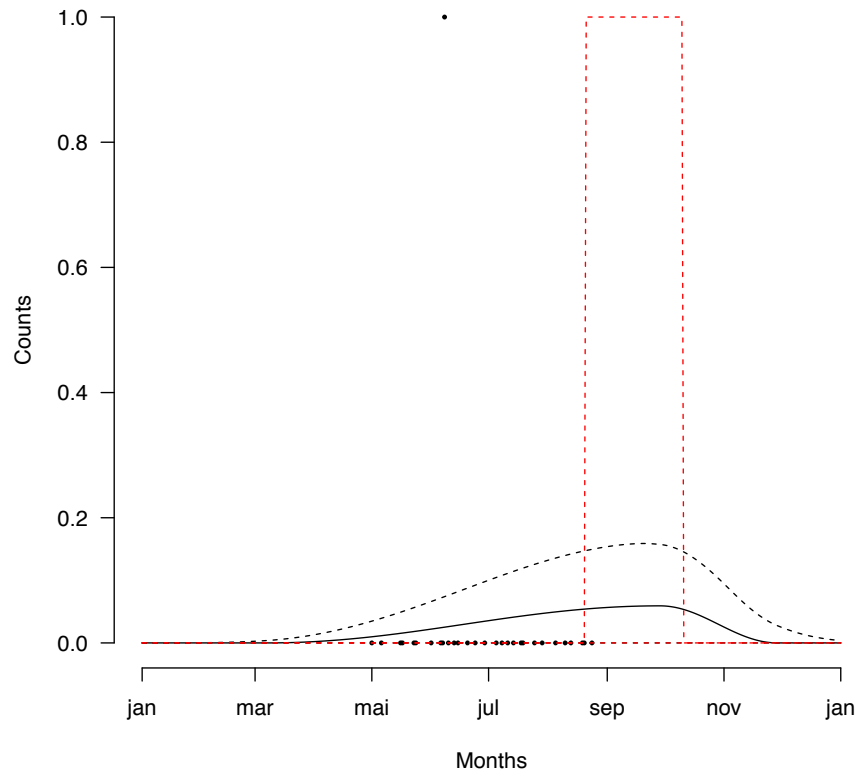
```
##
## Number of timeseries: 1
## -----
## 1#port louis sud@port louis-2014
## -----
## Estimation without the observed data
## Total number of counts: 14.9787 ; SD 10.7569
## Estimation taking into account the observed data
## Total number of counts: 14.8382 ; SD 9.9398
## 95% confidence interval: 1 - 34.7178
```


2#anse de la perle@deshaies-2009



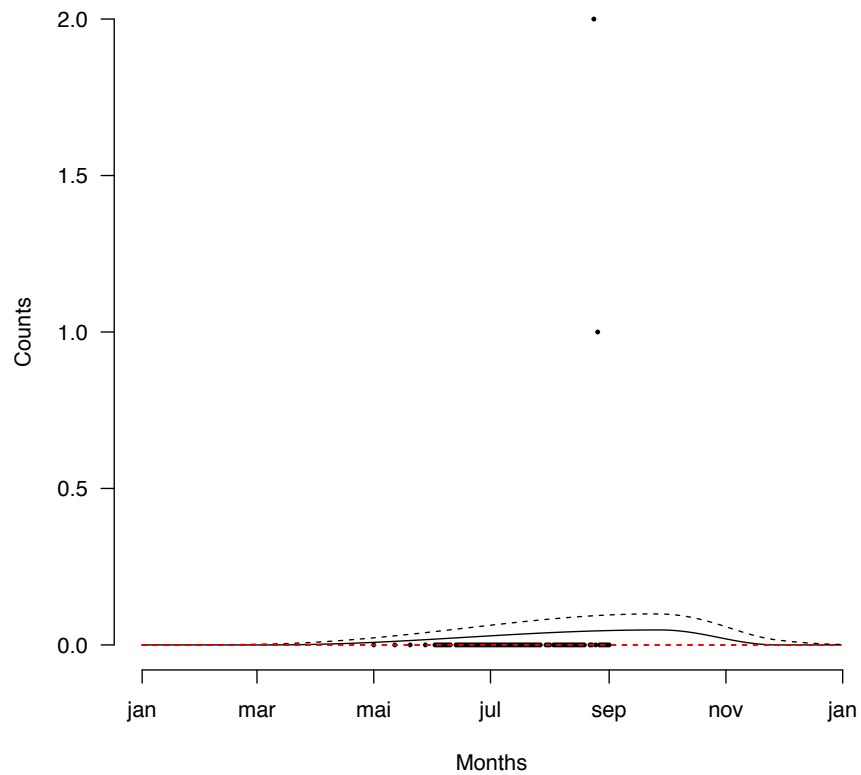
```
##
## Number of timeseries: 1
## -----
## 2#anse de la perle@deshaies-2009
## -----
## Estimation without the observed data
## Total number of counts: 9.6773 ; SD 6.9394
## Estimation taking into account the observed data
## Total number of counts: 9.4136 ; SD 6.0403
## 95% confidence interval: 1 - 21.4943
```

2#anse de la perle@deshaies-2014



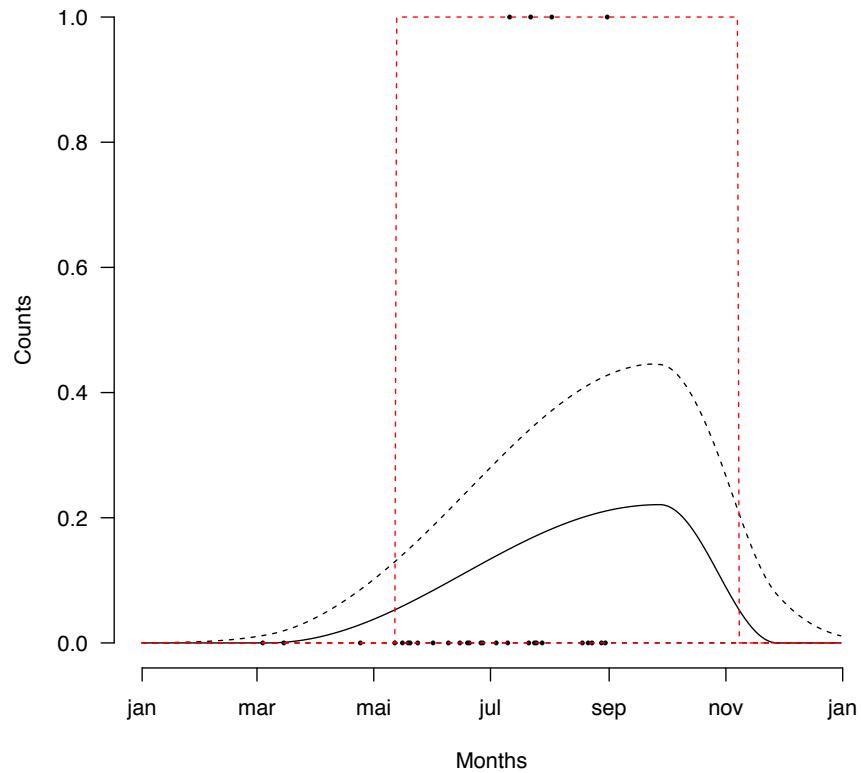
```
##
## Number of timeseries: 1
## -----
## 2#anse de la perle@deshaies-2014
## -----
## Estimation without the observed data
## Total number of counts: 9.4852 ; SD 6.9741
## Estimation taking into account the observed data
## Total number of counts: 9.288 ; SD 6.0944
## 95% confidence interval: 1 - 21.4767
```

2#anse machette@bouillante-2008



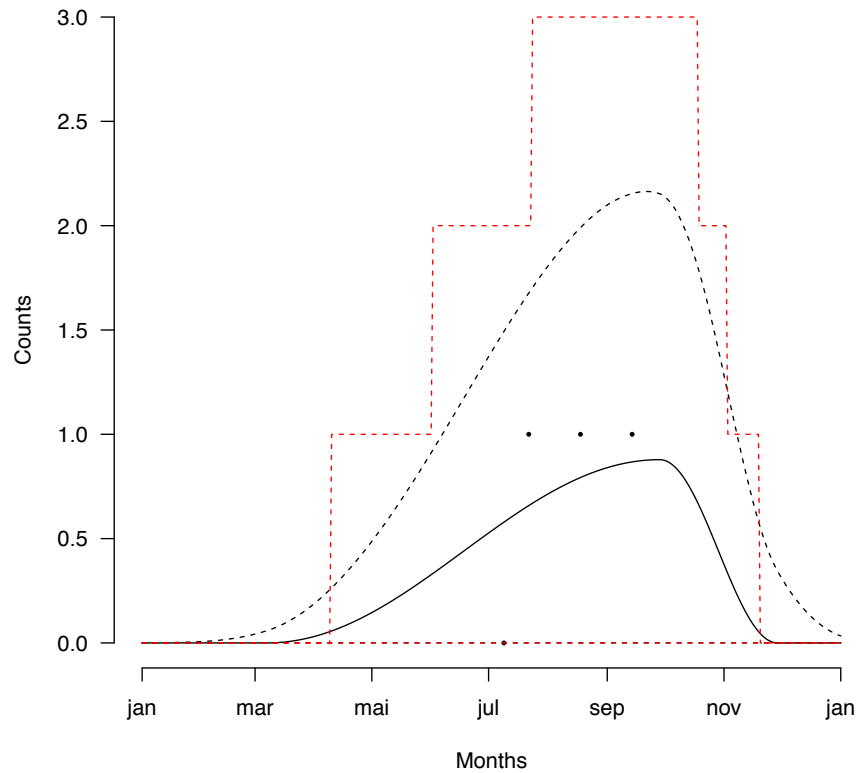
```
##
## Number of timeseries: 1
## -----
## 2#anse machette@bouillante-2008
## -----
## Estimation without the observed data
## Total number of counts: 6.3032 ; SD 3.5269
## Estimation taking into account the observed data
## Total number of counts: 6.44 ; SD 2.0013
## 95% confidence interval: 3 - 10.4425
```

2#anse tillet@deshaies-2012



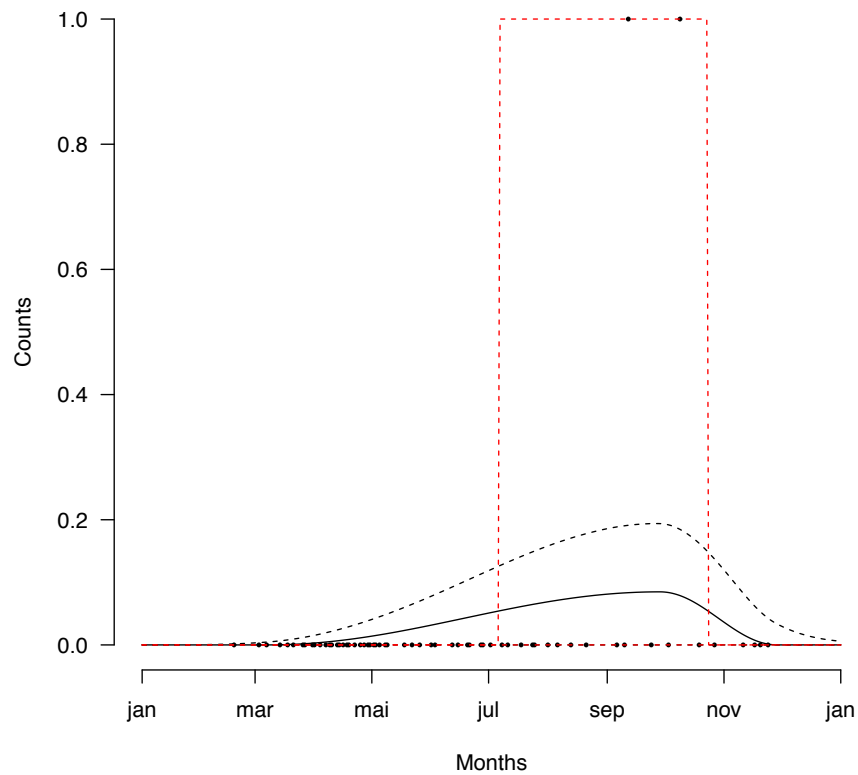
```
##
## Number of timeseries: 1
## -----
## 2#anse tillet@deshaies-2012
## -----
## Estimation without the observed data
## Total number of counts: 28.9154 ; SD 15.4653
## Estimation taking into account the observed data
## Total number of counts: 29.1948 ; SD 13.5319
## 95% confidence interval: 4 - 56.2586
```

2#bois flotte@bouillante-2013



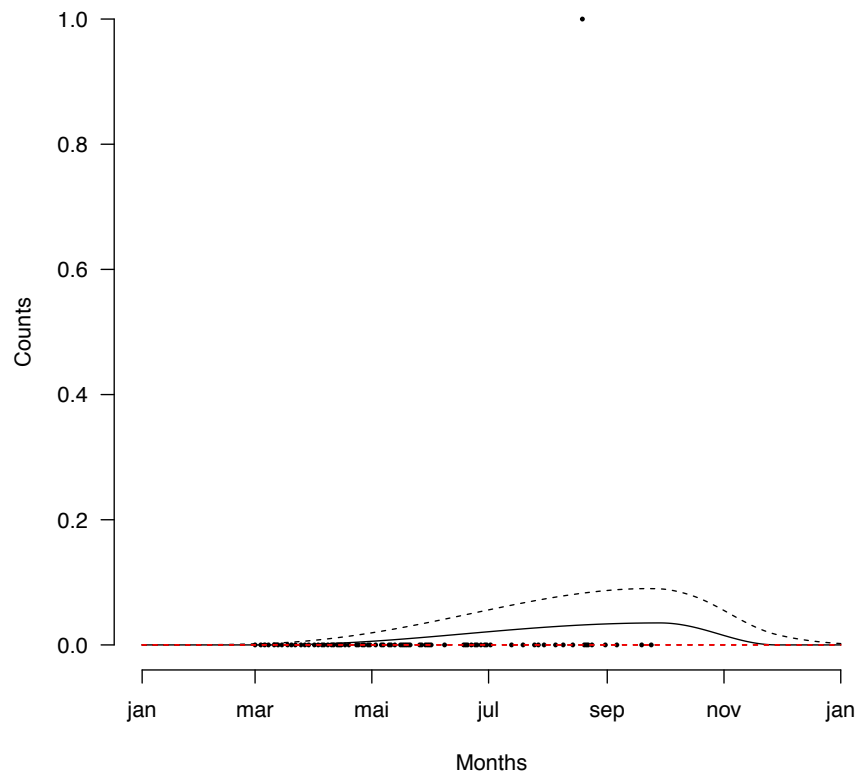
```
##
## Number of timeseries: 1
## -----
## 2#bois flotte@bouillante-2013
## -----
## Estimation without the observed data
## Total number of counts: 135.1174 ; SD 89.0737
## Estimation taking into account the observed data
## Total number of counts: 134.8077 ; SD 86.9236
## 95% confidence interval: 3 - 308.6548
```

2#cluny@sainte rose-2010



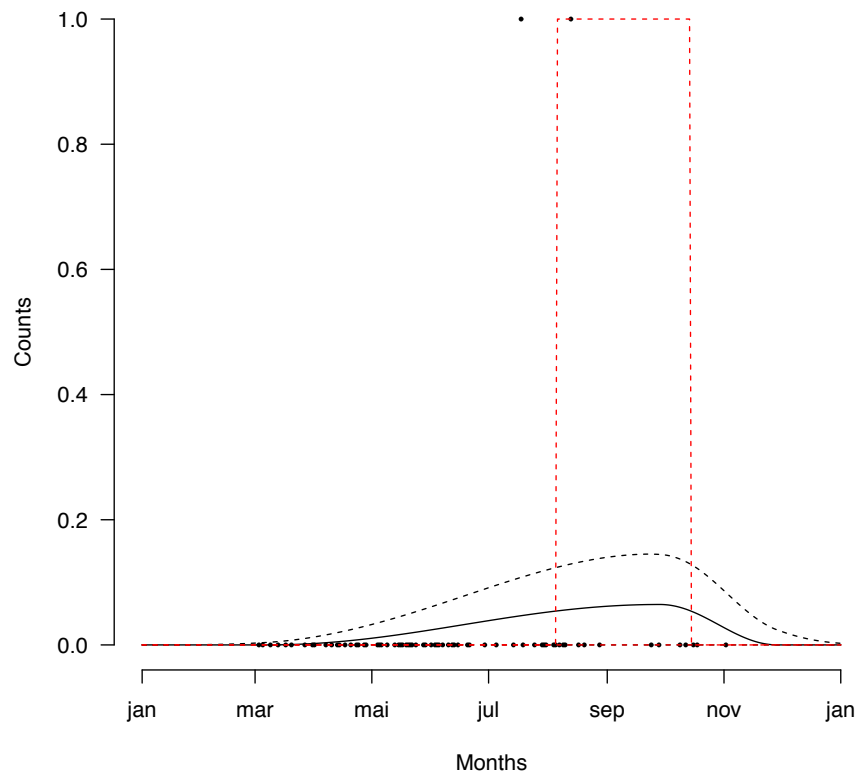
```
##
## Number of timeseries: 1
## -----
## 2#cluny@sainte rose-2010
## -----
## Estimation without the observed data
## Total number of counts: 12.0514 ; SD 7.4481
## Estimation taking into account the observed data
## Total number of counts: 12.0196 ; SD 6.2054
## 95% confidence interval: 2 - 24.4305
```

2#cluny@sainte rose-2013



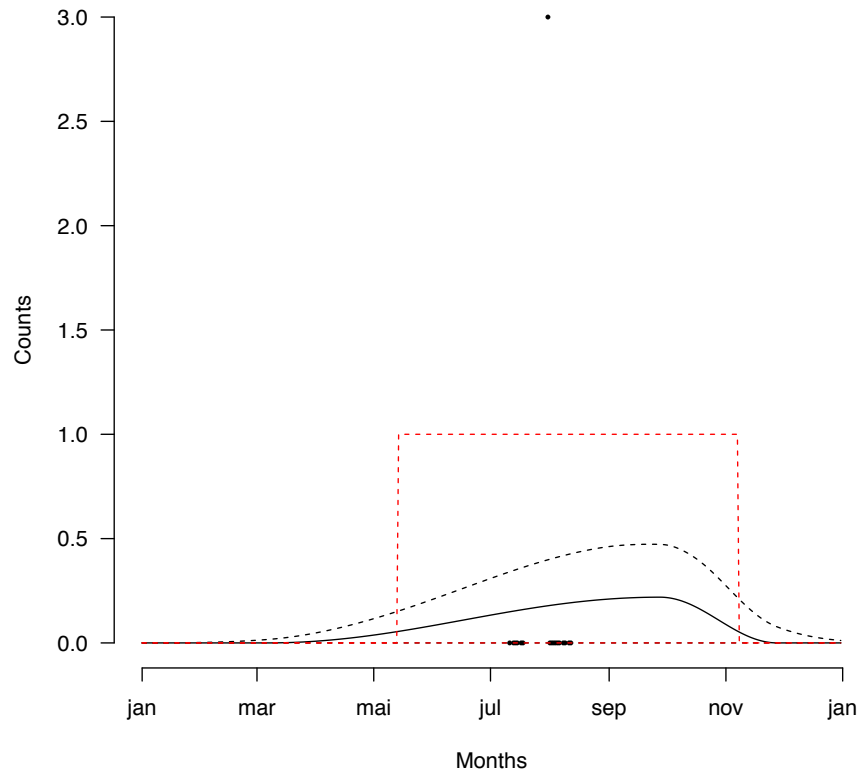
```
##
## Number of timeseries: 1
## -----
## 2#cluny@sainte rose-2013
## -----
## Estimation without the observed data
## Total number of counts: 5.4723 ; SD 3.7656
## Estimation taking into account the observed data
## Total number of counts: 5.3426 ; SD 3.0056
## 95% confidence interval: 1 - 11.3538
```

2#cluny@sainte rose-2014



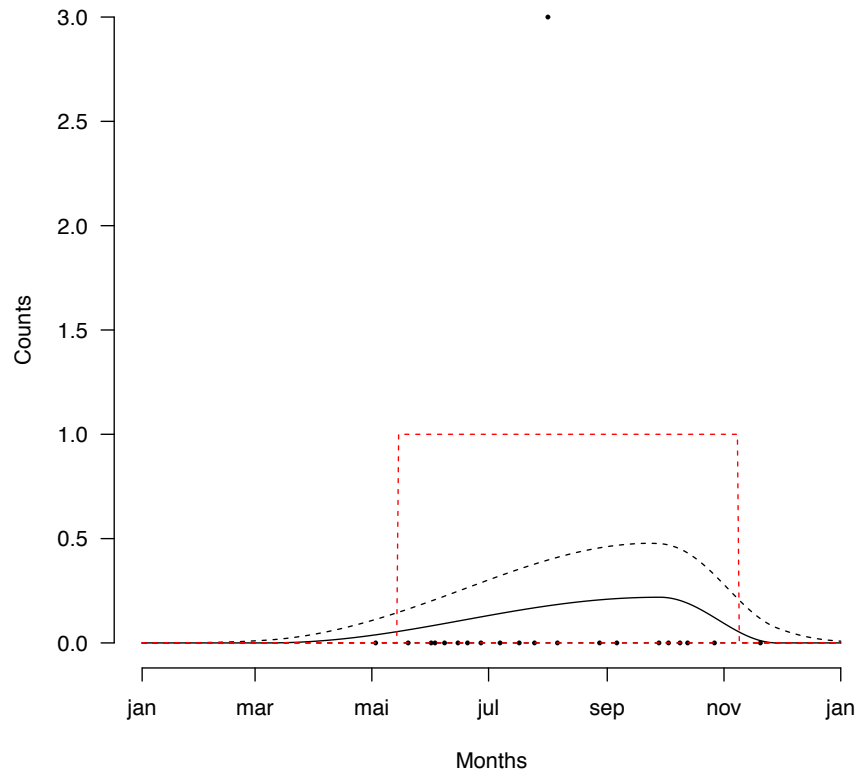
```
##
## Number of timeseries: 1
## -----
## 2#cluny@sainte rose-2014
## -----
## Estimation without the observed data
## Total number of counts: 9.0433 ; SD 5.577
## Estimation taking into account the observed data
## Total number of counts: 9.0275 ; SD 4.3302
## 95% confidence interval: 2 - 17.6878
```


2#fort royal@deshaies-2008



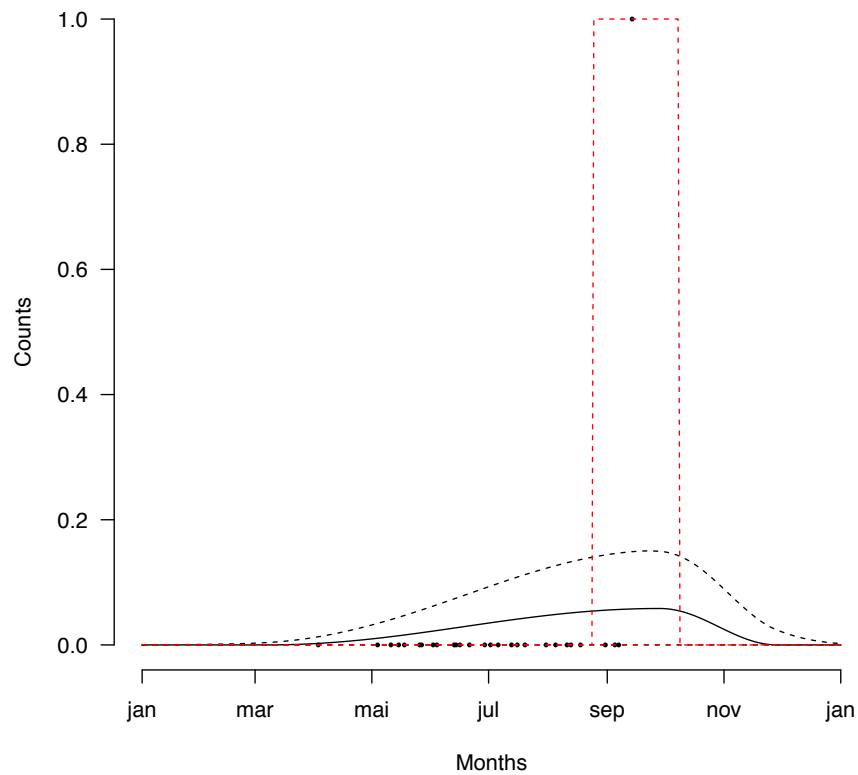
```
##
## Number of timeseries: 1
## -----
## 2#fort royal@deshaies-2008
## -----
## Estimation without the observed data
## Total number of counts: 30.4801 ; SD 17.8572
## Estimation taking into account the observed data
## Total number of counts: 30.4119 ; SD 16.0798
## 95% confidence interval: 3 - 62.5715
```

2#fort royal@deshaies-2010



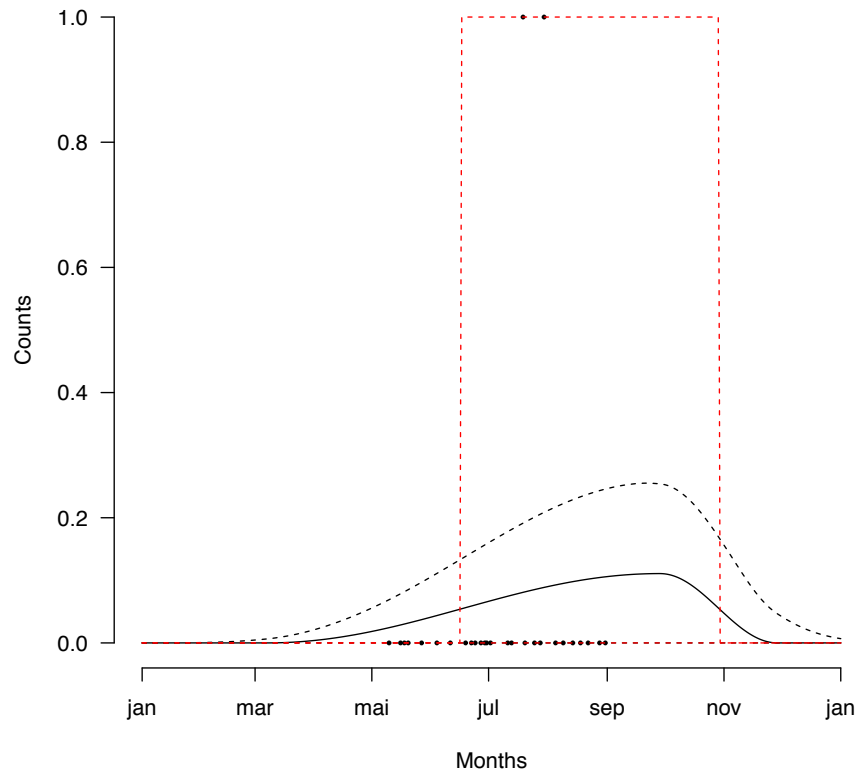
```
##
## Number of timeseries: 1
## -----
## 2#fort royal@deshaies-2010
## -----
## Estimation without the observed data
## Total number of counts: 29.2024 ; SD 17.8999
## Estimation taking into account the observed data
## Total number of counts: 29.3668 ; SD 16.1696
## 95% confidence interval: 3 - 61.706
```

2#fort royal@deshaies-2011



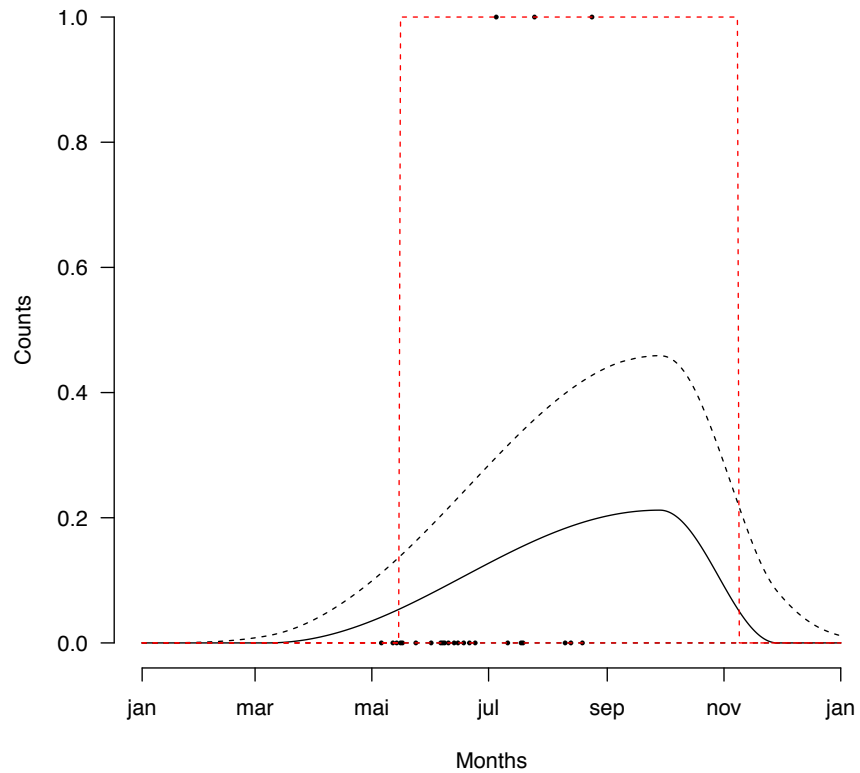
```
##
## Number of timeseries: 1
## -----
## 2#fort royal@deshaies-2011
## -----
## Estimation without the observed data
## Total number of counts: 9.174 ; SD 6.313
## Estimation taking into account the observed data
## Total number of counts: 9.05 ; SD 5.5532
## 95% confidence interval: 1 - 20.1564
```

2#fort royal@deshaies-2013



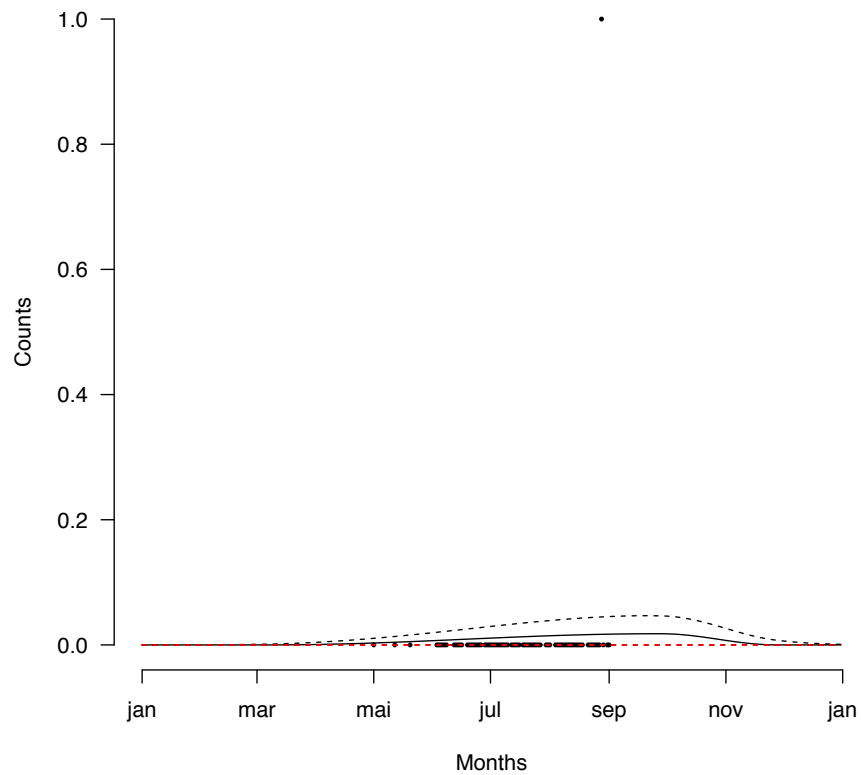
```
##
## Number of timeseries: 1
## -----
## 2#fort royal@deshaies-2013
## -----
## Estimation without the observed data
## Total number of counts: 15.6622 ; SD 10.1064
## Estimation taking into account the observed data
## Total number of counts: 15.6136 ; SD 8.8173
## 95% confidence interval: 2 - 33.2482
```

2#fort royal@deshaies-2014



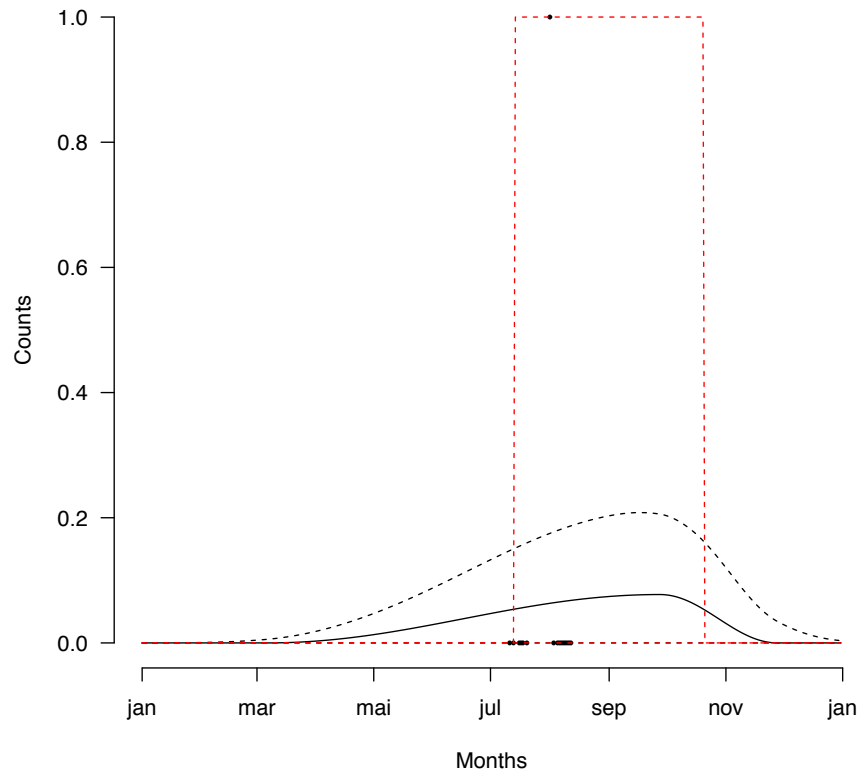
```
##
## Number of timeseries: 1
## -----
## 2#fort royal@deshaies-2014
## -----
## Estimation without the observed data
## Total number of counts: 30.1339 ; SD 17.1259
## Estimation taking into account the observed data
## Total number of counts: 30.2134 ; SD 15.5179
## 95% confidence interval: 3 - 61.2492
```

2#galets rouges@bouillante-2008



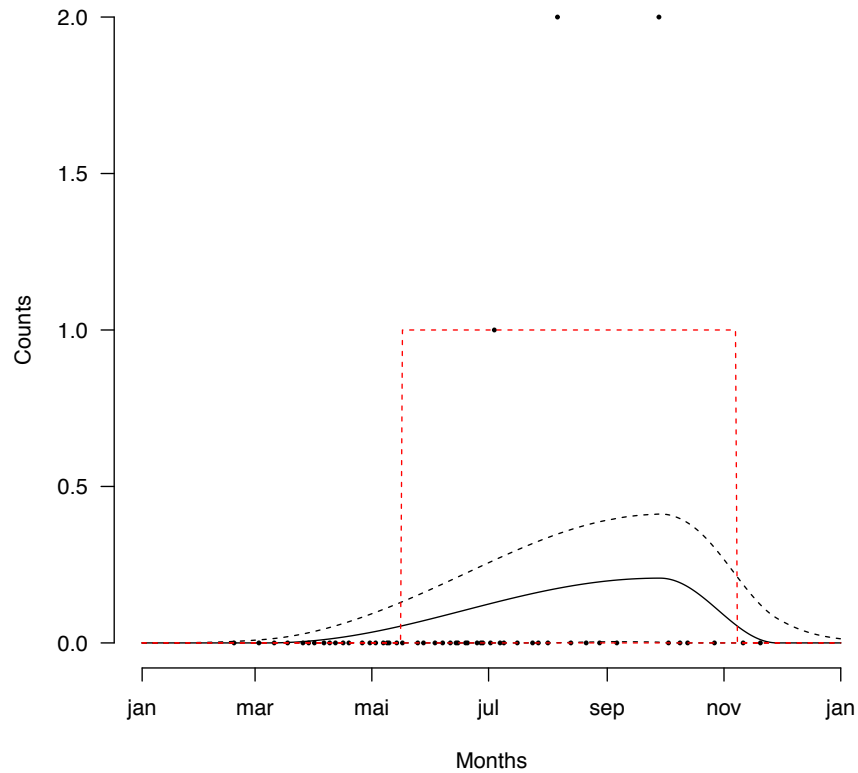
```
##
## Number of timeseries: 1
## -----
## 2#galets rouges@bouillante-2008
## -----
## Estimation without the observed data
## Total number of counts: 2.8432 ; SD 1.9689
## Estimation taking into account the observed data
## Total number of counts: 2.6801 ; SD 1.1813
## 95% confidence interval: 1 - 5.0426
```

2#grande anse@deshaies-2008



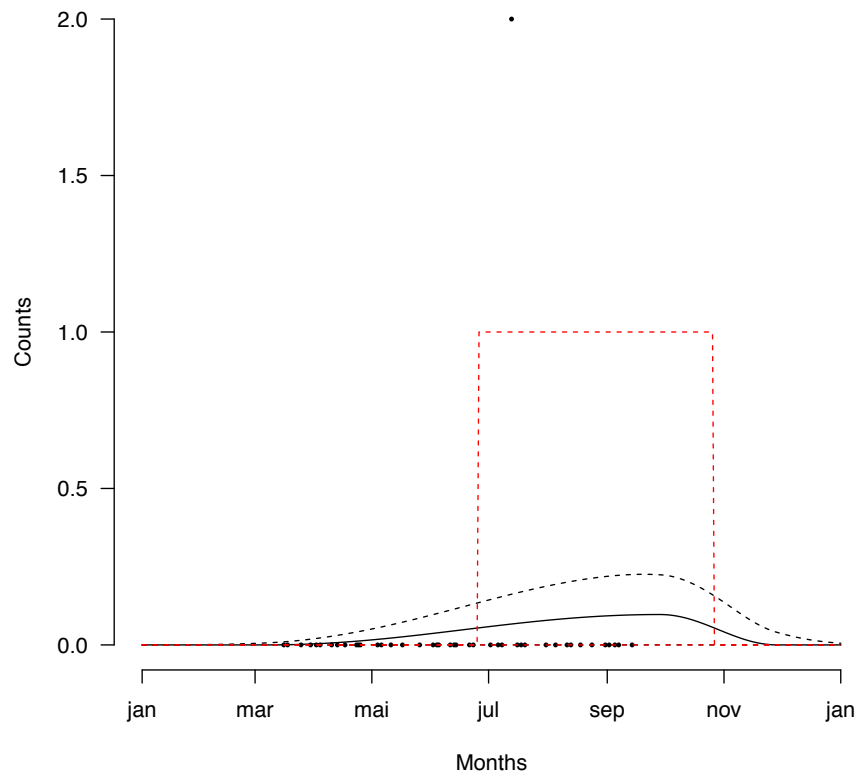
```
##
## Number of timeseries: 1
## -----
## 2#grande anse@deshaies-2008
## -----
## Estimation without the observed data
## Total number of counts: 12.5729 ; SD 9.0863
## Estimation taking into account the observed data
## Total number of counts: 12.3743 ; SD 8.2317
## 95% confidence interval: 1 - 28.8377
```

2#grande anse@deshaies-2010



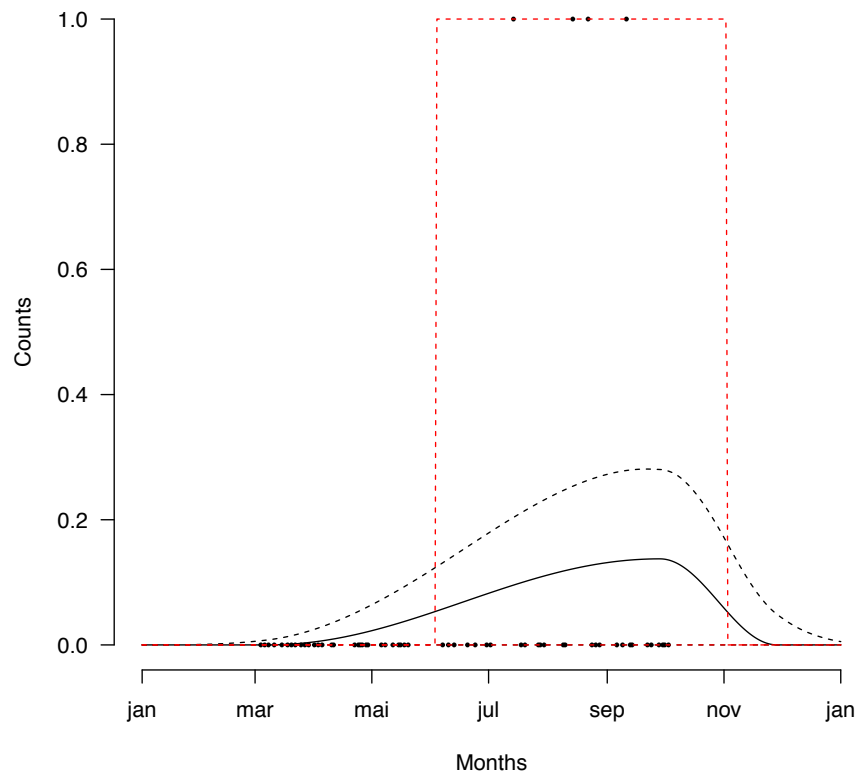
```
##
## Number of timeseries: 1
## -----
## 2#grande anse@deshaies-2010
## -----
## Estimation without the observed data
## Total number of counts: 28.632 ; SD 13.9271
## Estimation taking into account the observed data
## Total number of counts: 28.854 ; SD 11.6494
## 95% confidence interval: 5.5553 - 52.1527
```


2#grande anse@deshaies-2011



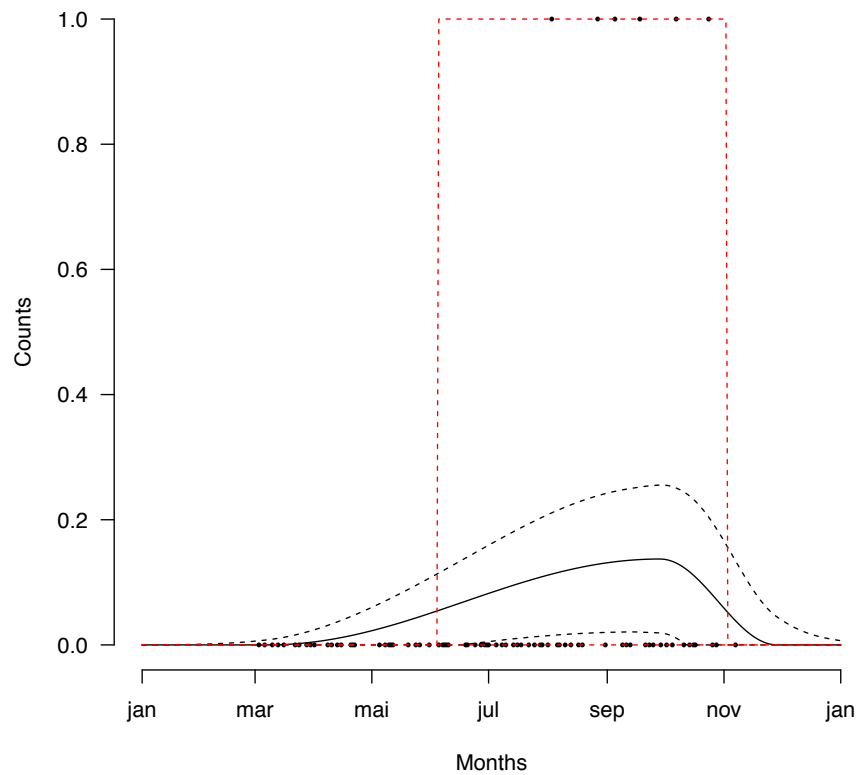
```
##
## Number of timeseries: 1
## -----
## 2#grande anse@deshaies-2011
## -----
## Estimation without the observed data
## Total number of counts: 13.6037 ; SD 9.0796
## Estimation taking into account the observed data
## Total number of counts: 13.5201 ; SD 7.7056
## 95% confidence interval: 2 - 28.9313
```

2#grande anse@deshaies-2013



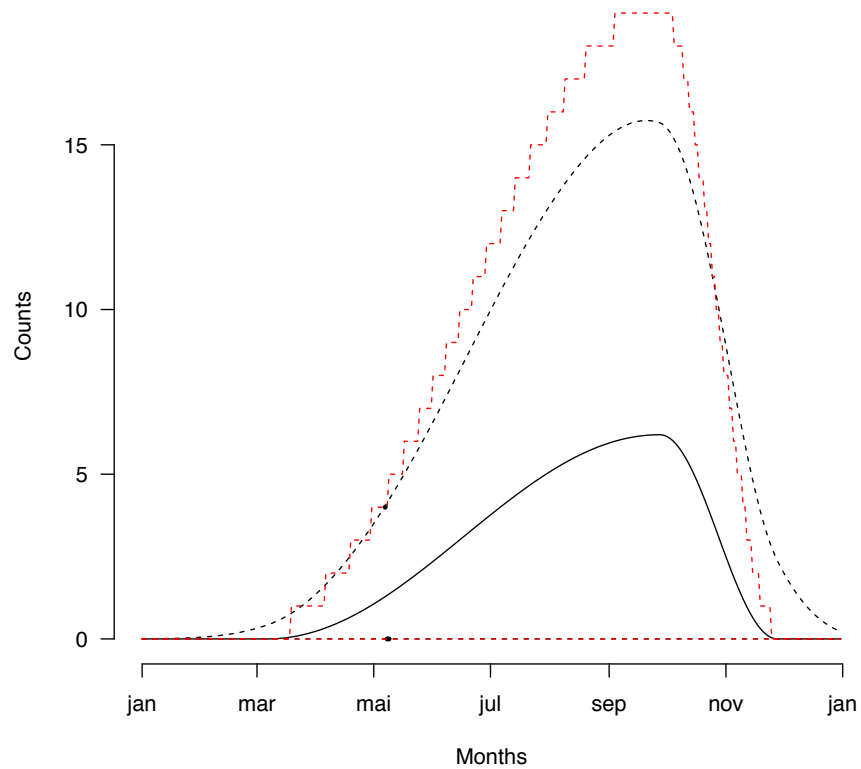
```
##
## Number of timeseries: 1
## -----
## 2#grande anse@deshaies-2013
## -----
## Estimation without the observed data
## Total number of counts: 18.6176 ; SD 9.9533
## Estimation taking into account the observed data
## Total number of counts: 18.7028 ; SD 7.8825
## 95% confidence interval: 4 - 34.4678
```

2#grande anse@deshaies-2014



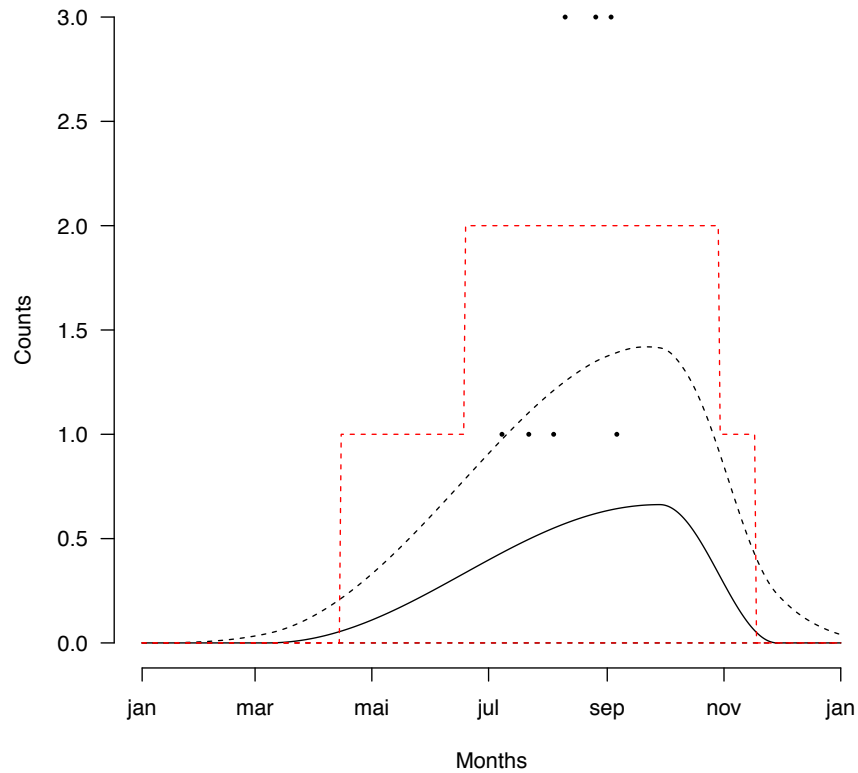
```
##
## Number of timeseries: 1
## -----
## 2#grande anse@deshaies-2014
## -----
## Estimation without the observed data
## Total number of counts: 18.3195 ; SD 8.0097
## Estimation taking into account the observed data
## Total number of counts: 18.6504 ; SD 5.5795
## 95% confidence interval: 7.4914 - 29.8094
```

2#ilet kahouanne@deshaies-2008



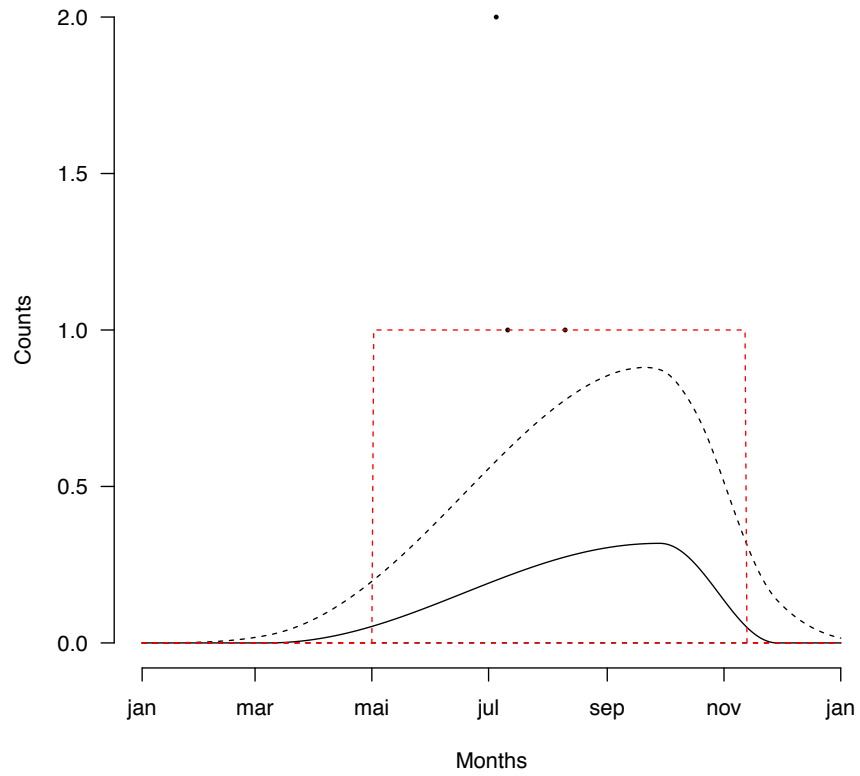
```
##
## Number of timeseries: 1
## -----
## 2#ilet kahouanne@deshaies-2008
## -----
## Estimation without the observed data
## Total number of counts: 924.913 ; SD 656.822
## Estimation taking into account the observed data
## Total number of counts: 924.2719 ; SD 653.4584
## 95% confidence interval: 4 - 2231.1887
```

2#ilet kahouanne@deshaies-2010



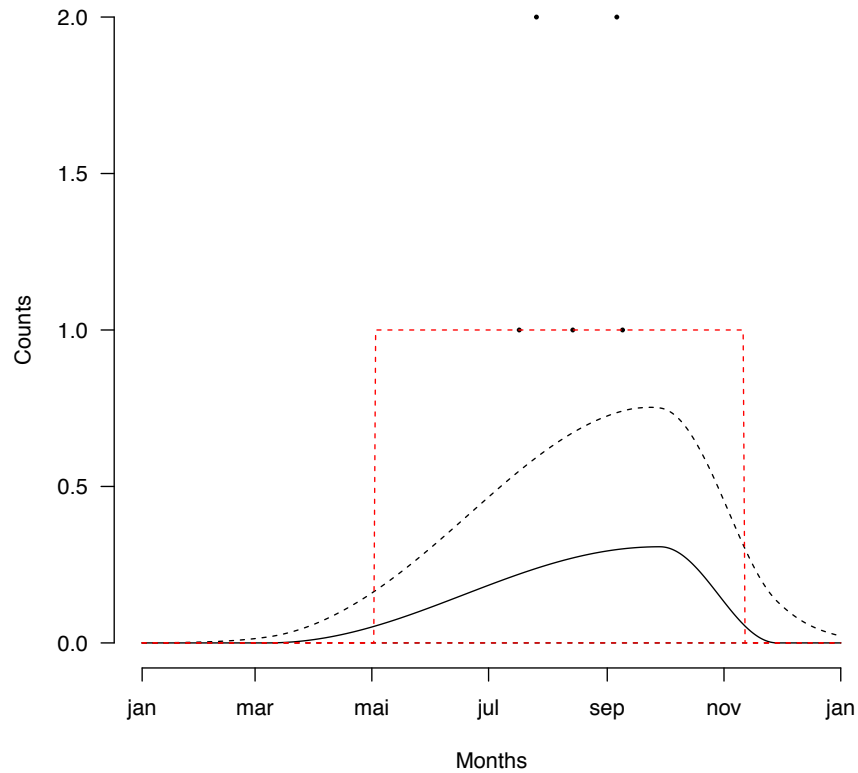
```
##
## Number of timeseries: 1
## -----
## 2#ilet kahouanne@deshaies-2010
## -----
## Estimation without the observed data
## Total number of counts: 90.7438 ; SD 52.7626
## Estimation taking into account the observed data
## Total number of counts: 99.7228 ; SD 50.4745
## 95% confidence interval: 13 - 200.6717
```

2#ilet kahouanne@deshaises-2011



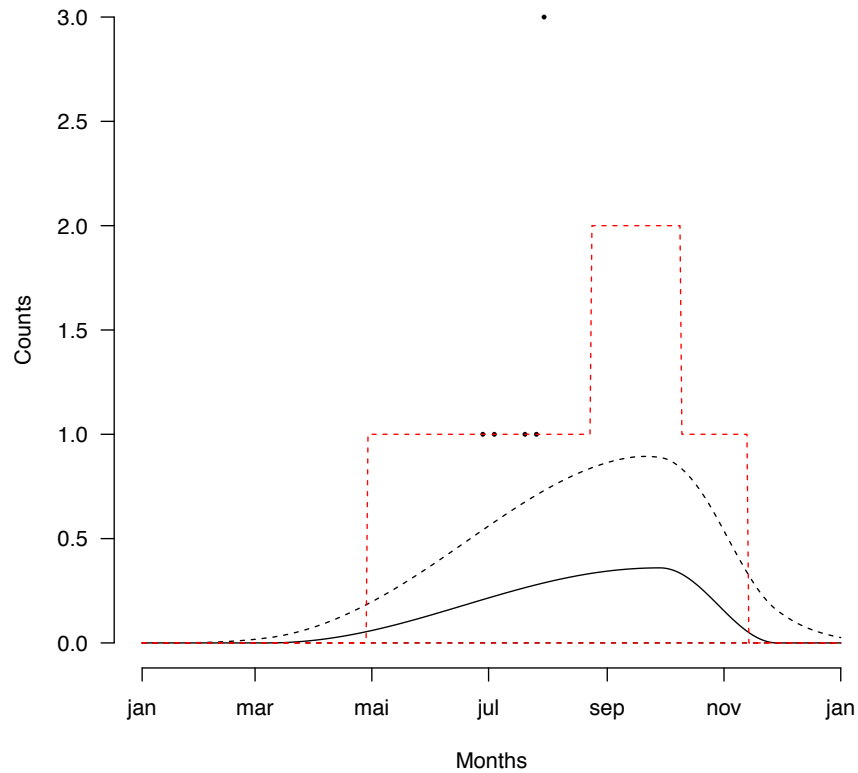
```
##
## Number of timeseries: 1
## -----
## 2#ilet kahouanne@deshaises-2011
## -----
## Estimation without the observed data
## Total number of counts: 53.1946 ; SD 38.7004
## Estimation taking into account the observed data
## Total number of counts: 56.3367 ; SD 38.0768
## 95% confidence interval: 4 - 132.4902
```

2#ilet kahouanne@deshaies-2013



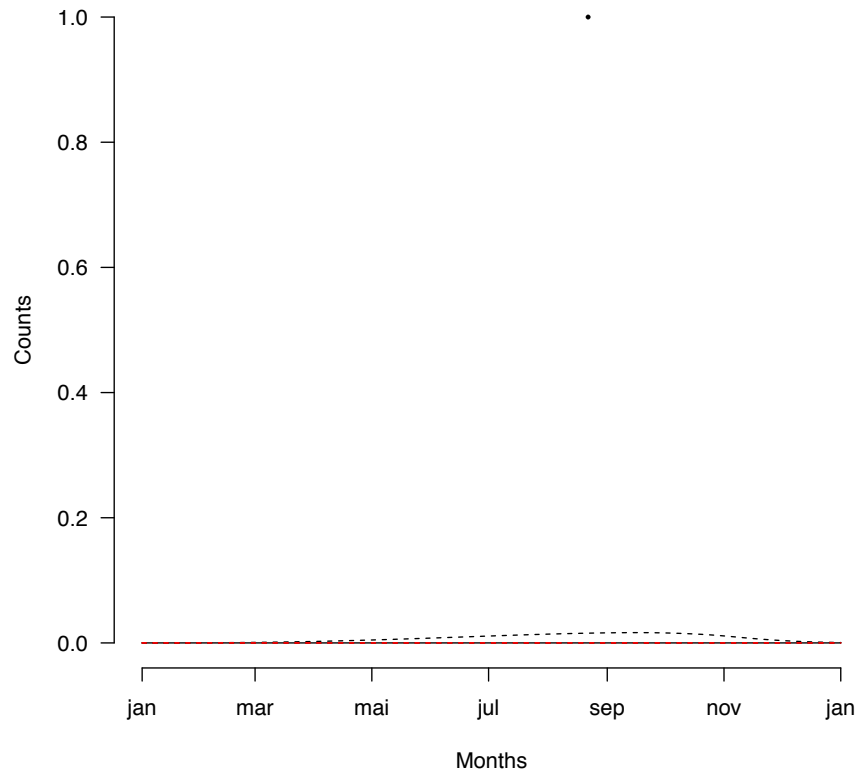
```
##
## Number of timeseries: 1
## -----
## 2#ilet kahouanne@deshaies-2013
## -----
## Estimation without the observed data
## Total number of counts: 45.6425 ; SD 30.6256
## Estimation taking into account the observed data
## Total number of counts: 51.182 ; SD 29.6673
## 95% confidence interval: 7 - 110.5166
```

2#ilet kahouanne@deshaies-2014



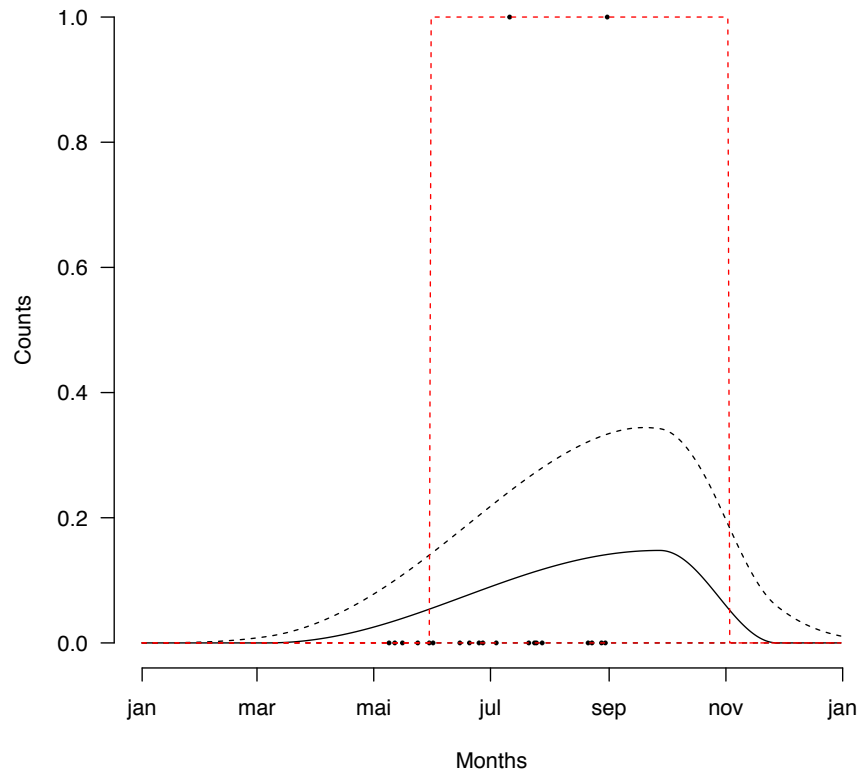
```
##
## Number of timeseries: 1
## -----
## 2#ilet kahouanne@deshaies-2014
## -----
## Estimation without the observed data
## Total number of counts: 54.8797 ; SD 37.3003
## Estimation taking into account the observed data
## Total number of counts: 60.4502 ; SD 36.3485
## 95% confidence interval: 7 - 133.1472
```


2#plage des pecheurs@gourbeyre-2011



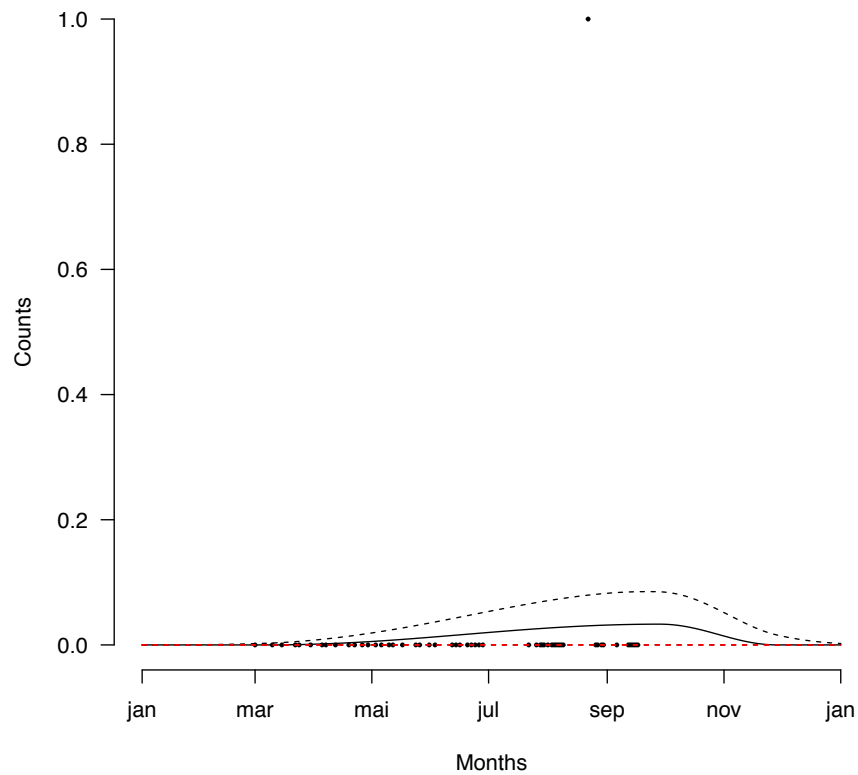
```
##
## Number of timeseries: 1
## -----
## 2#plage des pecheurs@gourbeyre-2011
## -----
## Estimation without the observed data
## Total number of counts: 1.521 ; SD 1.1599
## Estimation taking into account the observed data
## Total number of counts: 2.5107 ; SD 1.1522
## 95% confidence interval: 1 - 4.8152
```

2#rifflet@deshaies-2012



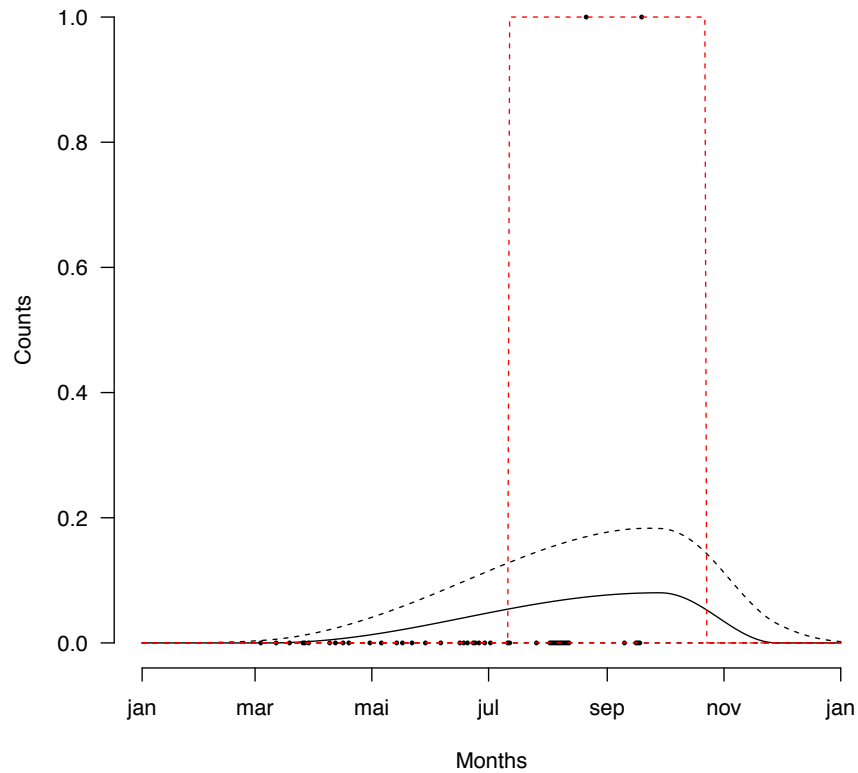
```
##
## Number of timeseries: 1
## -----
## 2#rifflet@deshaies-2012
## -----
## Estimation without the observed data
## Total number of counts: 20.412 ; SD 13.6648
## Estimation taking into account the observed data
## Total number of counts: 20.4381 ; SD 12.3592
## 95% confidence interval: 2 - 45.1564
```

2#riviere sens@gourbeyre-2011



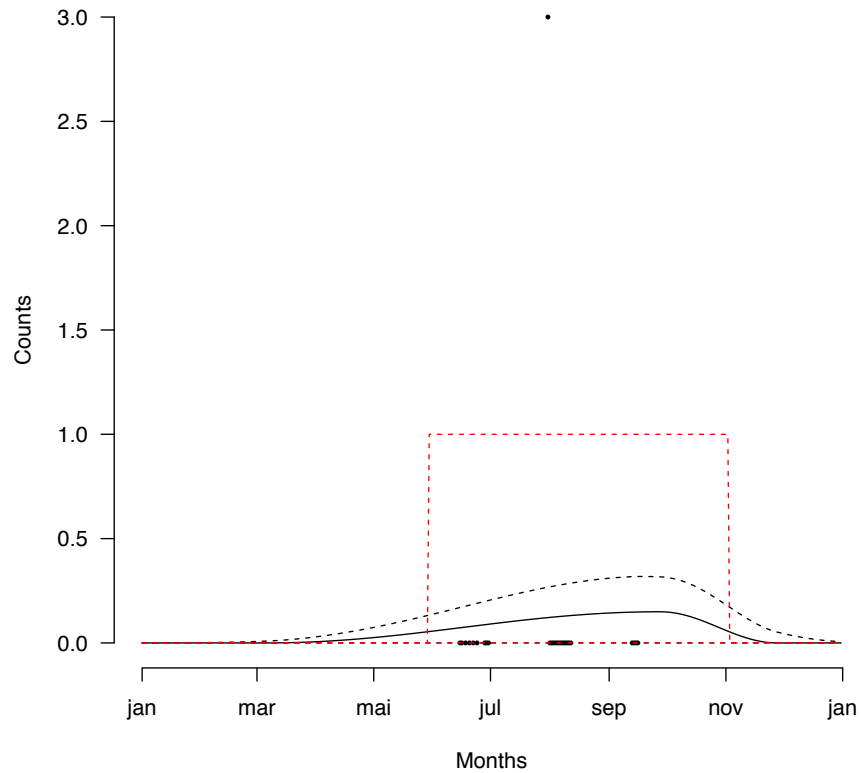
```
##
## Number of timeseries: 1
## -----
## 2#riviere sens@gourbeyre-2011
## -----
## Estimation without the observed data
## Total number of counts: 5.1345 ; SD 3.632
## Estimation taking into account the observed data
## Total number of counts: 5.0046 ; SD 2.8496
## 95% confidence interval: 1 - 10.7038
```

3#anse du grand marigot (cayenne)@capesterre belle eau-2013



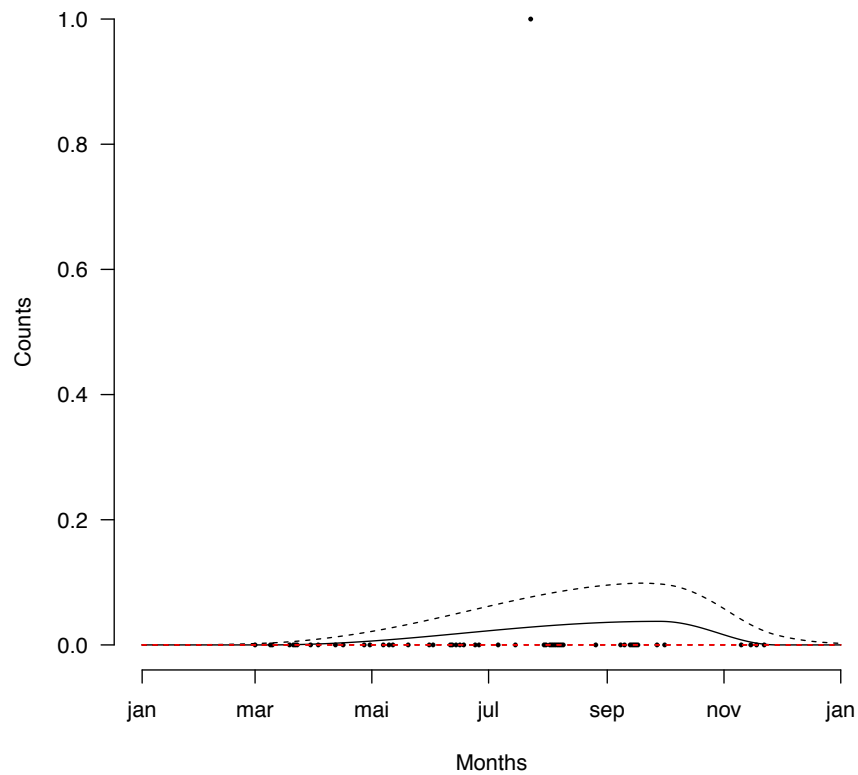
```
##
## Number of timeseries: 1
## -----
## 3#anse du grand marigot (cayenne)@capesterre belle eau-2013
## -----
## Estimation without the observed data
## Total number of counts: 11.578 ; SD 7.1836
## Estimation taking into account the observed data
## Total number of counts: 11.5059 ; SD 5.9278
## 95% confidence interval: 2 - 23.3615
```

3#esclaves (anse de la fontaine)@capesterre belle eau-2008



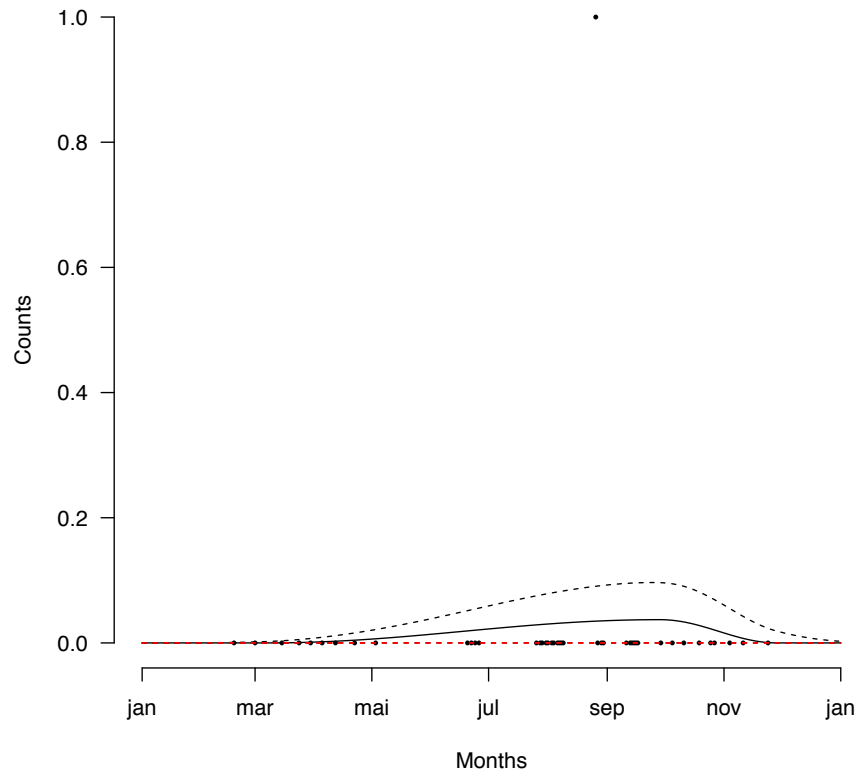
```
##
## Number of timeseries: 1
## -----
## 3#esclaves (anse de la fontaine)@capesterre belle eau-2008
## -----
## Estimation without the observed data
## Total number of counts: 19.7769 ; SD 11.8931
## Estimation taking into account the observed data
## Total number of counts: 19.8739 ; SD 10.1725
## 95% confidence interval: 3 - 40.2189
```

3#esclaves (anse de la fontaine)@capesterre belle eau-2010



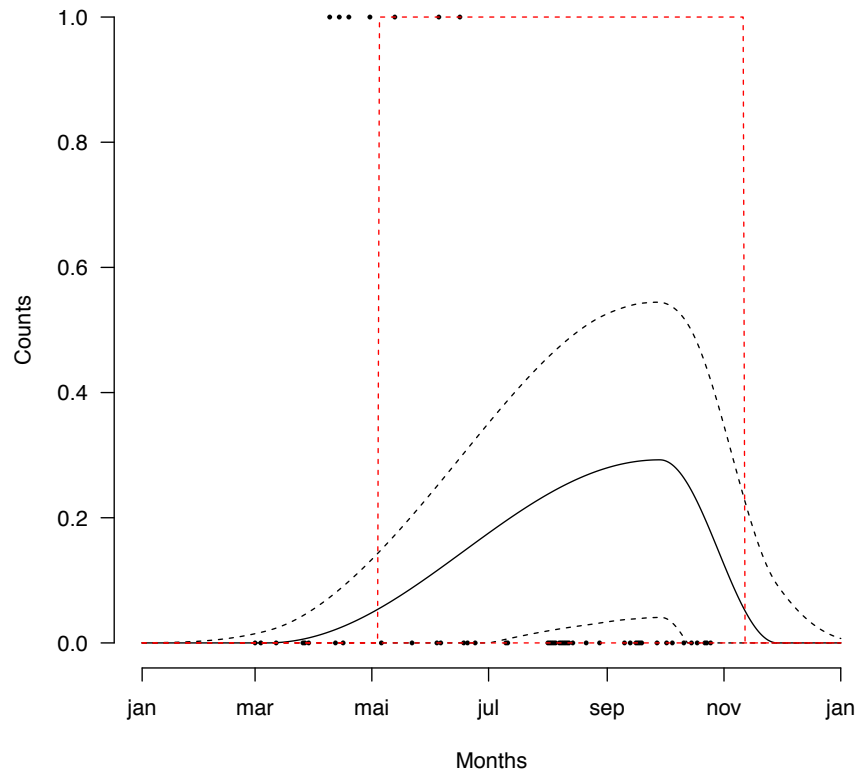
```
##
## Number of timeseries: 1
## -----
## 3#esclaves (anse de la fontaine)@capesterre belle eau-2010
## -----
## Estimation without the observed data
## Total number of counts: 6.1406 ; SD 4.1767
## Estimation taking into account the observed data
## Total number of counts: 5.9141 ; SD 3.3458
## 95% confidence interval: 1 - 12.6056
```

3#esclaves (anse de la fontaine)@capesterre belle eau-2011



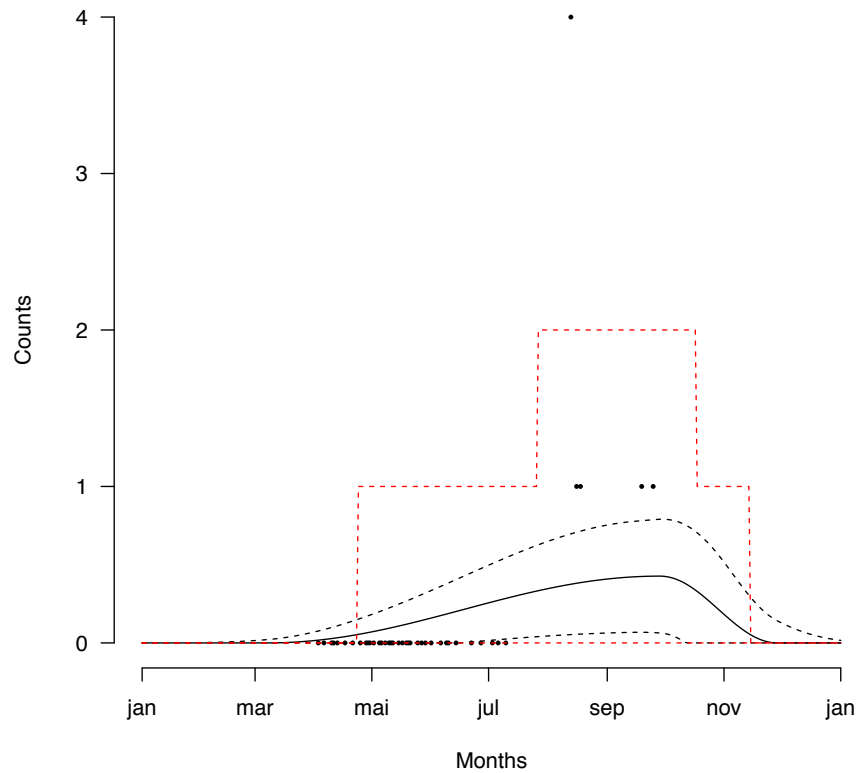
```
##
## Number of timeseries: 1
## -----
## 3#esclaves (anse de la fontaine)@capesterre belle eau-2011
## -----
## Estimation without the observed data
## Total number of counts: 5.751 ; SD 4.1187
## Estimation taking into account the observed data
## Total number of counts: 5.6208 ; SD 3.3185
## 95% confidence interval: 1 - 12.2578
```

3#esclaves (anse de la fontaine)@capesterre belle eau-2013



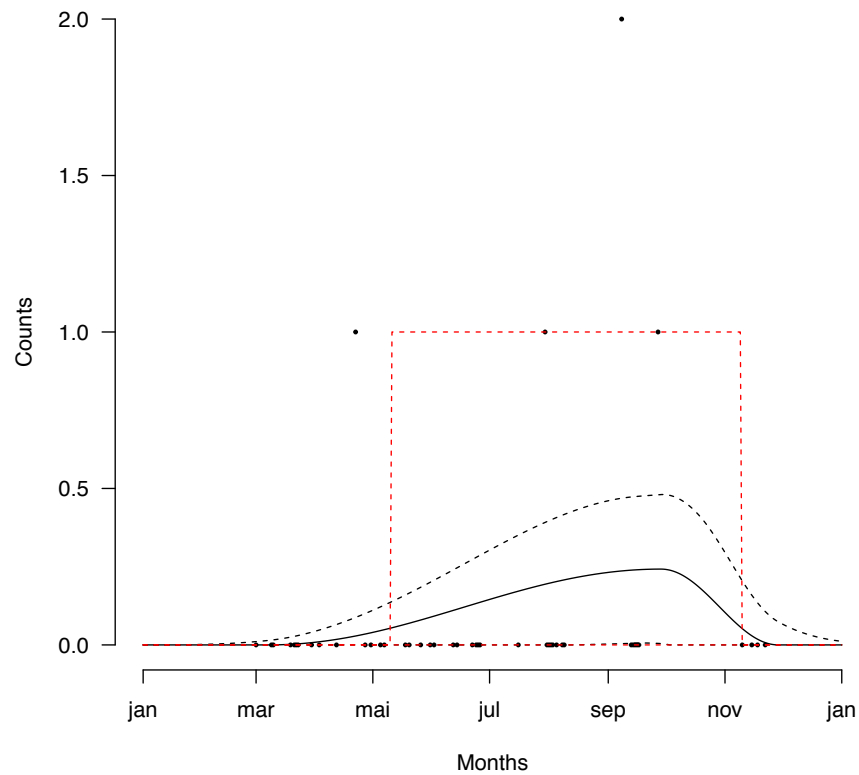
```
##
## Number of timeseries: 1
## -----
## 3#esclaves (anse de la fontaine)@capesterre belle eau-2013
## -----
## Estimation without the observed data
## Total number of counts: 38.7576 ; SD 17.553
## Estimation taking into account the observed data
## Total number of counts: 36.896 ; SD 13.6151
## 95% confidence interval: 9.6658 - 64.1262
```


3#grande anse@trois rivières-2006



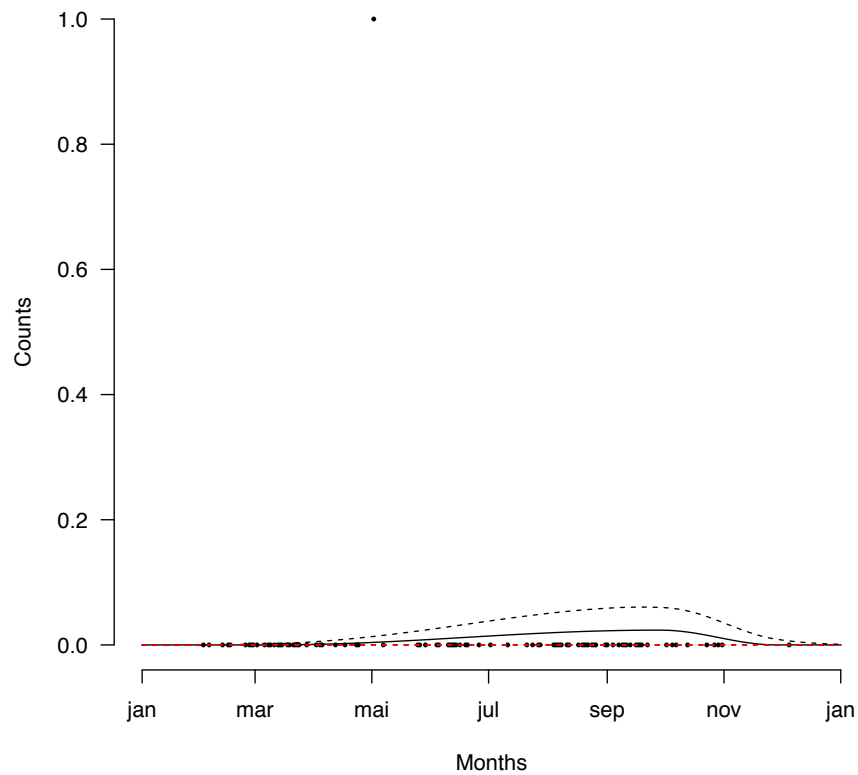
```
##
## Number of timeseries: 1
## -----
## 3#grande anse@trois rivières-2006
## -----
## Estimation without the observed data
## Total number of counts: 57.2438 ; SD 24.8457
## Estimation taking into account the observed data
## Total number of counts: 58.886 ; SD 22.1315
## 95% confidence interval: 14.623 - 103.149
```

3#grande anse@trois rivières-2010



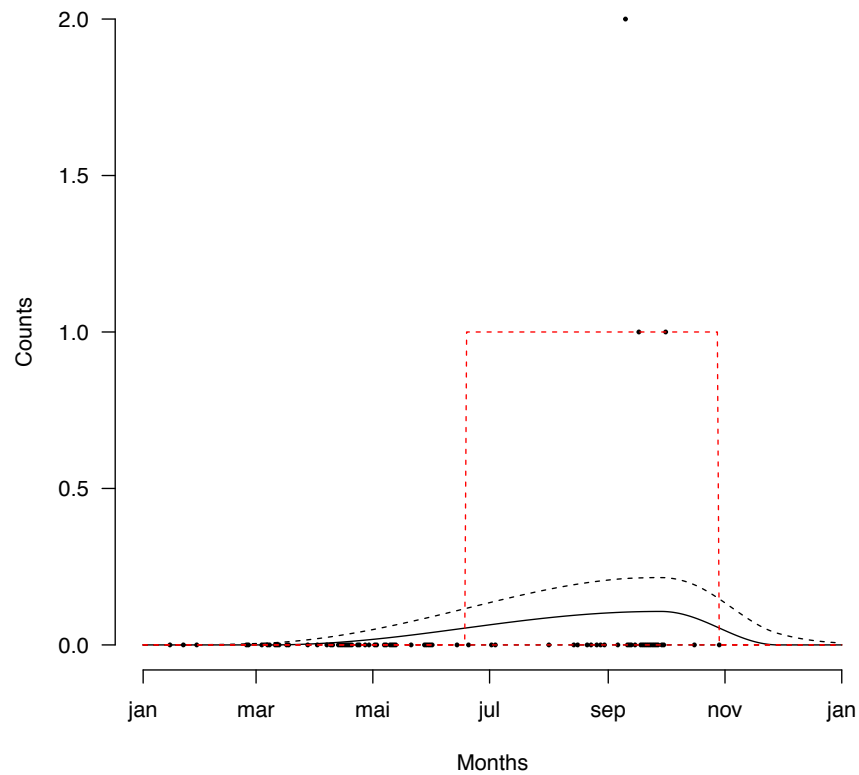
```
##
## Number of timeseries: 1
## -----
## 3#grande anse@trois rivières-2010
## -----
## Estimation without the observed data
## Total number of counts: 32.6026 ; SD 16.235
## Estimation taking into account the observed data
## Total number of counts: 32.5128 ; SD 13.721
## 95% confidence interval: 5.0708 - 59.9549
```

3#grande anse@trois rivières-2013



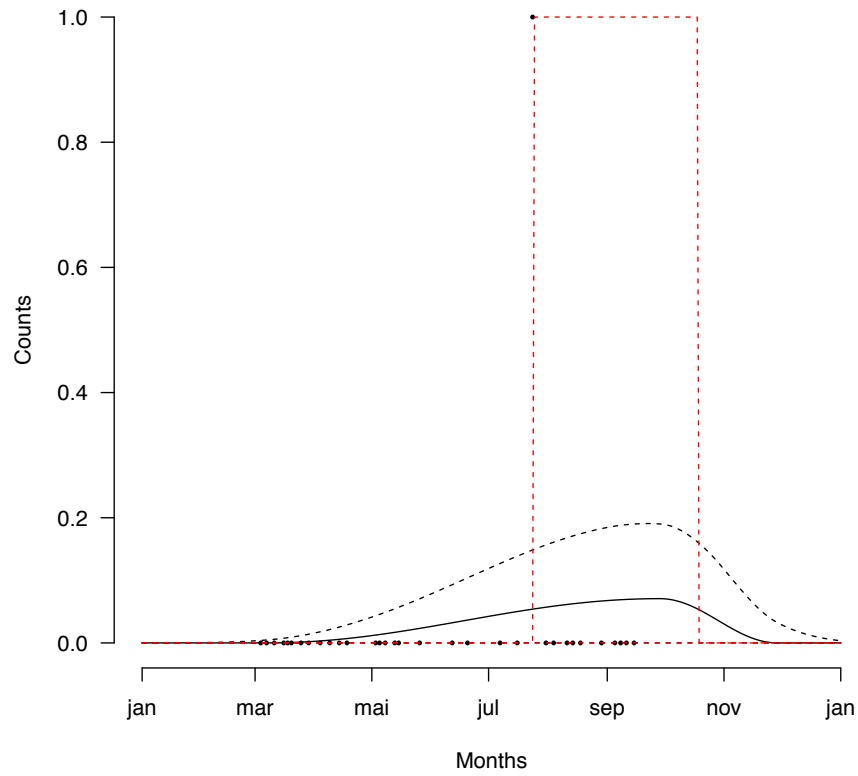
```
##
## Number of timeseries: 1
## -----
## 3#grande anse@trois rivières-2013
## -----
## Estimation without the observed data
## Total number of counts: 3.6947 ; SD 2.5324
## Estimation taking into account the observed data
## Total number of counts: 3.4997 ; SD 1.7176
## 95% confidence interval: 1 - 6.9349
```

3#grande anse@trois rivières-2014



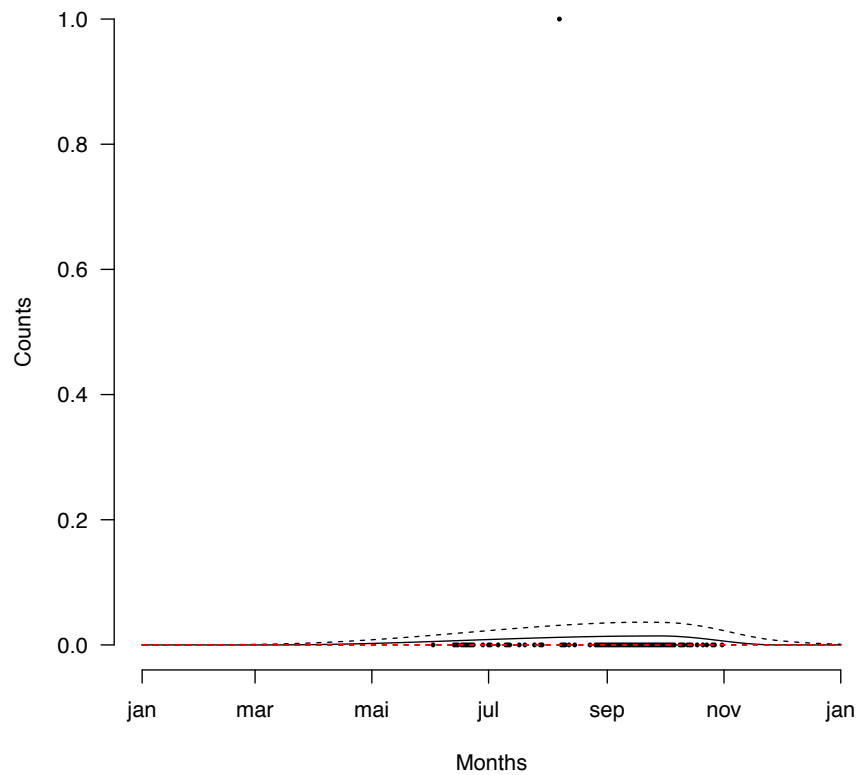
```
##
## Number of timeseries: 1
## -----
## 3#grande anse@trois rivières-2014
## -----
## Estimation without the observed data
## Total number of counts: 14.4433 ; SD 7.4979
## Estimation taking into account the observed data
## Total number of counts: 14.6202 ; SD 5.5516
## 95% confidence interval: 4 - 25.7234
```

3#sainte claire@goyave-2014



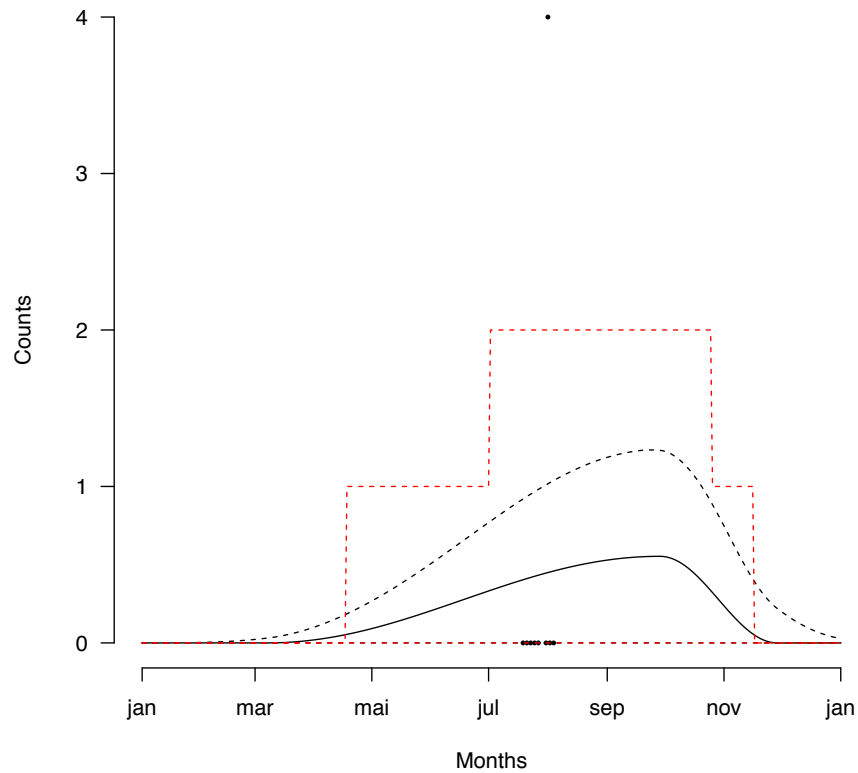
```
##
## Number of timeseries: 1
## -----
## 3#sainte claire@goyave-2014
## -----
## Estimation without the observed data
## Total number of counts: 11.6094 ; SD 8.3582
## Estimation taking into account the observed data
## Total number of counts: 11.3948 ; SD 7.4975
## 95% confidence interval: 1 - 26.3897
```

4#km 7@saint francois-2013



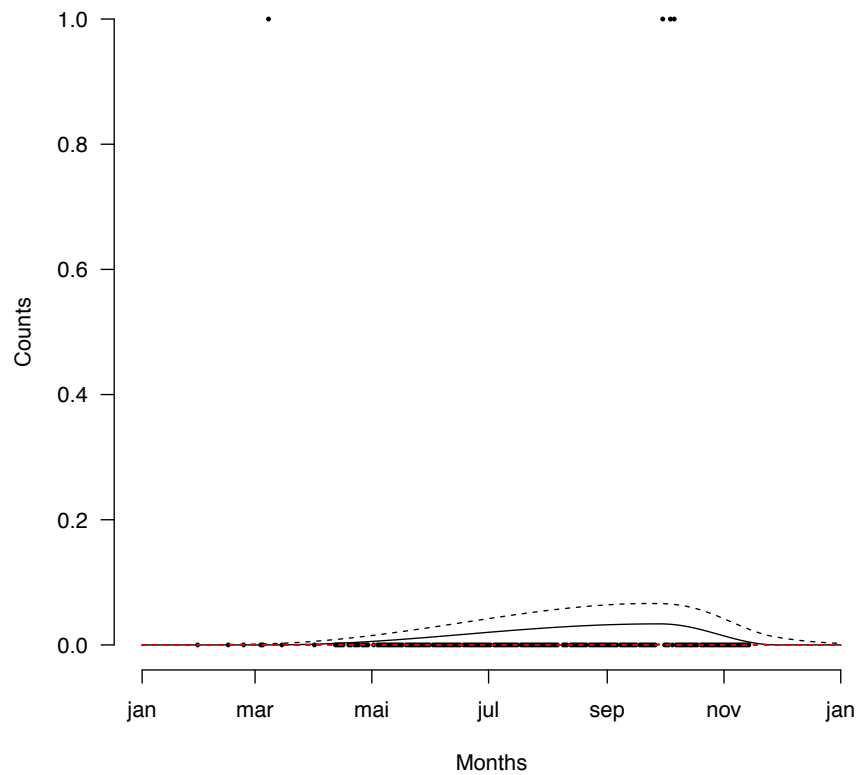
```
##
## Number of timeseries: 1
## -----
## 4#km 7@saint francois-2013
## -----
## Estimation without the observed data
## Total number of counts: 2.2602 ; SD 1.5473
## Estimation taking into account the observed data
## Total number of counts: 2.1278 ; SD 0.7931
## 95% confidence interval: 1 - 3.714
```

4#la chaise@saint francois-2006



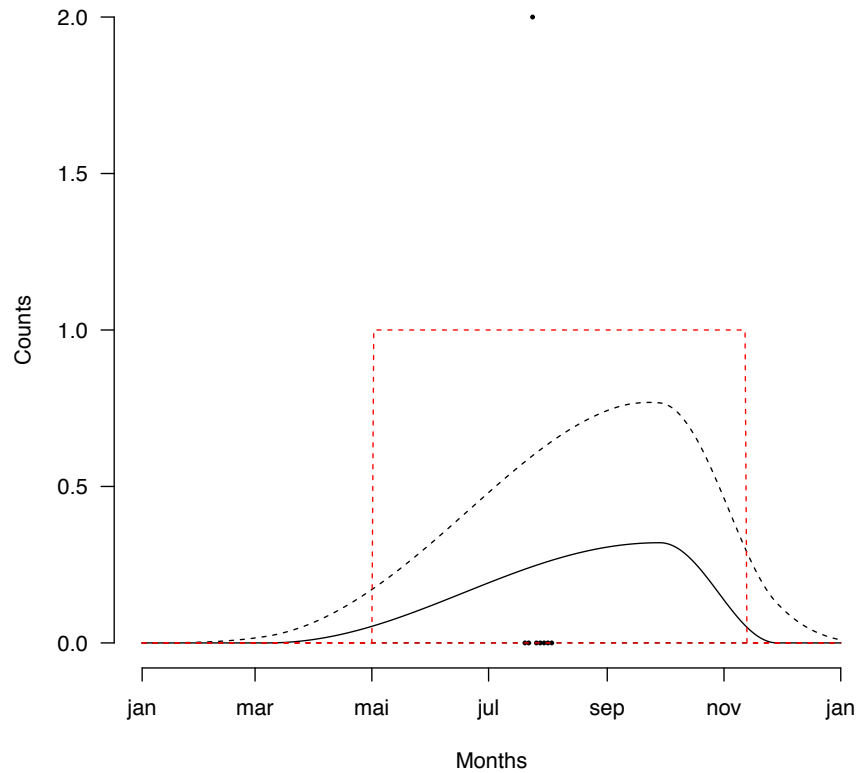
```
##
## Number of timeseries: 1
## -----
## 4#la chaise@saint francois-2006
## -----
## Estimation without the observed data
## Total number of counts: 78.2095 ; SD 46.9527
## Estimation taking into account the observed data
## Total number of counts: 78.1496 ; SD 44.5654
## 95% confidence interval: 4 - 167.2804
```

4#la grotte@saint francois-2010



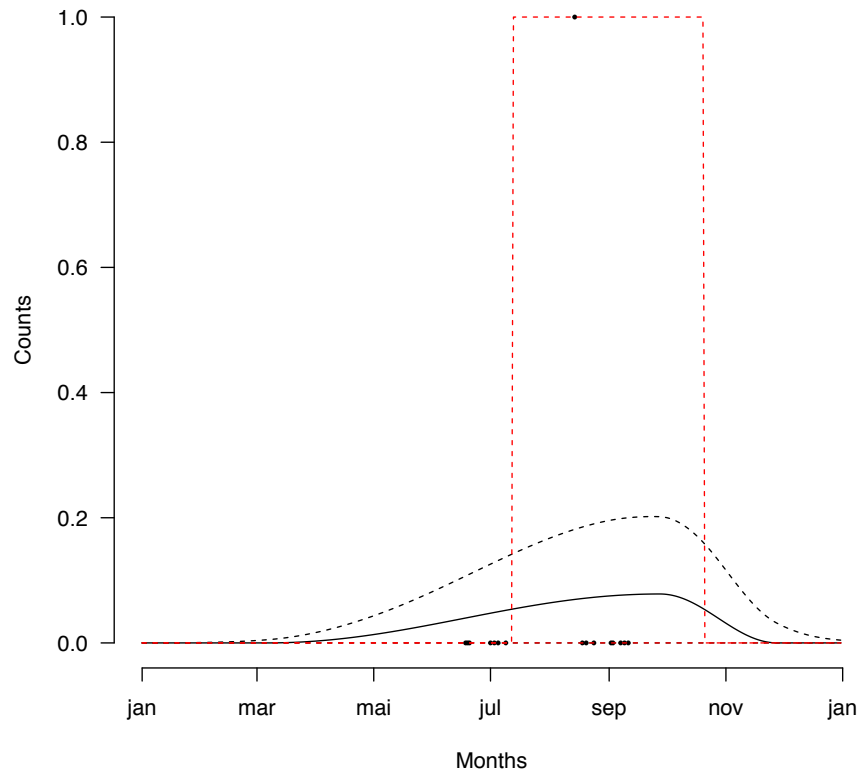
```
##
## Number of timeseries: 1
## -----
## 4#la grotte@saint francois-2010
## -----
## Estimation without the observed data
## Total number of counts: 4.525 ; SD 2.2698
## Estimation taking into account the observed data
## Total number of counts: 4.5704 ; SD 0.3382
## 95% confidence interval: 4 - 5.2468
```


4#raisins clairs@saint francois-2006



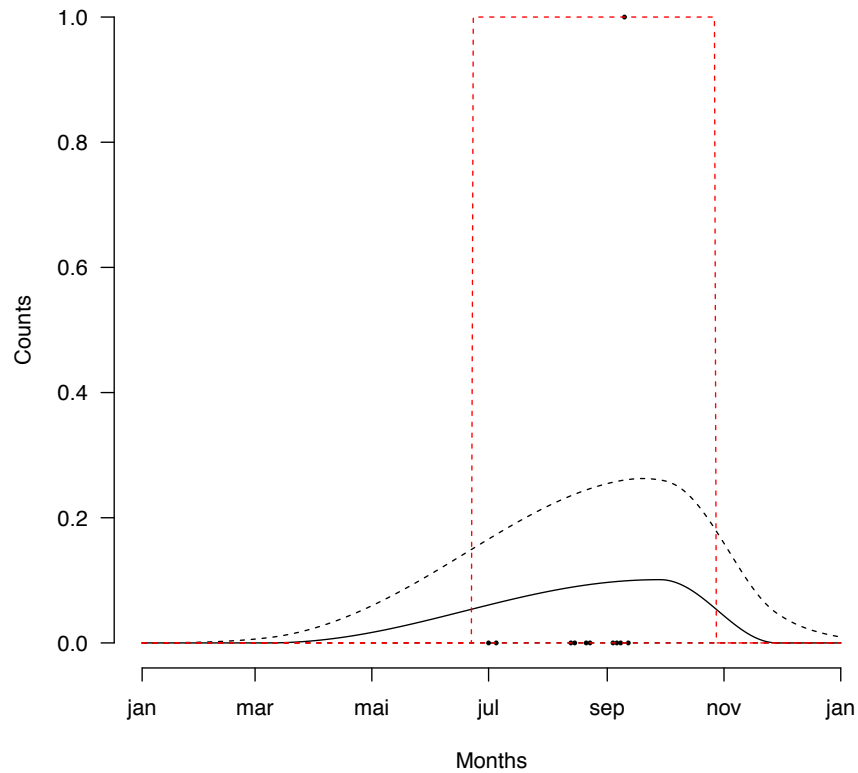
```
##
## Number of timeseries: 1
## -----
## 4#raisins clairs@saint francois-2006
## -----
## Estimation without the observed data
## Total number of counts: 46.5661 ; SD 31.0337
## Estimation taking into account the observed data
## Total number of counts: 46.4096 ; SD 29.626
## 95% confidence interval: 2 - 105.6617
```

5#anse a l'eau@saint francois-2008



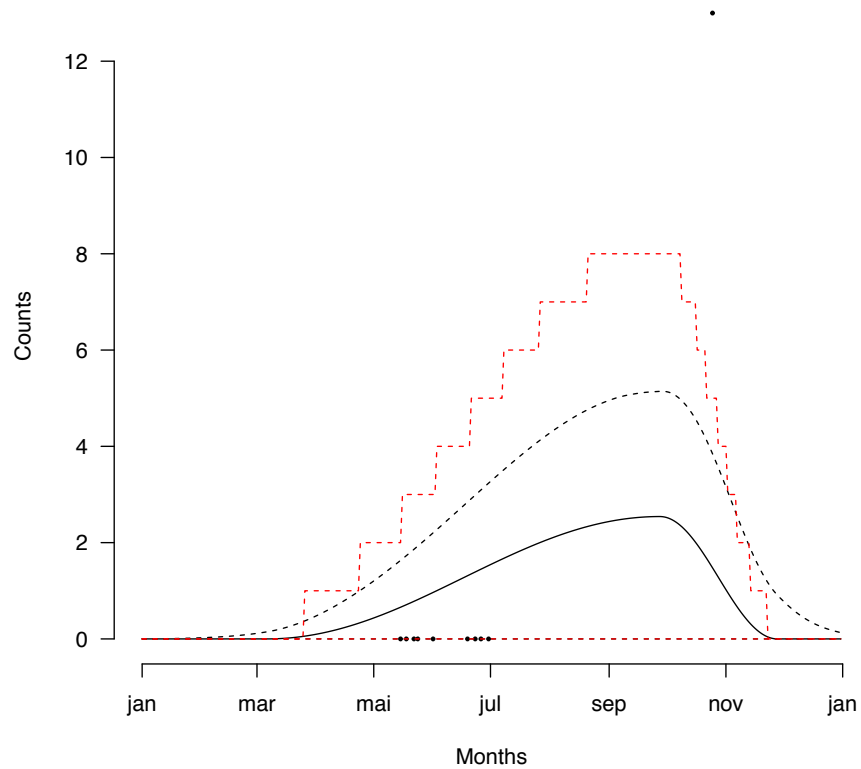
```
##
## Number of timeseries: 1
## -----
## 5#anse a l'eau@saint francois-2008
## -----
## Estimation without the observed data
## Total number of counts: 12.3191 ; SD 8.4138
## Estimation taking into account the observed data
## Total number of counts: 12.1653 ; SD 7.6383
## 95% confidence interval: 1 - 27.442
```

5#anse a l'eau@saint francois-2010



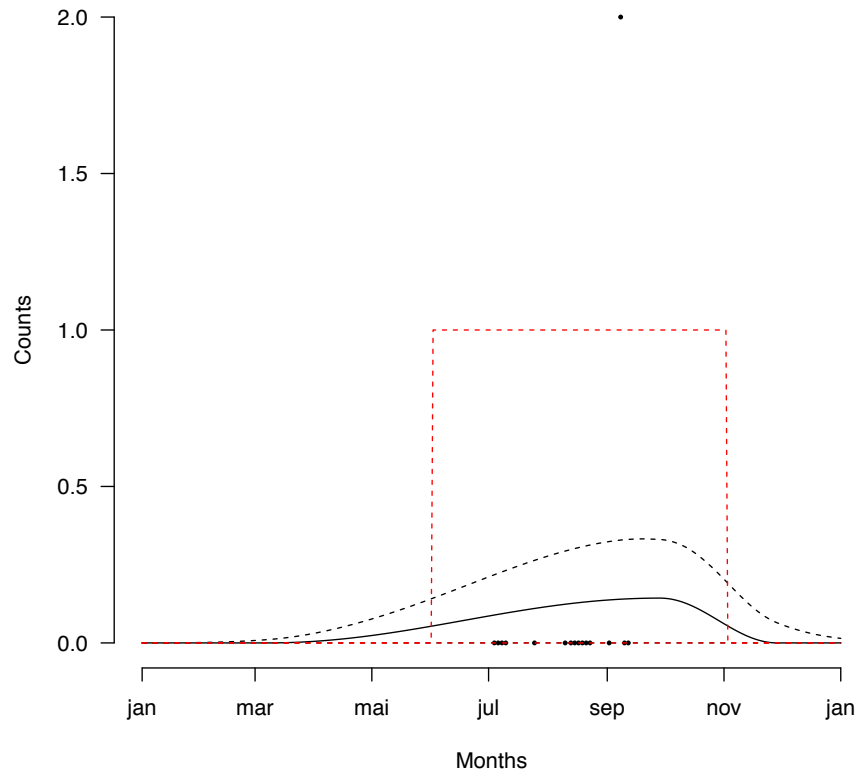
```
##
## Number of timeseries: 1
## -----
## 5#anse a l'eau@saint francois-2010
## -----
## Estimation without the observed data
## Total number of counts: 16.5612 ; SD 11.2487
## Estimation taking into account the observed data
## Total number of counts: 16.3702 ; SD 10.4589
## 95% confidence interval: 1 - 37.2879
```

5#anse conchou@le moule-2012



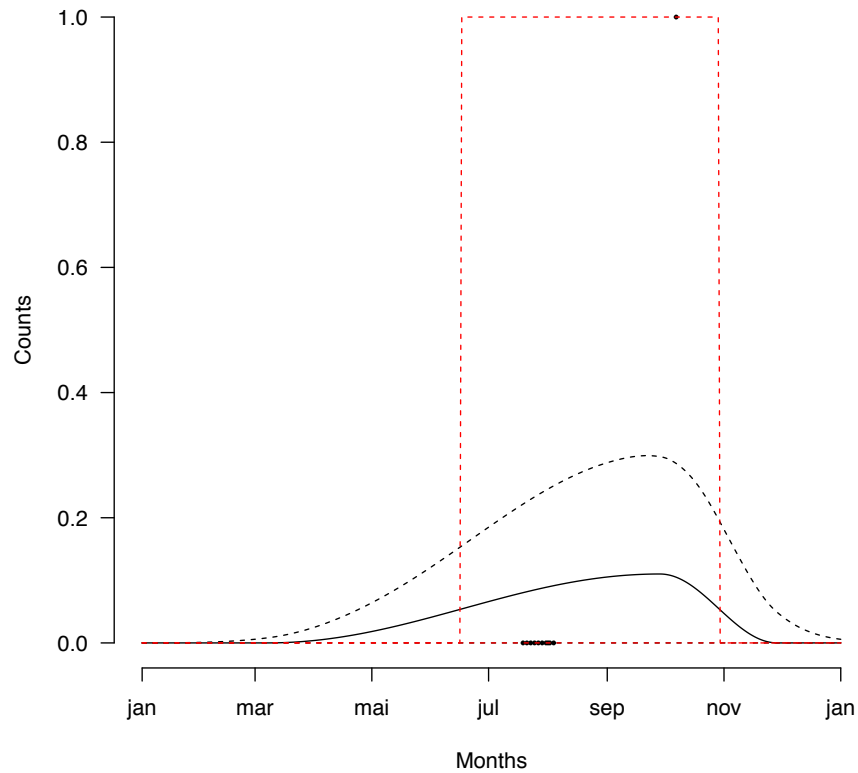
```
##
## Number of timeseries: 1
## -----
## 5#anse conchou@le moule-2012
## -----
## Estimation without the observed data
## Total number of counts: 349.8216 ; SD 181.4689
## Estimation taking into account the observed data
## Total number of counts: 351.5161 ; SD 175.5698
## 95% confidence interval: 13 - 702.6557
```

5#anse conchou@le moule-2014



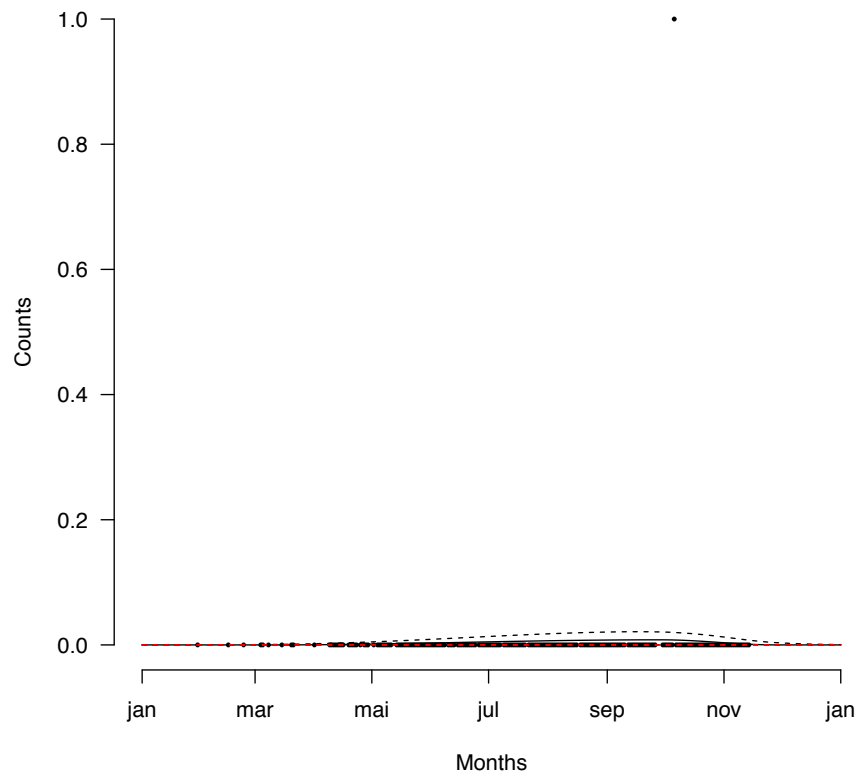
```
##
## Number of timeseries: 1
## -----
## 5#anse conchou@le moule-2014
## -----
## Estimation without the observed data
## Total number of counts: 21.1226 ; SD 13.2227
## Estimation taking into account the observed data
## Total number of counts: 21.0089 ; SD 11.9273
## 95% confidence interval: 2 - 44.8636
```

5#anse des chateaux@saint francois-2006



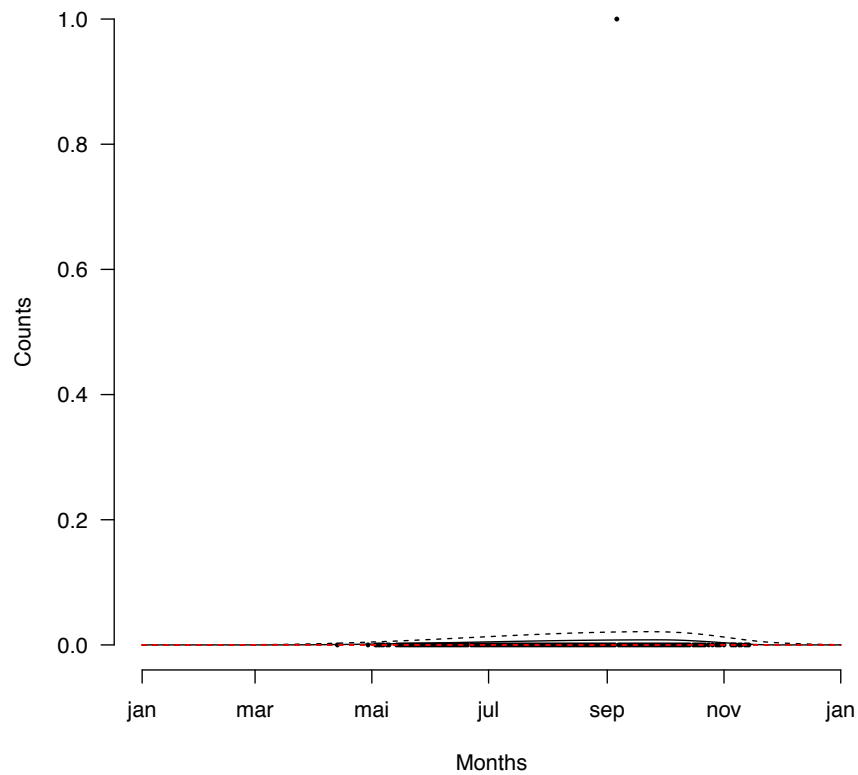
```
##
## Number of timeseries: 1
## -----
## 5#anse des chateaux@saint francois-2006
## -----
## Estimation without the observed data
## Total number of counts: 18.8078 ; SD 12.9958
## Estimation taking into account the observed data
## Total number of counts: 18.5964 ; SD 12.1742
## 95% confidence interval: 1 - 42.9448
```

5#anse des chateaux@saint francois-2010



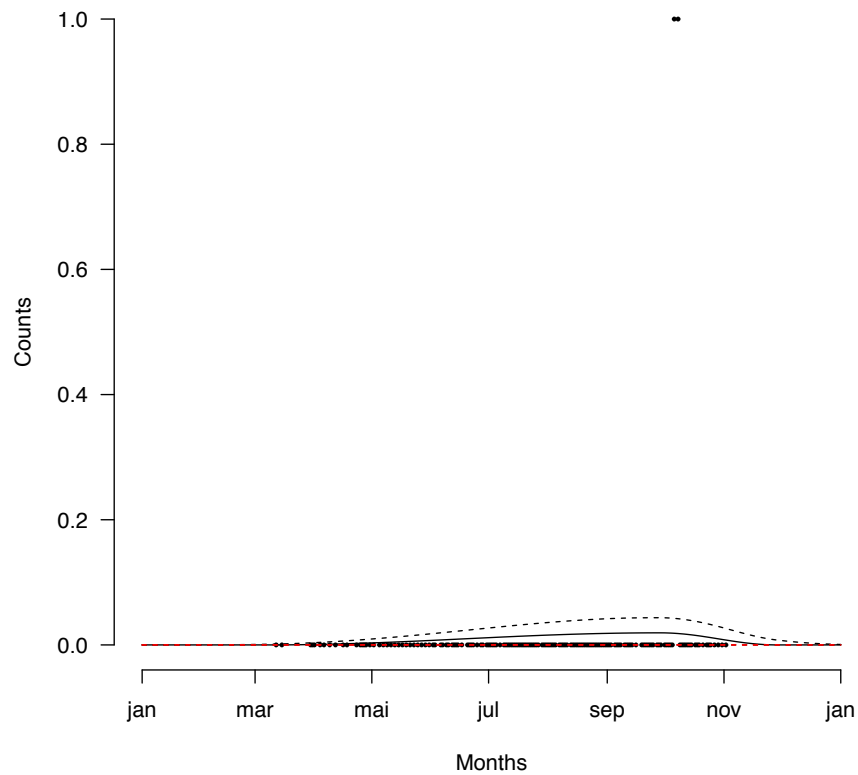
```
##
## Number of timeseries: 1
## -----
## 5#anse des chateaux@saint francois-2010
## -----
## Estimation without the observed data
## Total number of counts: 1.2716 ; SD 0.8991
## Estimation taking into account the observed data
## Total number of counts: 1.1252 ; SD 0.1008
## 95% confidence interval: 1 - 1.3268
```

5#anse des chateaux@saint francois-2011



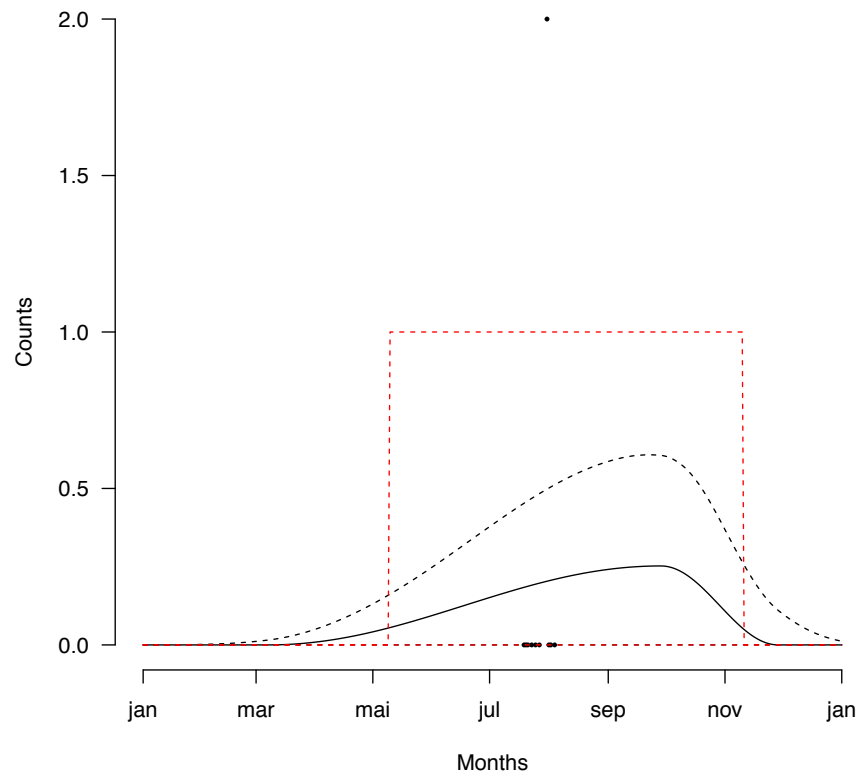
```
##
## Number of timeseries: 1
## -----
## 5#anse des chateaux@saint francois-2011
## -----
## Estimation without the observed data
## Total number of counts: 1.2634 ; SD 0.9006
## Estimation taking into account the observed data
## Total number of counts: 1.1212 ; SD 0.1133
## 95% confidence interval: 1 - 1.3478
```


5#anse des chateaux@saint francois-2013



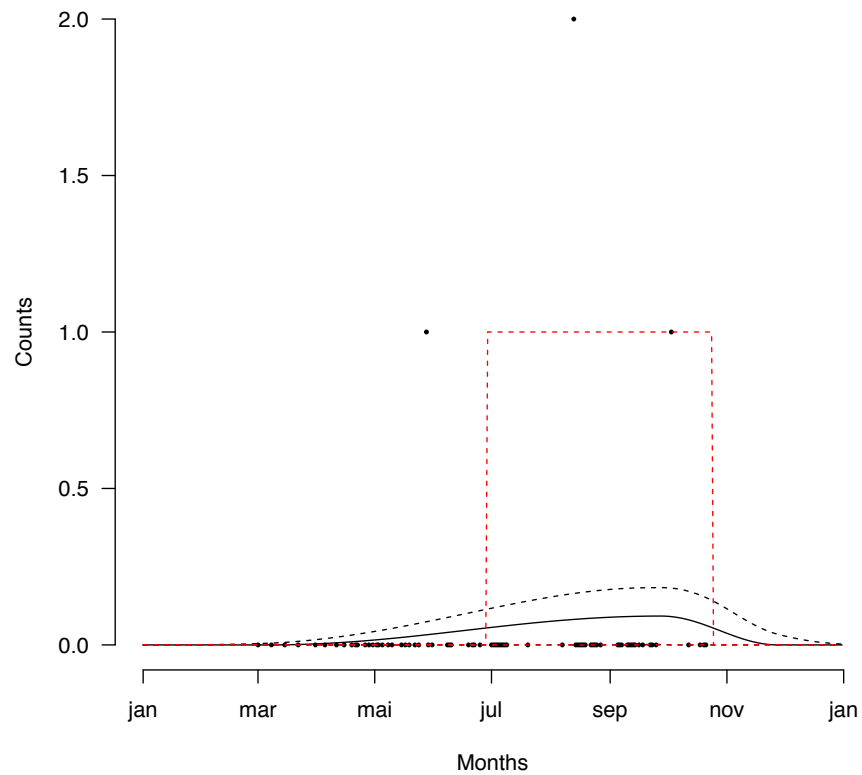
```
##
## Number of timeseries: 1
## -----
## 5#anse des chateaux@saint francois-2013
## -----
## Estimation without the observed data
## Total number of counts: 2.7465 ; SD 1.664
## Estimation taking into account the observed data
## Total number of counts: 2.6944 ; SD 0.4587
## 95% confidence interval: 2 - 3.6117
```

5#anse des salines@saint francois-2006



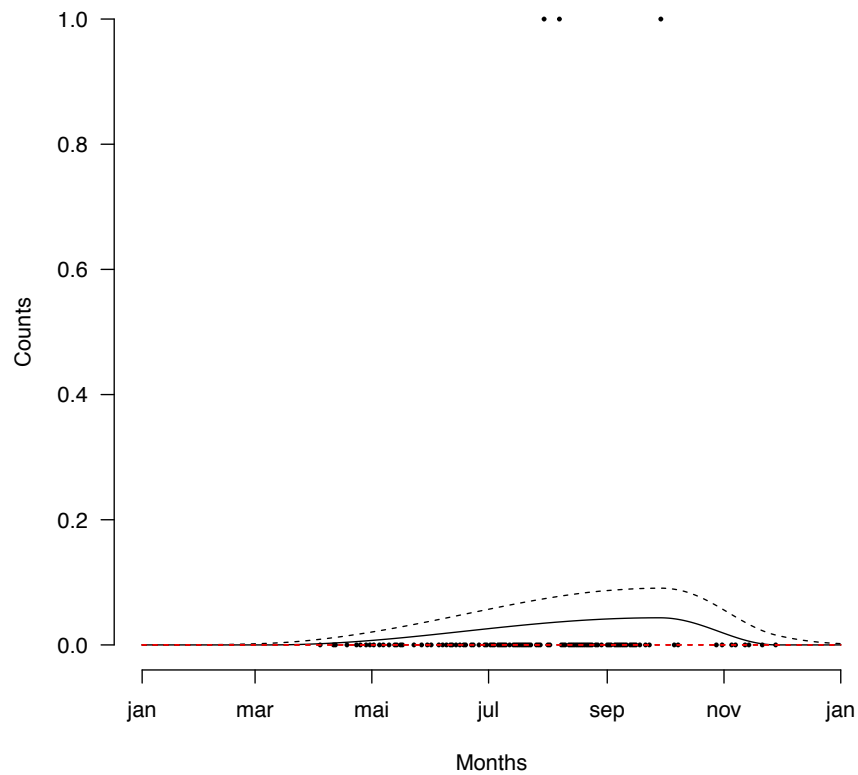
```
##
## Number of timeseries: 1
## -----
## 5#anse des salines@saint francois-2006
## -----
## Estimation without the observed data
## Total number of counts: 36.555 ; SD 24.663
## Estimation taking into account the observed data
## Total number of counts: 36.4658 ; SD 23.2818
## 95% confidence interval: 2 - 83.0295
```

5#anse des salines@saint francois-2008



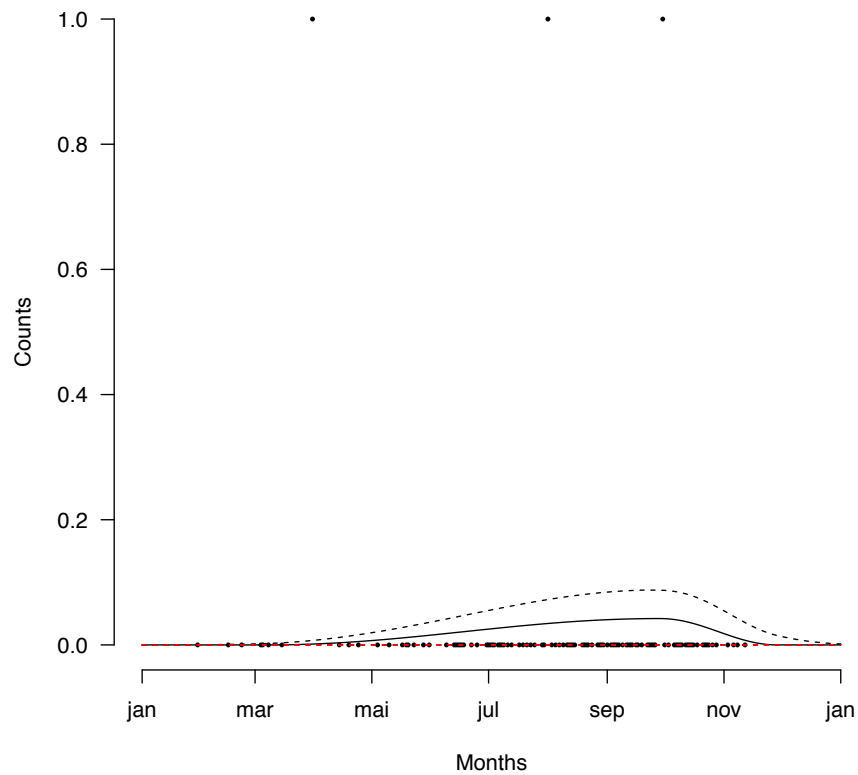
```
##
## Number of timeseries: 1
## -----
## 5#anse des salines@saint francois-2008
## -----
## Estimation without the observed data
## Total number of counts: 12.5943 ; SD 6.4234
## Estimation taking into account the observed data
## Total number of counts: 12.6064 ; SD 4.4542
## 95% confidence interval: 4 - 21.5147
```

5#anse des salines@saint francois-2009



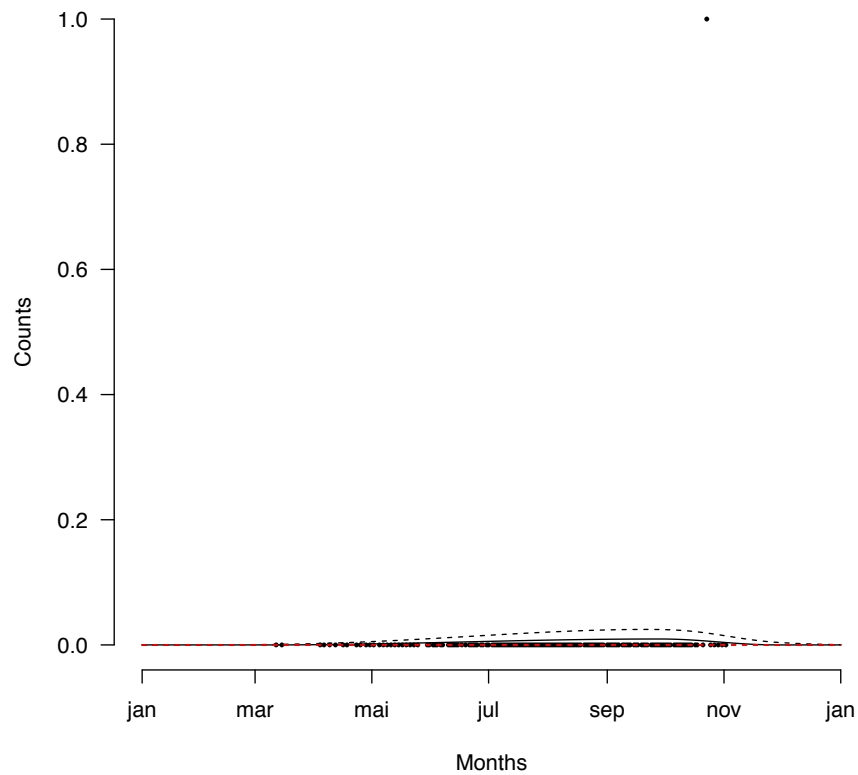
```
##
## Number of timeseries: 1
## -----
## 5#anse des salines@saint francois-2009
## -----
## Estimation without the observed data
## Total number of counts: 6.04 ; SD 3.235
## Estimation taking into account the observed data
## Total number of counts: 5.9666 ; SD 1.6392
## 95% confidence interval: 3 - 9.245
```

5#anse des salines@saint francois-2010



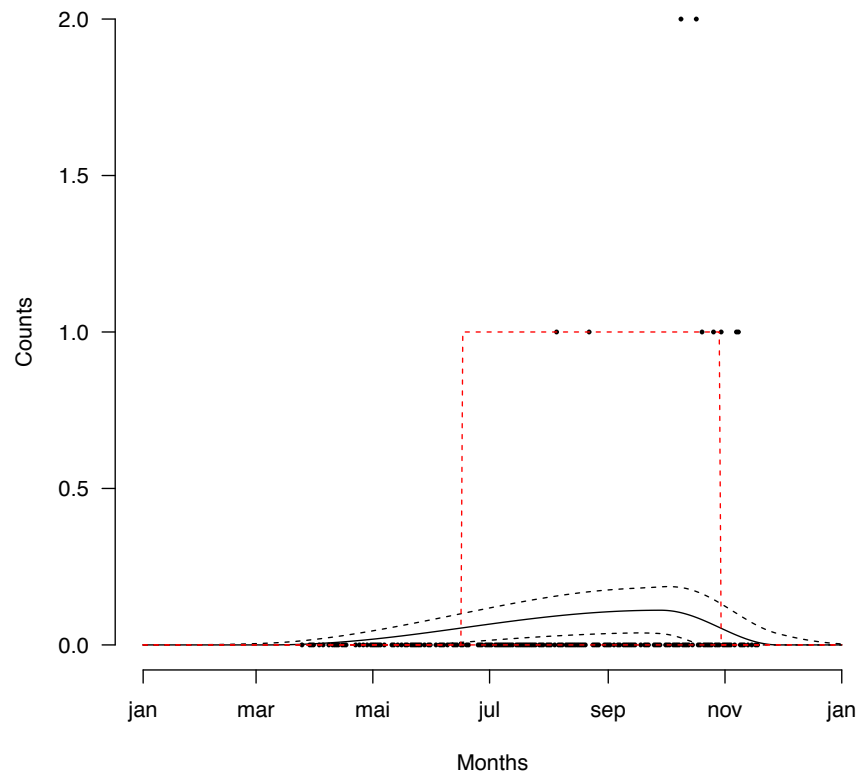
```
##
## Number of timeseries: 1
## -----
## 5#anse des salines@saint francois-2010
## -----
## Estimation without the observed data
## Total number of counts: 5.7108 ; SD 3.1632
## Estimation taking into account the observed data
## Total number of counts: 5.6974 ; SD 1.5289
## 95% confidence interval: 3 - 8.7553
```

5#anse des salines@saint francois-2013



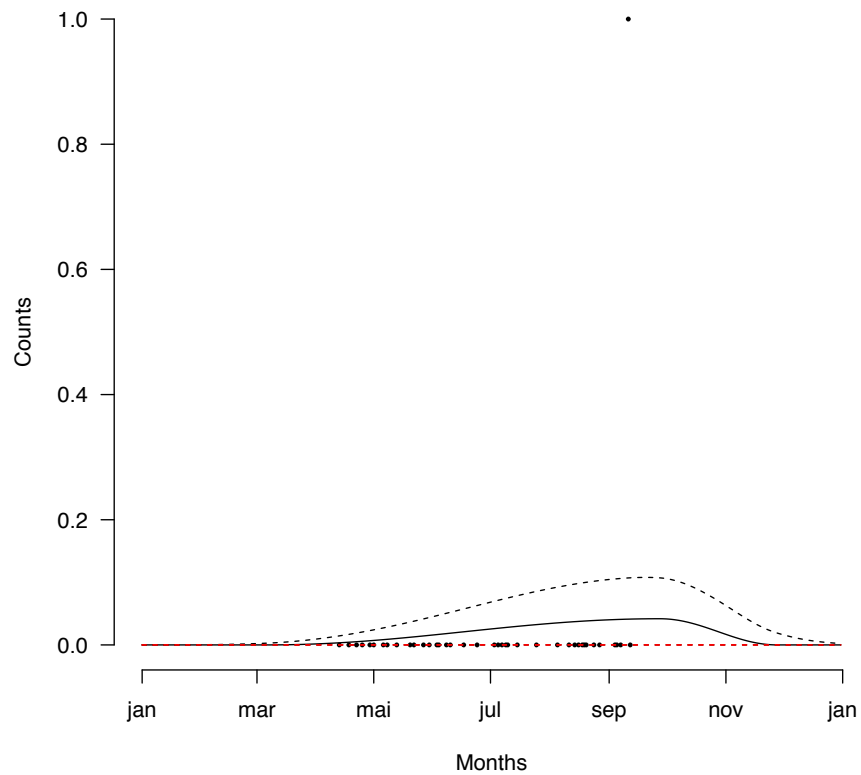
```
##
## Number of timeseries: 1
## -----
## 5#anse des salines@saint francois-2013
## -----
## Estimation without the observed data
## Total number of counts: 1.4919 ; SD 1.0535
## Estimation taking into account the observed data
## Total number of counts: 1.3386 ; SD 0.2604
## 95% confidence interval: 1 - 1.8595
```

5#anse des salines@saint francois-2014



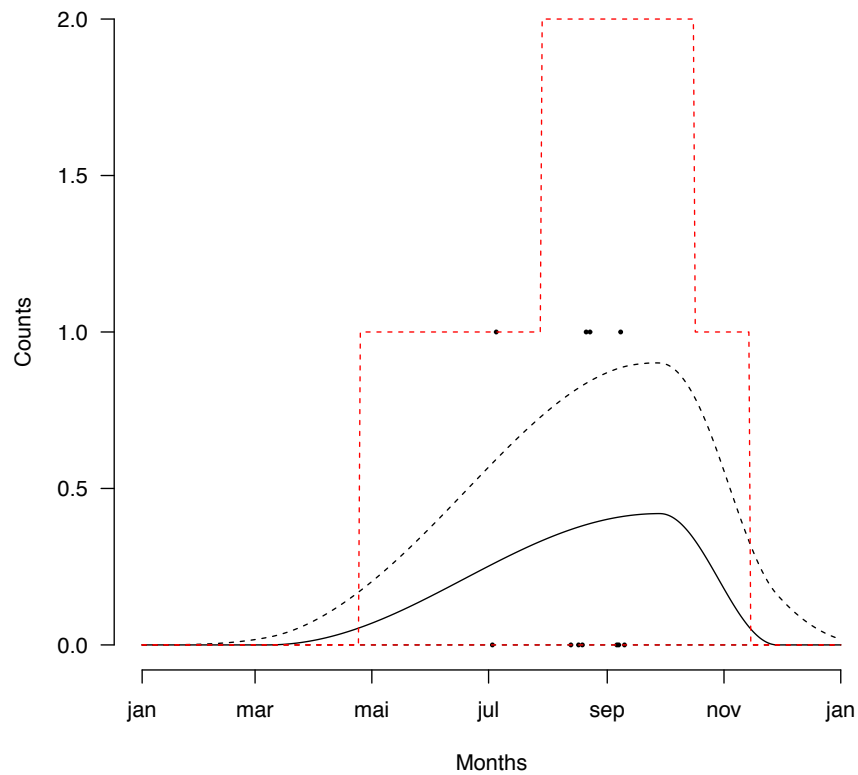
```
##
## Number of timeseries: 1
## -----
## 5#anse des salines@saint francois-2014
## -----
## Estimation without the observed data
## Total number of counts: 14.7601 ; SD 5.089
## Estimation taking into account the observed data
## Total number of counts: 14.779 ; SD 1.3886
## 95% confidence interval: 12.0018 - 17.5562
```

5#plage de l'autre bord (alizes)@le moule-2008



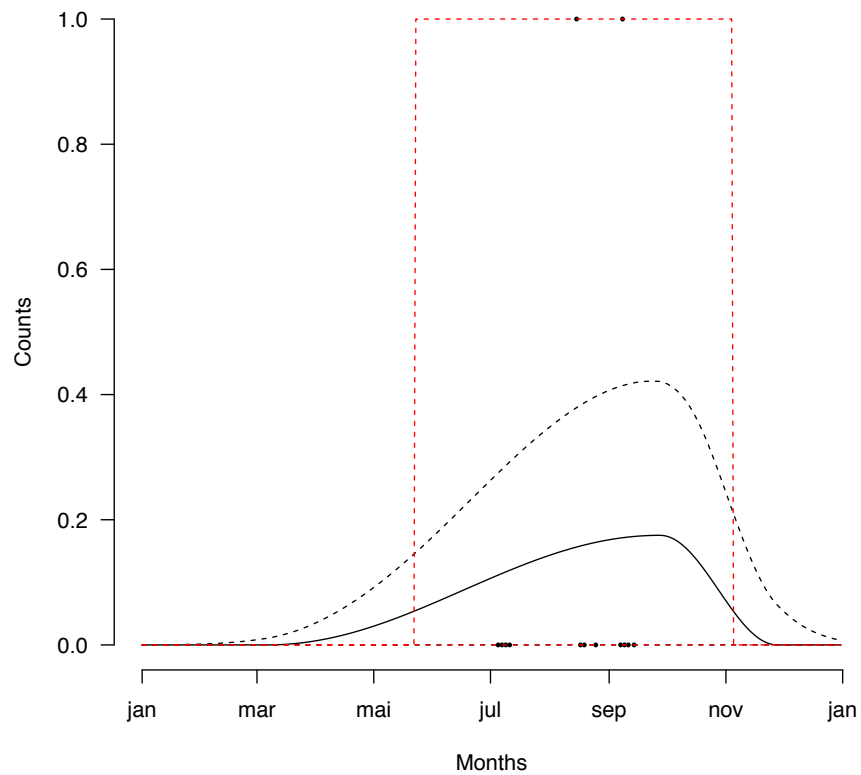
```
##
## Number of timeseries: 1
## -----
## 5#plage de l'autre bord (alizes)@le moule-2008
## -----
## Estimation without the observed data
## Total number of counts: 6.4792 ; SD 4.5551
## Estimation taking into account the observed data
## Total number of counts: 6.3652 ; SD 3.7794
## 95% confidence interval: 1 - 13.9239
```


5#plage de l'autre bord (alizes)@le moule-2010



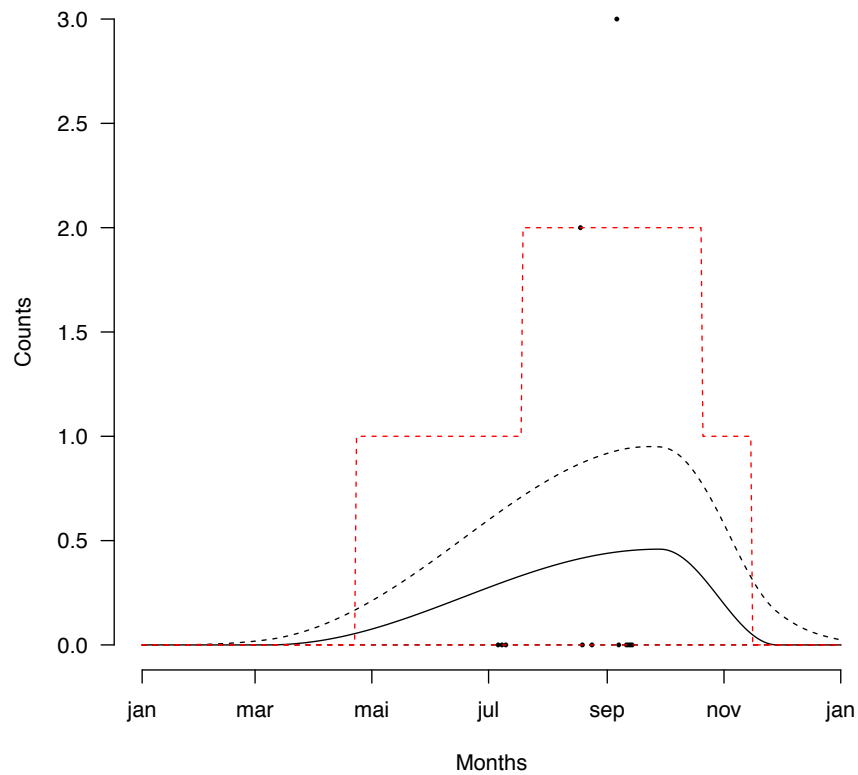
```
##
## Number of timeseries: 1
## -----
## 5#plage de l'autre bord (alizes)@le moule-2010
## -----
## Estimation without the observed data
## Total number of counts: 58.1073 ; SD 33.6805
## Estimation taking into account the observed data
## Total number of counts: 57.9463 ; SD 31.3515
## 95% confidence interval: 4 - 120.6492
```

5#plage de l'autre bord (alizes)@le moule-2012



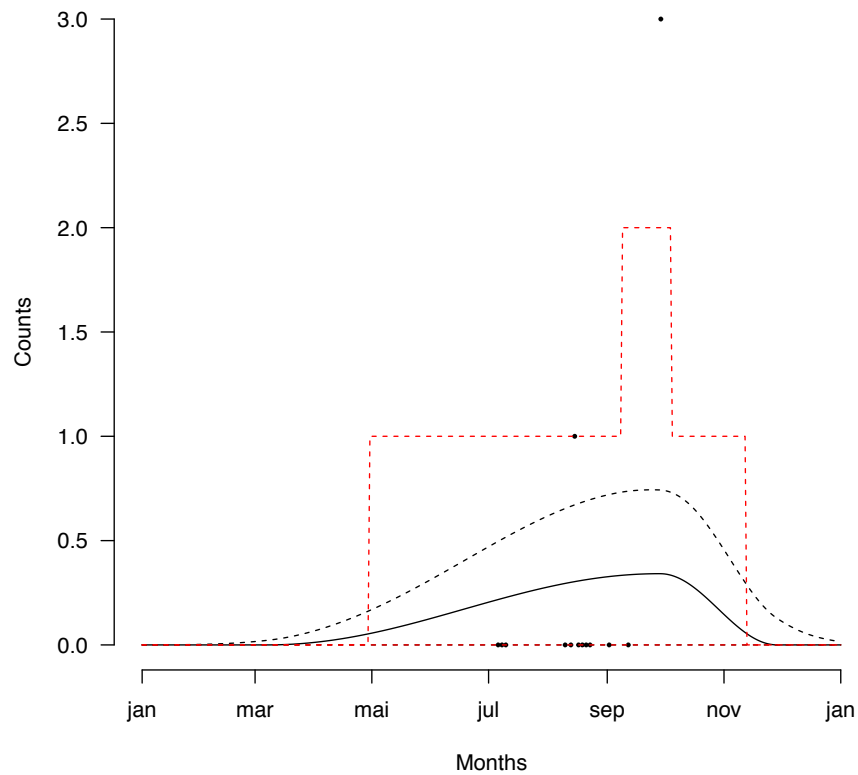
```
##
## Number of timeseries: 1
## -----
## 5#plage de l'autre bord (alizes)@le moule-2012
## -----
## Estimation without the observed data
## Total number of counts: 25.3515 ; SD 17.0589
## Estimation taking into account the observed data
## Total number of counts: 25.2594 ; SD 15.6893
## 95% confidence interval: 2 - 56.638
```

5#plage de l'autre bord (alizes)@le moule-2013



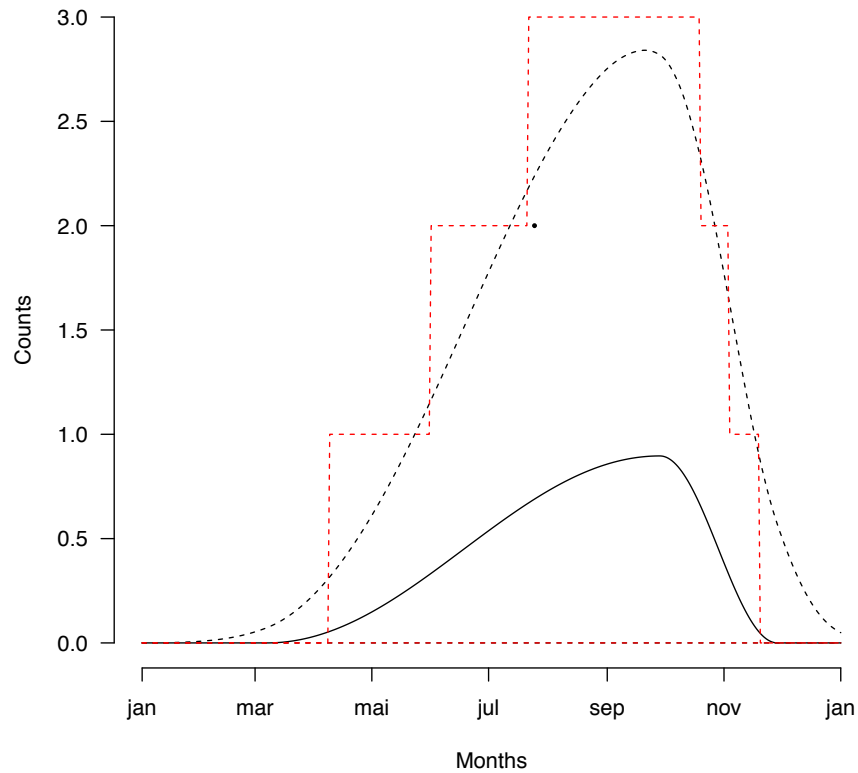
```
##
## Number of timeseries: 1
## -----
## 5#plage de l'autre bord (alizes)@le moule-2013
## -----
## Estimation without the observed data
## Total number of counts: 62.2636 ; SD 34.4606
## Estimation taking into account the observed data
## Total number of counts: 62.42 ; SD 31.8579
## 95% confidence interval: 5 - 126.1357
```

5#plage de l'autre bord (alizes)@le moule-2014



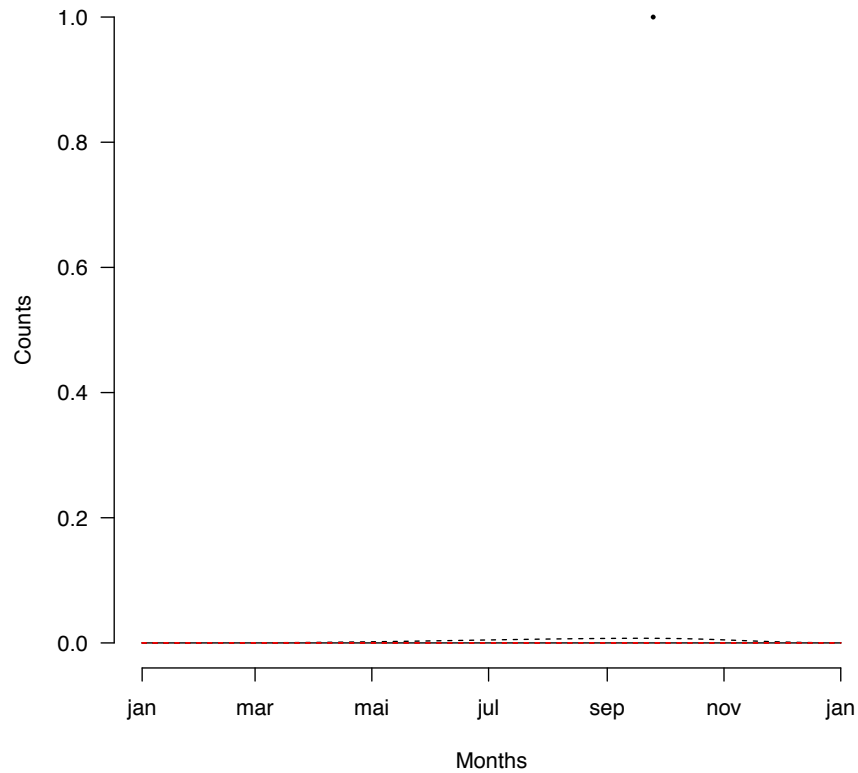
```
##
## Number of timeseries: 1
## -----
## 5#plage de l'autre bord (alizes)@le moule-2014
## -----
## Estimation without the observed data
## Total number of counts: 48.4689 ; SD 28.2883
## Estimation taking into account the observed data
## Total number of counts: 48.5049 ; SD 26.0372
## 95% confidence interval: 4 - 100.5793
```

5#rouleaux (baie sainte marie)@saint francois-2006



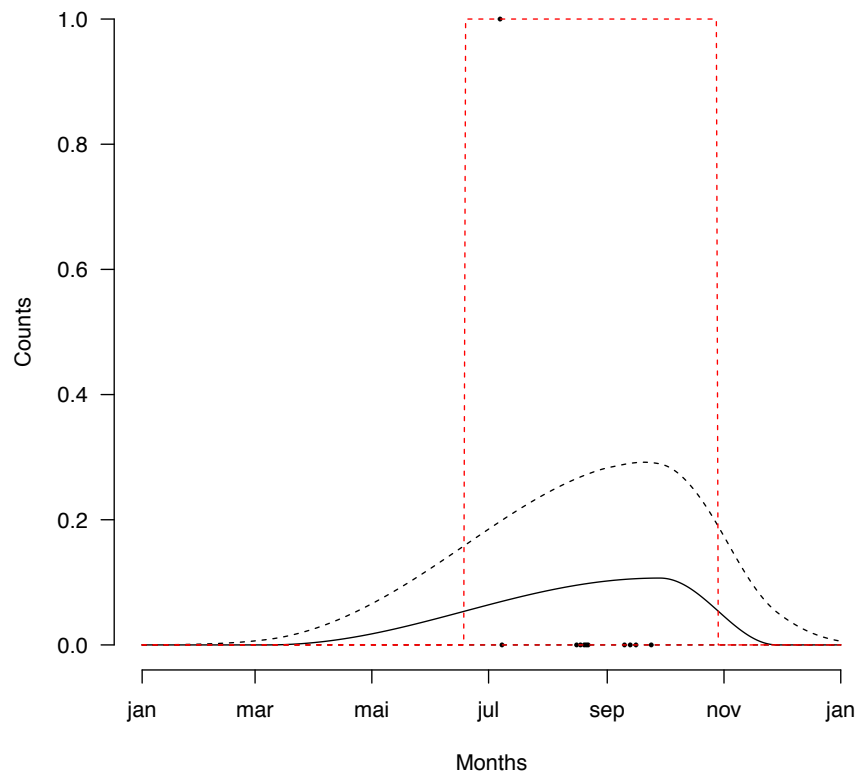
```
##
## Number of timeseries: 1
## -----
## 5#rouleaux (baie sainte marie)@saint francois-2006
## -----
## Estimation without the observed data
## Total number of counts: 178.7543 ; SD 135.2222
## Estimation taking into account the observed data
## Total number of counts: 179.7423 ; SD 134.4688
## 95% confidence interval: 2 - 448.6798
```

6#anse petite riviere@la desirade-2010



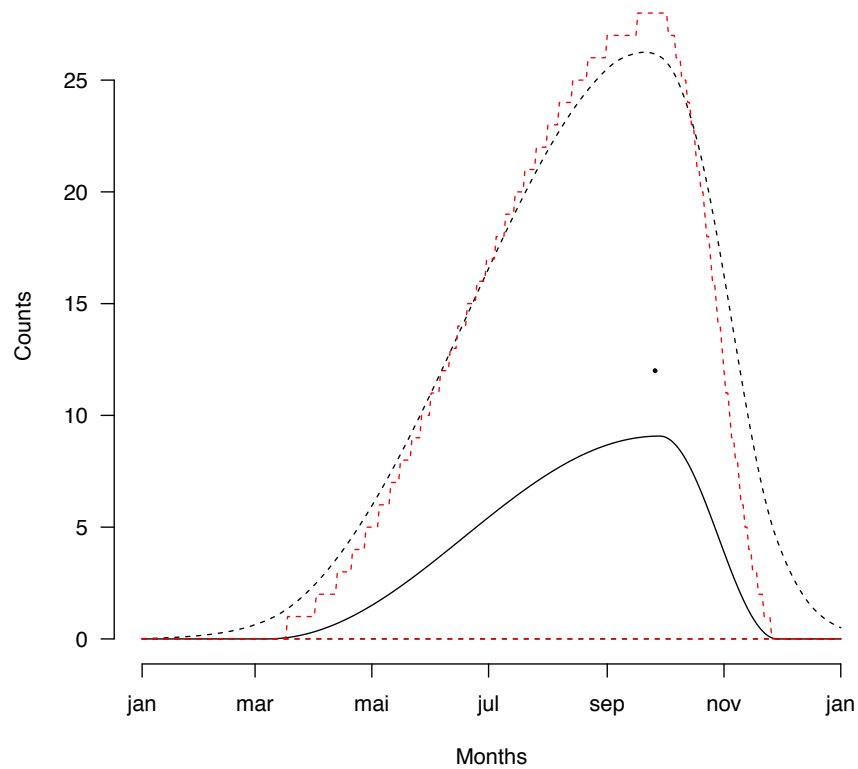
```
##
## Number of timeseries: 1
## -----
## 6#anse petite riviere@la desirade-2010
## -----
## Estimation without the observed data
## Total number of counts: 0.6765 ; SD 0.5105
## Estimation taking into account the observed data
## Total number of counts: 1.6716 ; SD 0.5069
## 95% confidence interval: 1 - 2.6854
```

6#petites anses@la desirade-2013



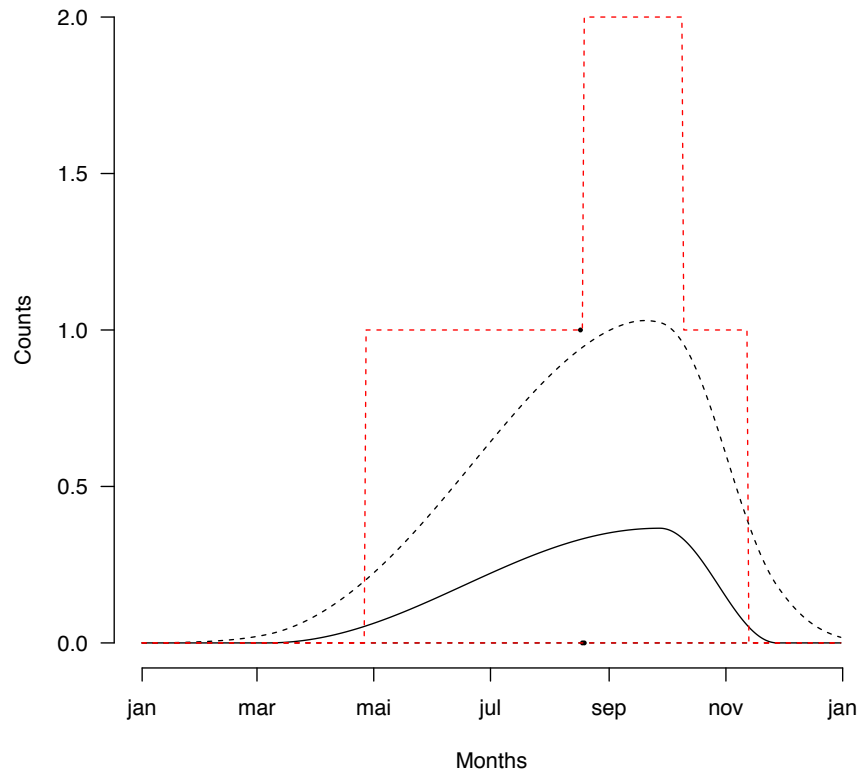
```
##
## Number of timeseries: 1
## -----
## 6#petites anses@la desirade-2013
## -----
## Estimation without the observed data
## Total number of counts: 17.8023 ; SD 12.9696
## Estimation taking into account the observed data
## Total number of counts: 17.5172 ; SD 12.0609
## 95% confidence interval: 1 - 41.639
```

6#plage a galets@la desirade-2010



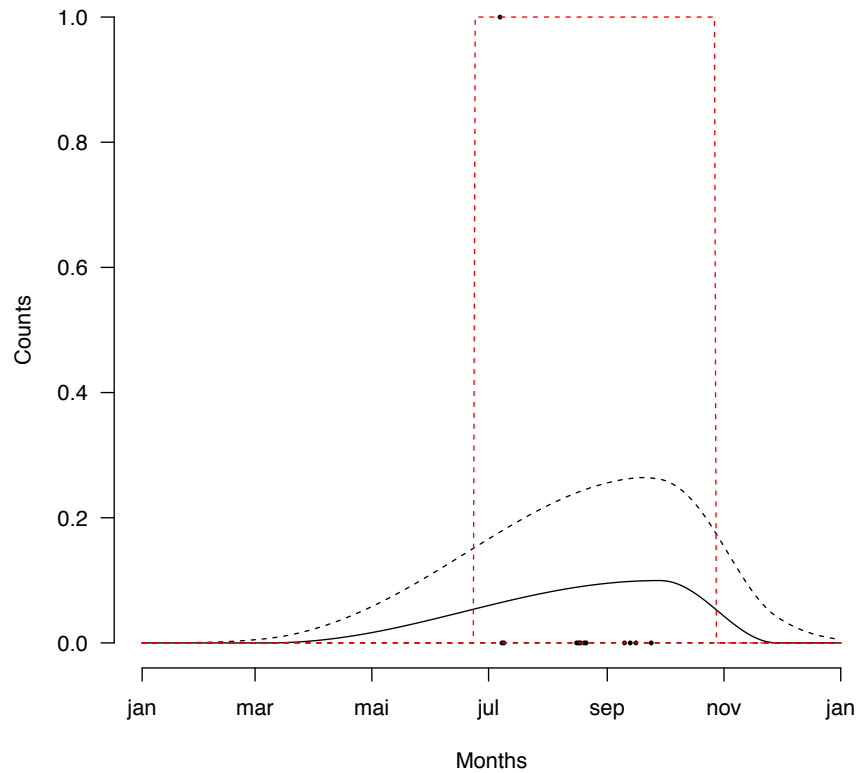
```
##
## Number of timeseries: 1
## -----
## 6#plage a galets@la desirade-2010
## -----
## Estimation without the observed data
## Total number of counts: 1695.3658 ; SD 1185.1736
## Estimation taking into account the observed data
## Total number of counts: 1695.3609 ; SD 1177.0186
## 95% confidence interval: 12 - 4049.3981
```


6#plage a galets@la desirade-2012



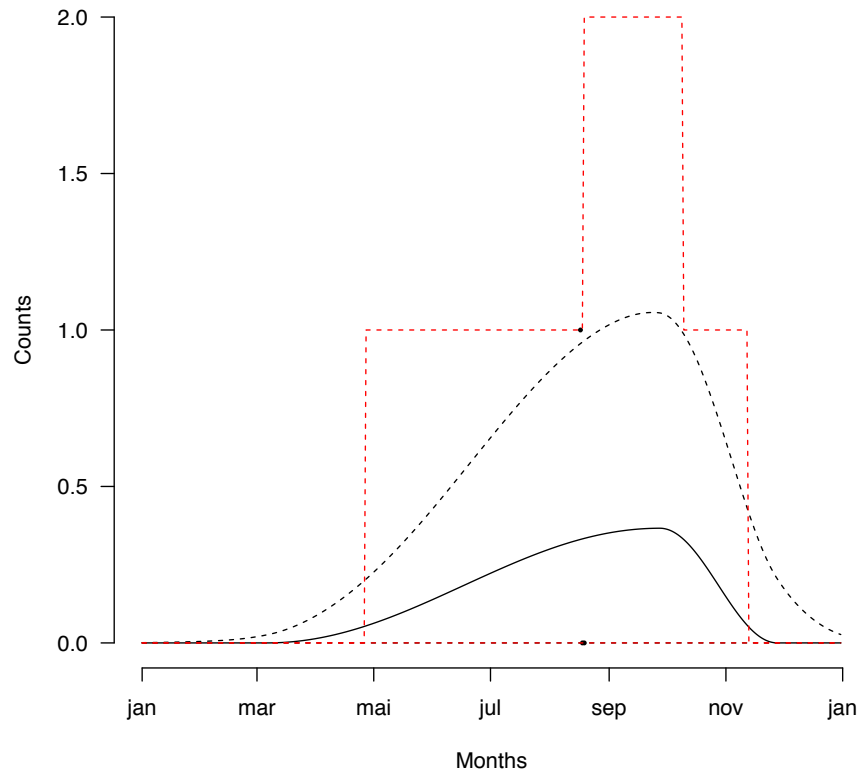
```
##
## Number of timeseries: 1
## -----
## 6#plage a galets@la desirade-2012
## -----
## Estimation without the observed data
## Total number of counts: 62.8136 ; SD 45.2166
## Estimation taking into account the observed data
## Total number of counts: 62.5414 ; SD 44.3144
## 95% confidence interval: 1 - 151.1701
```

6#plage a galets@la desirade-2013



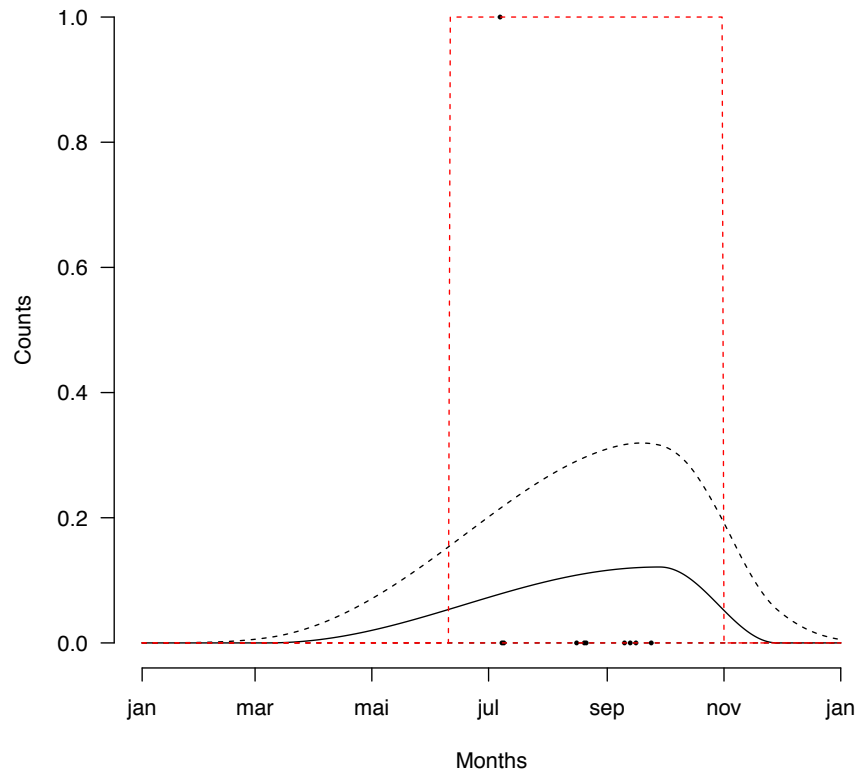
```
##
## Number of timeseries: 1
## -----
## 6#plage a galets@la desirade-2013
## -----
## Estimation without the observed data
## Total number of counts: 16.1176 ; SD 11.2309
## Estimation taking into account the observed data
## Total number of counts: 15.8651 ; SD 10.3722
## 95% confidence interval: 1 - 36.6095
```

6#plage de l'aerodrome@la desirade-2012



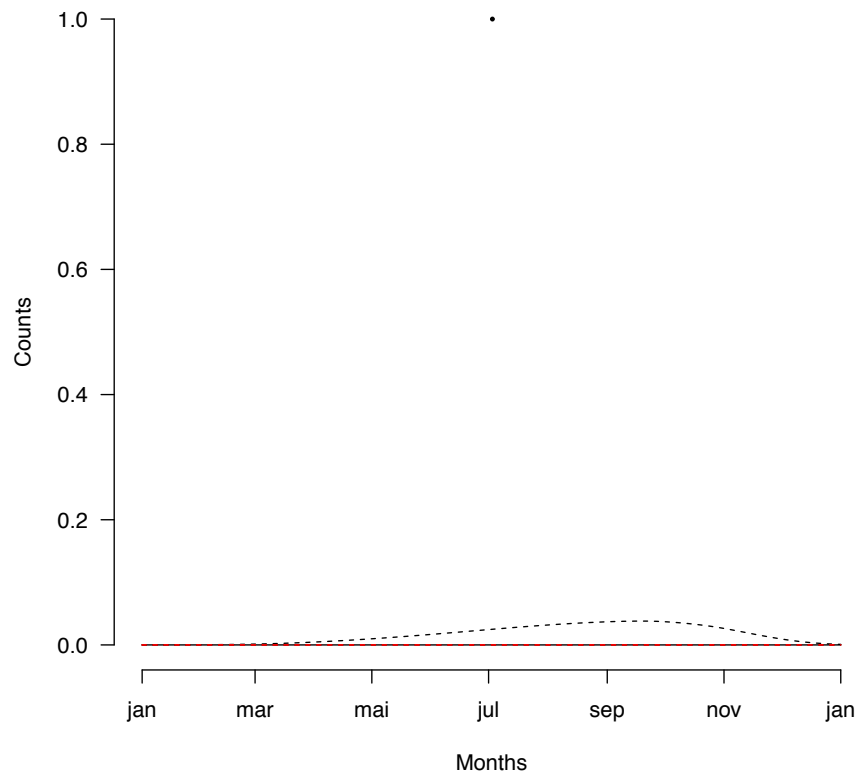
```
##
## Number of timeseries: 1
## -----
## 6#plage de l'aerodrome@la desirade-2012
## -----
## Estimation without the observed data
## Total number of counts: 64.6816 ; SD 47.9897
## Estimation taking into account the observed data
## Total number of counts: 64.3891 ; SD 47.0614
## 95% confidence interval: 1 - 158.5119
```

6#plage du souffleur@la desirade-2013



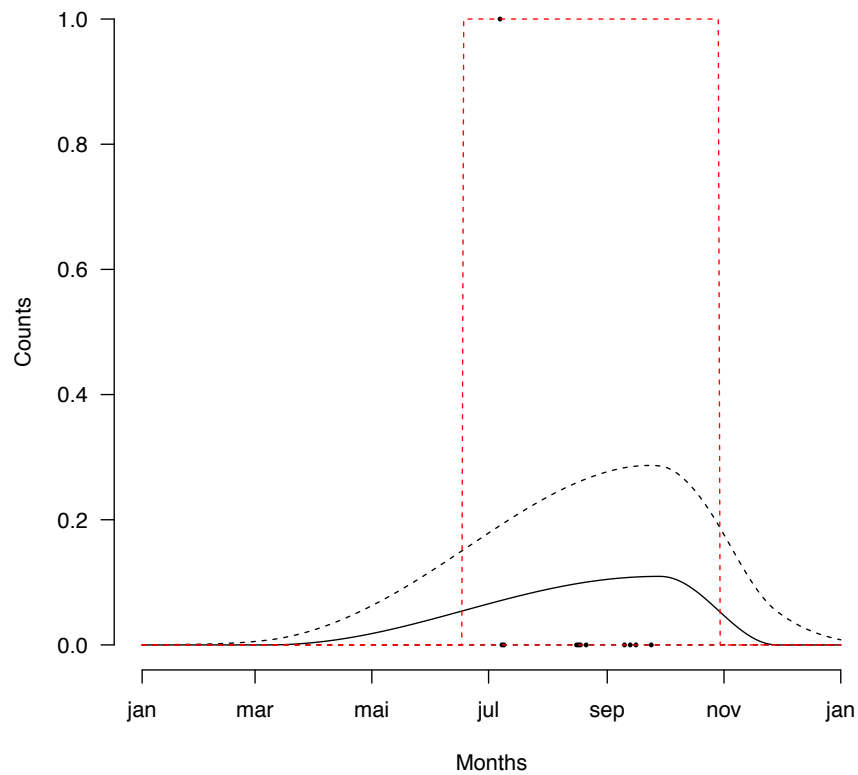
```
##
## Number of timeseries: 1
## -----
## 6#plage du souffleur@la desirade-2013
## -----
## Estimation without the observed data
## Total number of counts: 19.0685 ; SD 13.7372
## Estimation taking into account the observed data
## Total number of counts: 18.8569 ; SD 12.8763
## 95% confidence interval: 1 - 44.6095
```

6#plage sous le phare@la desirade-2014



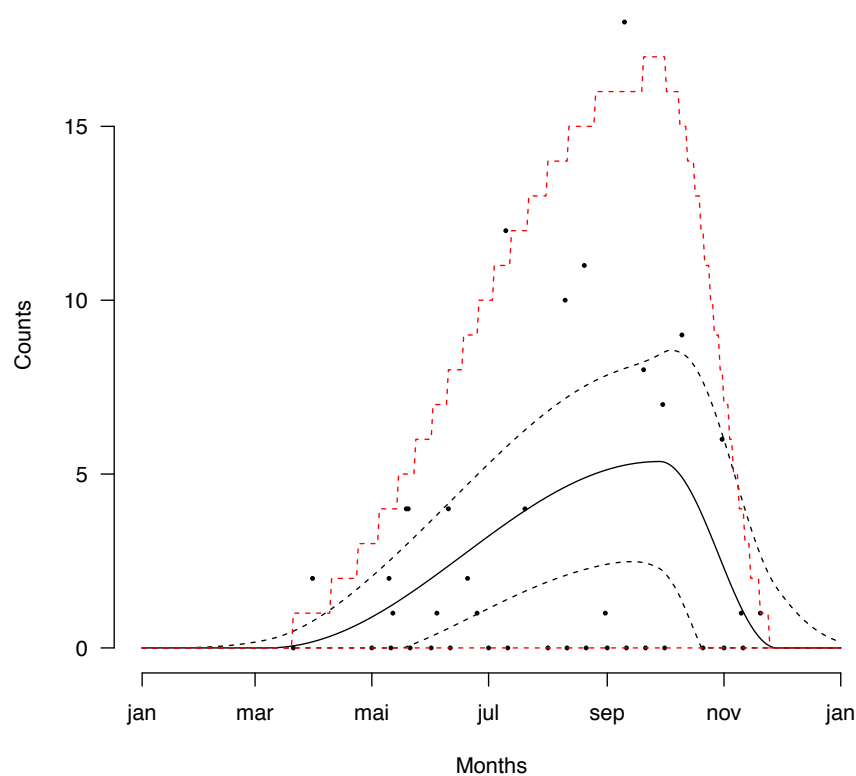
```
##
## Number of timeseries: 1
## -----
## 6#plage sous le phare@la desirade-2014
## -----
## Estimation without the observed data
## Total number of counts: 3.4632 ; SD 2.6342
## Estimation taking into account the observed data
## Total number of counts: 4.4474 ; SD 2.6223
## 95% confidence interval: 1 - 9.6919
```

6#pointe de montreuil@la desirade-2013



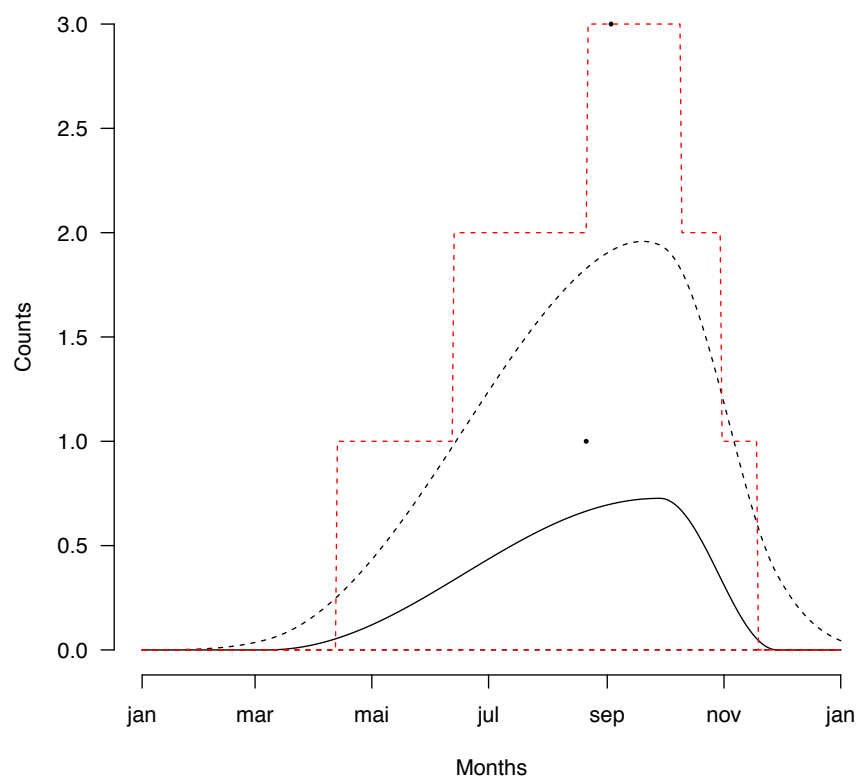
```
##
## Number of timeseries: 1
## -----
## 6#pointe de montreuil@la desirade-2013
## -----
## Estimation without the observed data
## Total number of counts: 18.5247 ; SD 12.3059
## Estimation taking into account the observed data
## Total number of counts: 18.2297 ; SD 11.4658
## 95% confidence interval: 1 - 41.1613
```

6#terre de bas@petite terre-2006



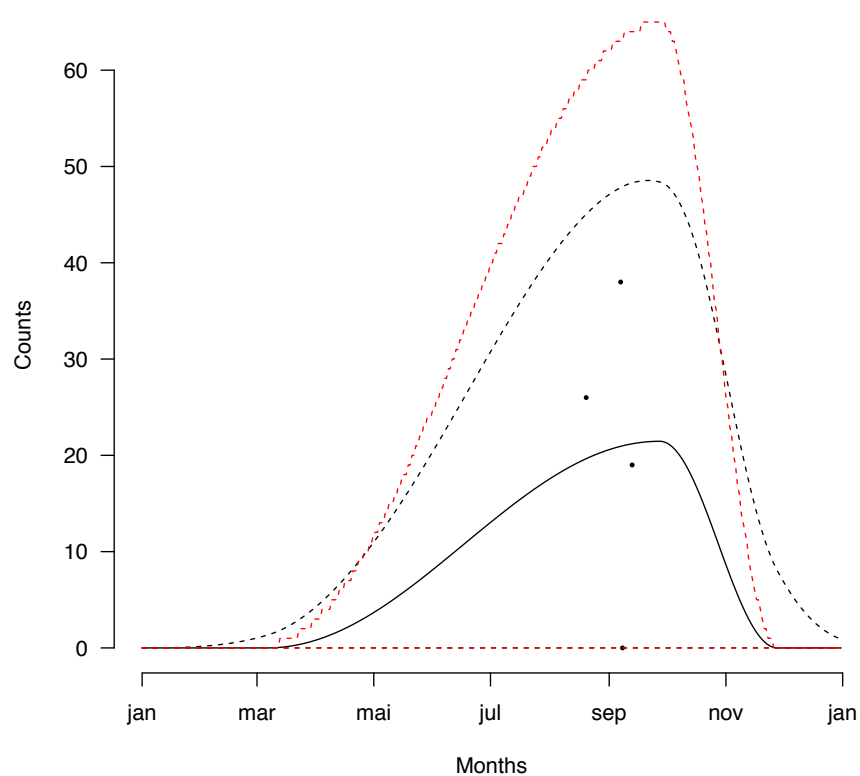
```
##
## Number of timeseries: 1
## -----
## 6#terre de bas@petite terre-2006
## -----
## Estimation without the observed data
## Total number of counts: 719.2477 ; SD 202.2885
## Estimation taking into account the observed data
## Total number of counts: 709.1735 ; SD 169.4297
## 95% confidence interval: 370.3142 - 1048.0328
```

6#terre de bas@petite terre-2007



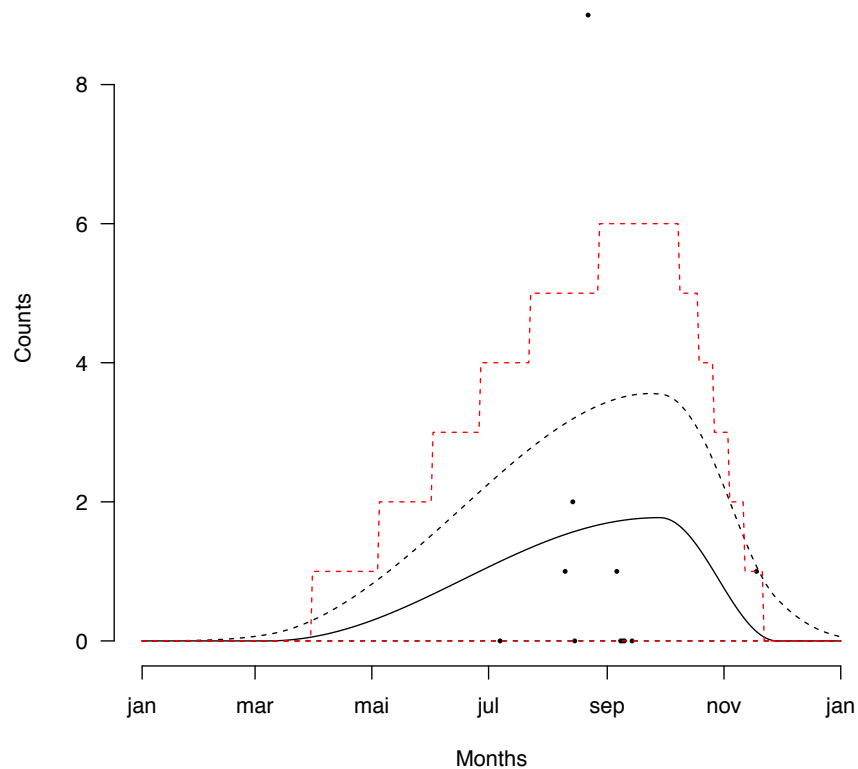
```
##
## Number of timeseries: 1
## -----
## 6#terre de bas@petite terre-2007
## -----
## Estimation without the observed data
## Total number of counts: 121.2161 ; SD 85.7664
## Estimation taking into account the observed data
## Total number of counts: 123.5347 ; SD 84.5963
## 95% confidence interval: 4 - 292.7273
```


6#terre de bas@petite terre-2008



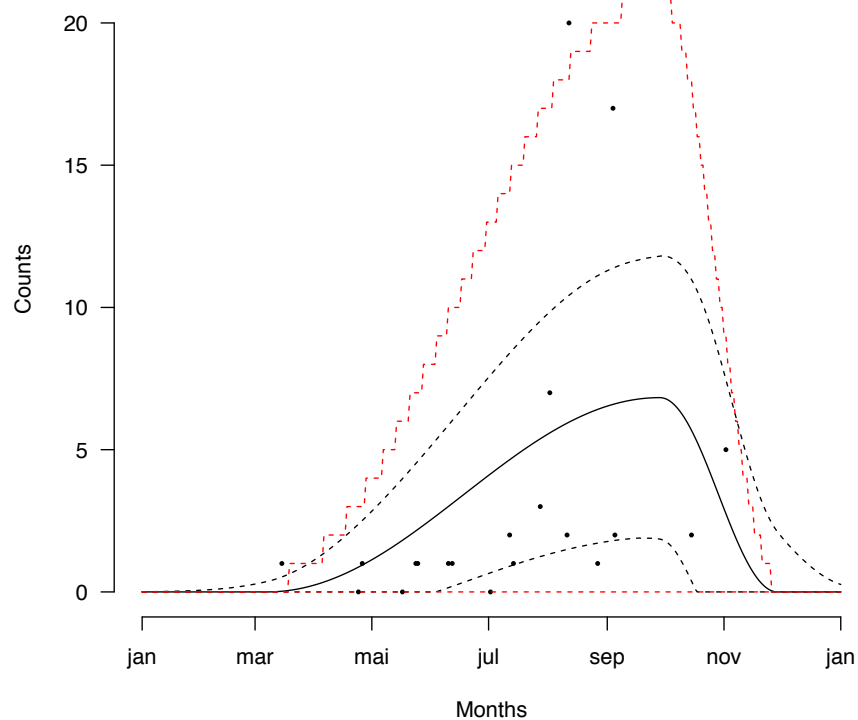
```
##
## Number of timeseries: 1
## -----
## 6#terre de bas@petite terre-2008
## -----
## Estimation without the observed data
## Total number of counts: 2968.4599 ; SD 1886.663
## Estimation taking into account the observed data
## Total number of counts: 2967.149 ; SD 1834.4303
## 95% confidence interval: 83 - 6636.0095
```

6#terre de bas@petite terre-2009



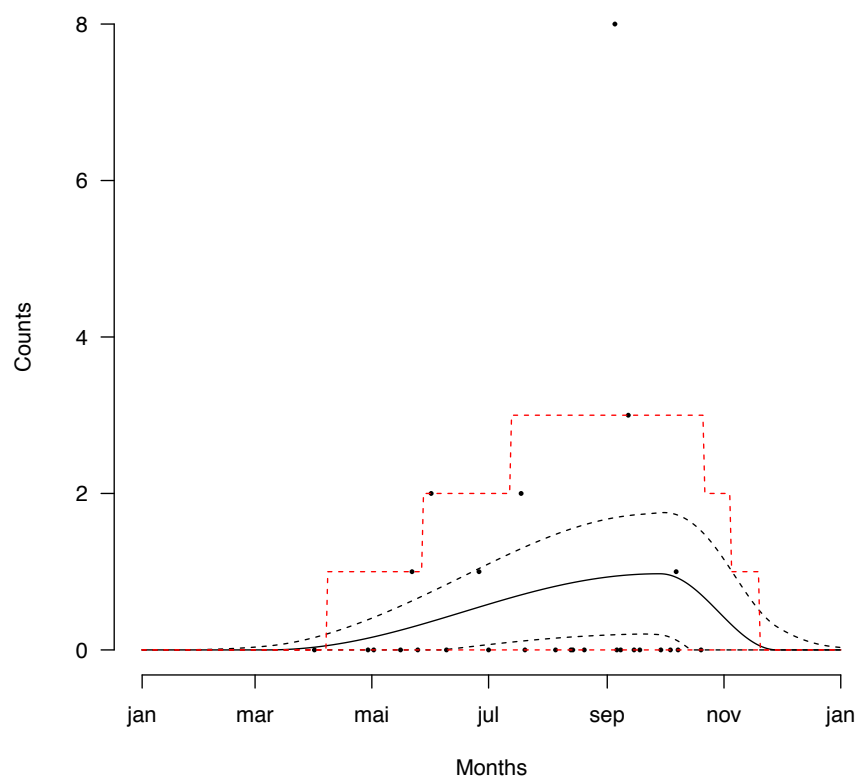
```
##
## Number of timeseries: 1
## -----
## 6#terre de bas@petite terre-2009
## -----
## Estimation without the observed data
## Total number of counts: 239.1354 ; SD 123.7469
## Estimation taking into account the observed data
## Total number of counts: 236.7477 ; SD 115.4714
## 95% confidence interval: 14 - 467.6906
```

6#terre de bas@petite terre-2010



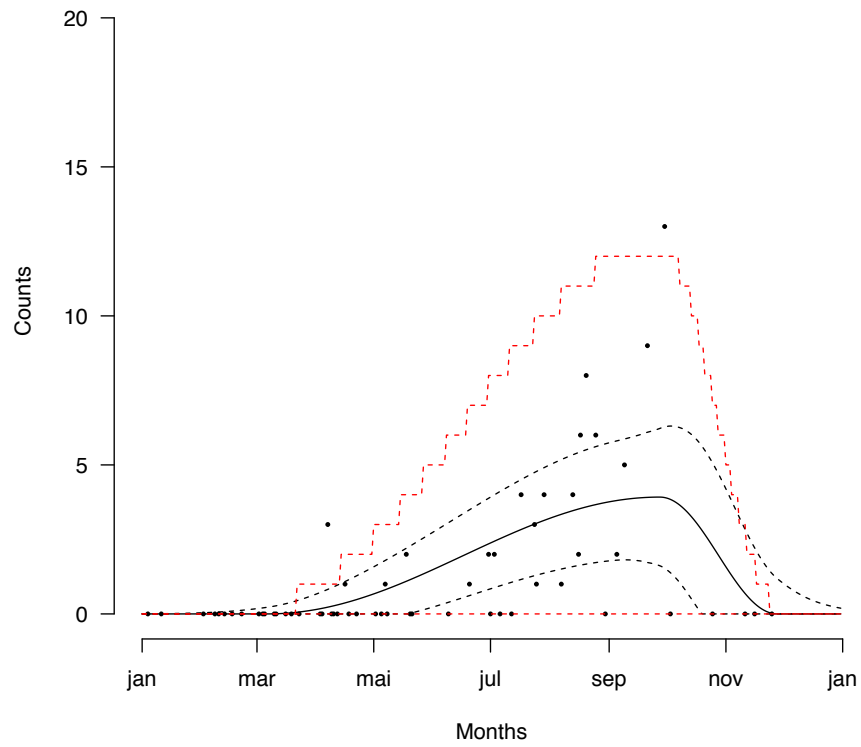
```
##
## Number of timeseries: 1
## -----
## 6#terre de bas@petite terre-2010
## -----
## Estimation without the observed data
## Total number of counts: 906.3943 ; SD 343.4559
## Estimation taking into account the observed data
## Total number of counts: 912.777 ; SD 312.1764
## 95% confidence interval: 288.4241 - 1537.1299
```

6#terre de bas@petite terre-2011



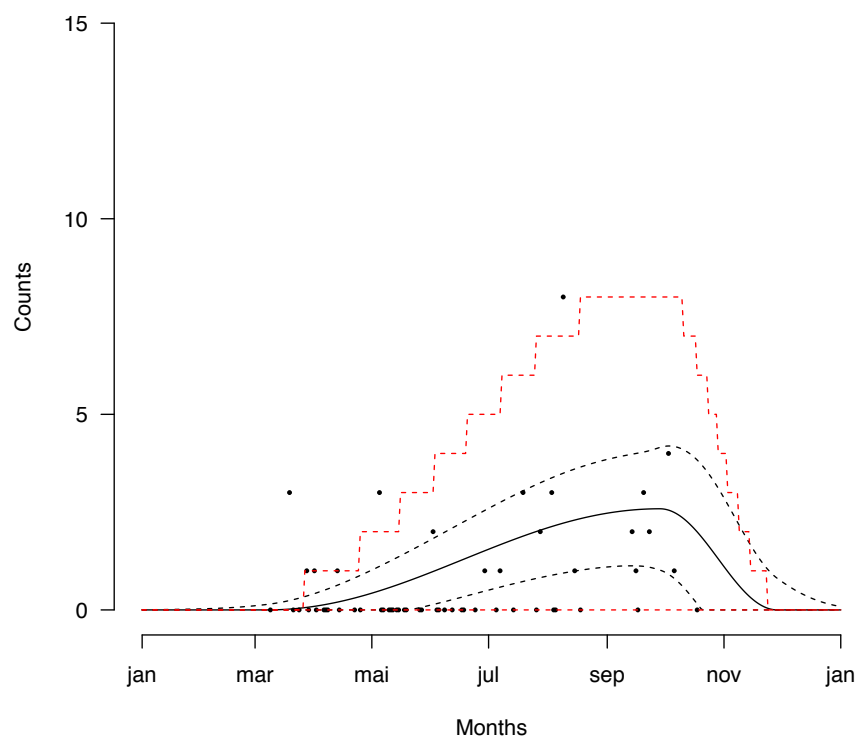
```
##
## Number of timeseries: 1
## -----
## 6#terre de bas@petite terre-2011
## -----
## Estimation without the observed data
## Total number of counts: 127.9984 ; SD 53.3994
## Estimation taking into account the observed data
## Total number of counts: 128.6612 ; SD 46.392
## 95% confidence interval: 35.8772 - 221.4452
```

6#terre de bas@petite terre-2012



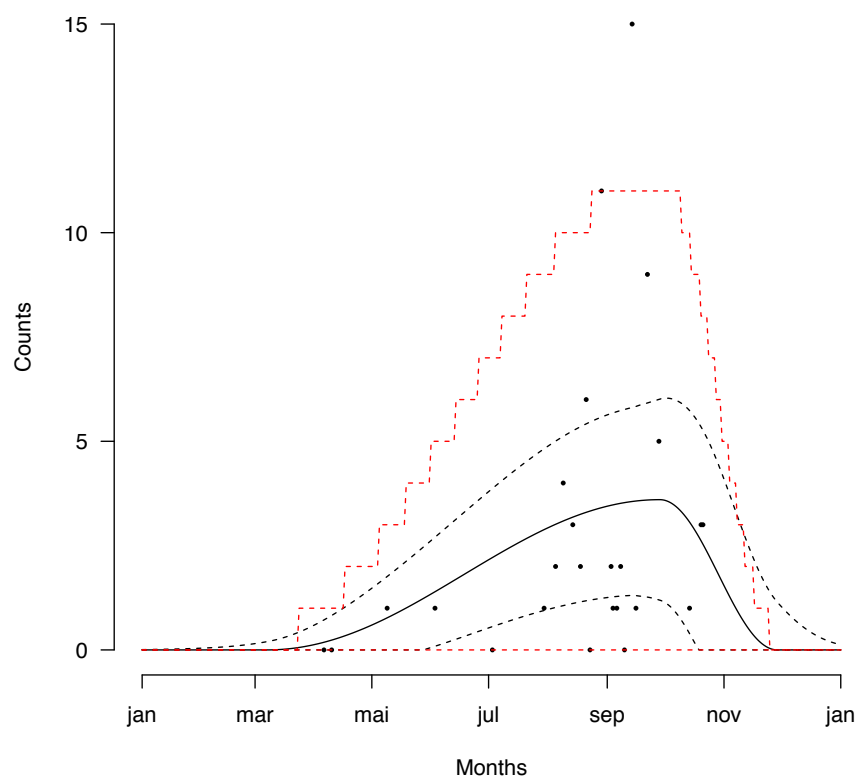
```
##
## Number of timeseries: 1
## -----
## 6#terre de bas@petite terre-2012
## -----
## Estimation without the observed data
## Total number of counts: 523.7252 ; SD 145.5053
## Estimation taking into account the observed data
## Total number of counts: 535.596 ; SD 121.5817
## 95% confidence interval: 292.4326 - 778.7595
```

6#terre de bas@petite terre-2013



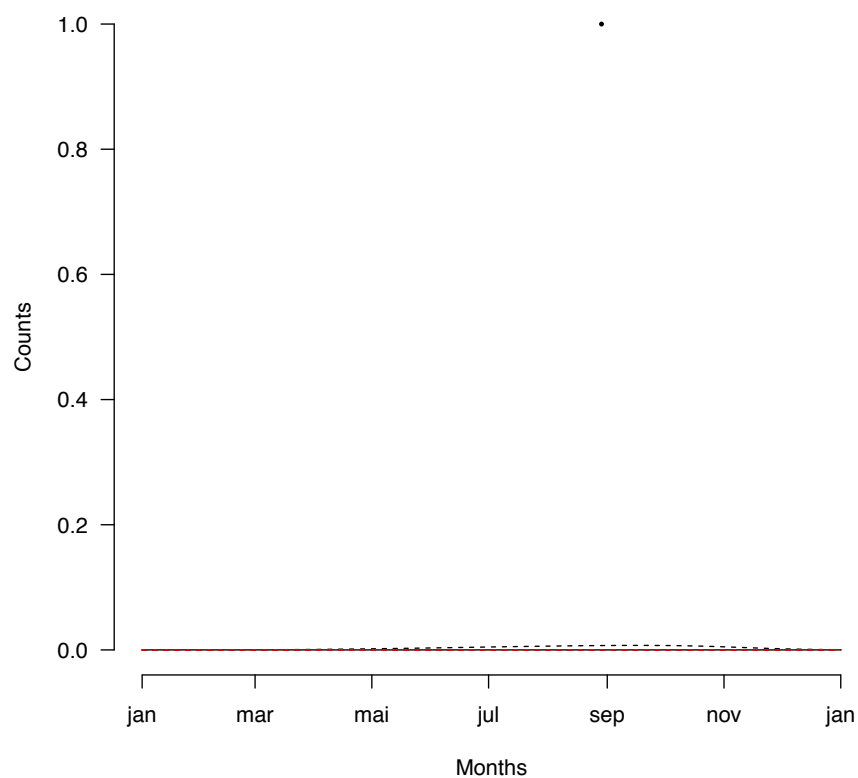
```
##
## Number of timeseries: 1
## -----
## 6#terre de bas@petite terre-2013
## -----
## Estimation without the observed data
## Total number of counts: 343.3034 ; SD 101.6959
## Estimation taking into account the observed data
## Total number of counts: 336.9285 ; SD 83.1184
## 95% confidence interval: 170.6918 - 503.1653
```

6#terre de bas@petite terre-2014



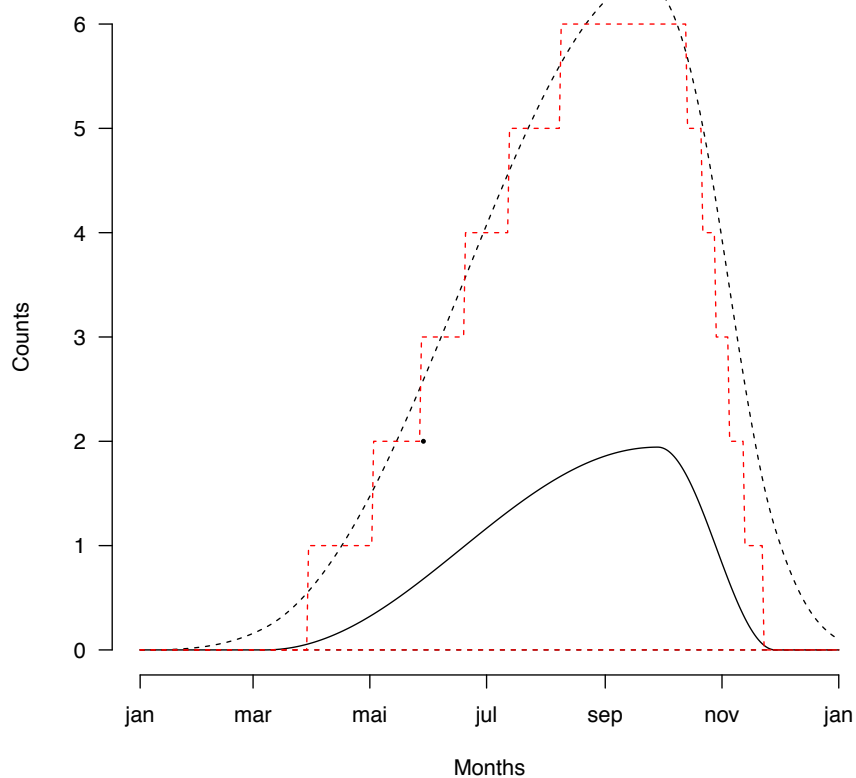
```
##
## Number of timeseries: 1
## -----
## 6#terre de bas@petite terre-2014
## -----
## Estimation without the observed data
## Total number of counts: 482.7507 ; SD 163.1533
## Estimation taking into account the observed data
## Total number of counts: 488.0274 ; SD 141.5823
## 95% confidence interval: 204.8628 - 771.192
```

6#terre de haut@petite terre-2005



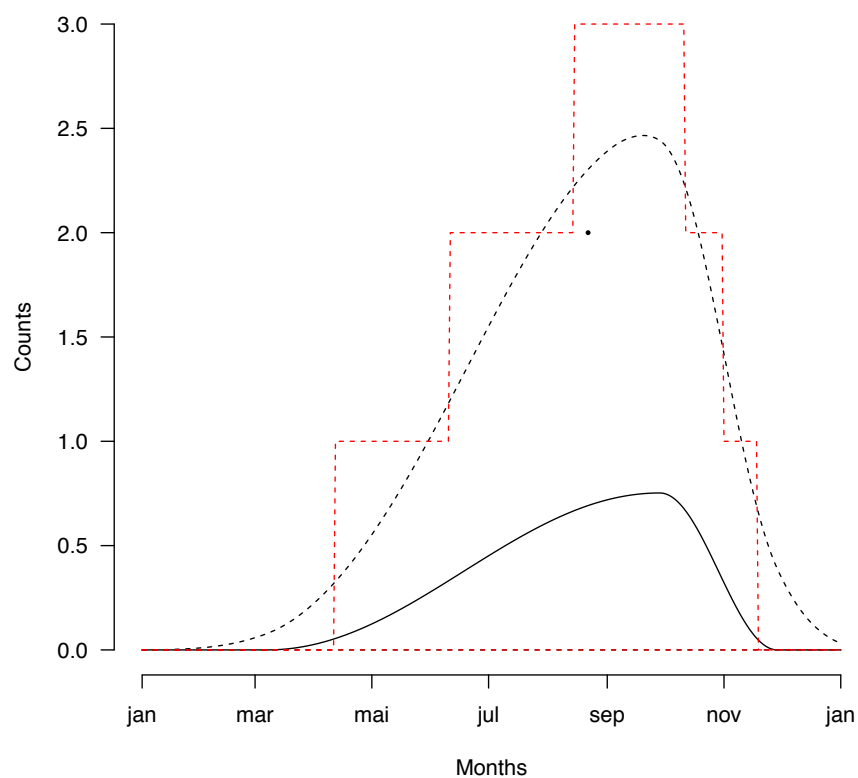
```
##
## Number of timeseries: 1
## -----
## 6#terre de haut@petite terre-2005
## -----
## Estimation without the observed data
## Total number of counts: 0.6724 ; SD 0.4989
## Estimation taking into account the observed data
## Total number of counts: 1.6677 ; SD 0.4955
## 95% confidence interval: 1 - 2.6587
```


6#terre de haut@petite terre-2006



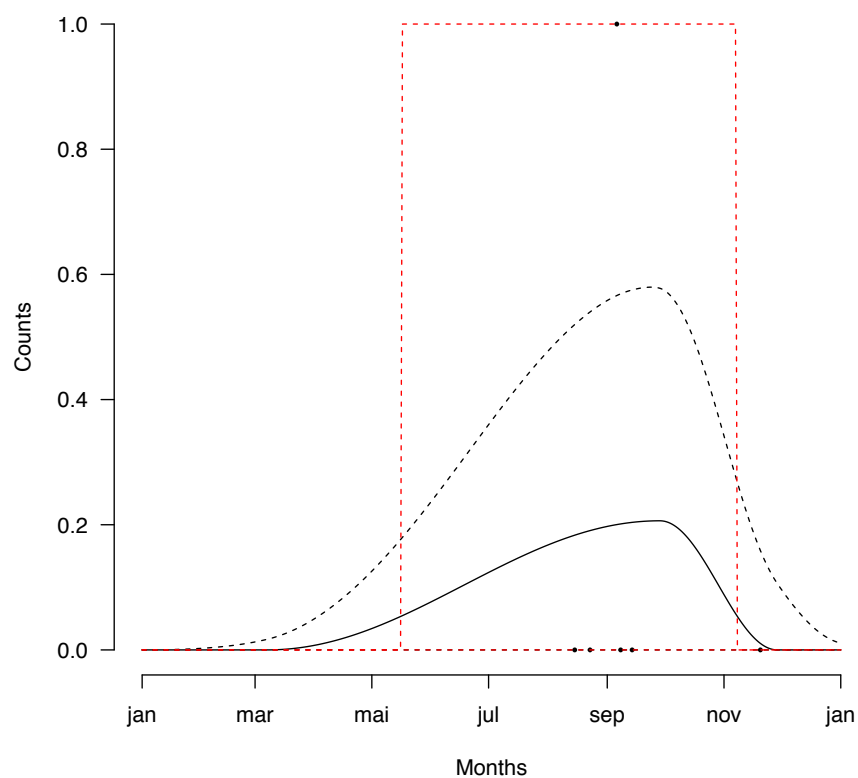
```
##
## Number of timeseries: 1
## -----
## 6#terre de haut@petite terre-2006
## -----
## Estimation without the observed data
## Total number of counts: 409.7906 ; SD 310.911
## Estimation taking into account the observed data
## Total number of counts: 410.7211 ; SD 310.0647
## 95% confidence interval: 2 - 1030.8505
```

6#terre de haut@petite terre-2007



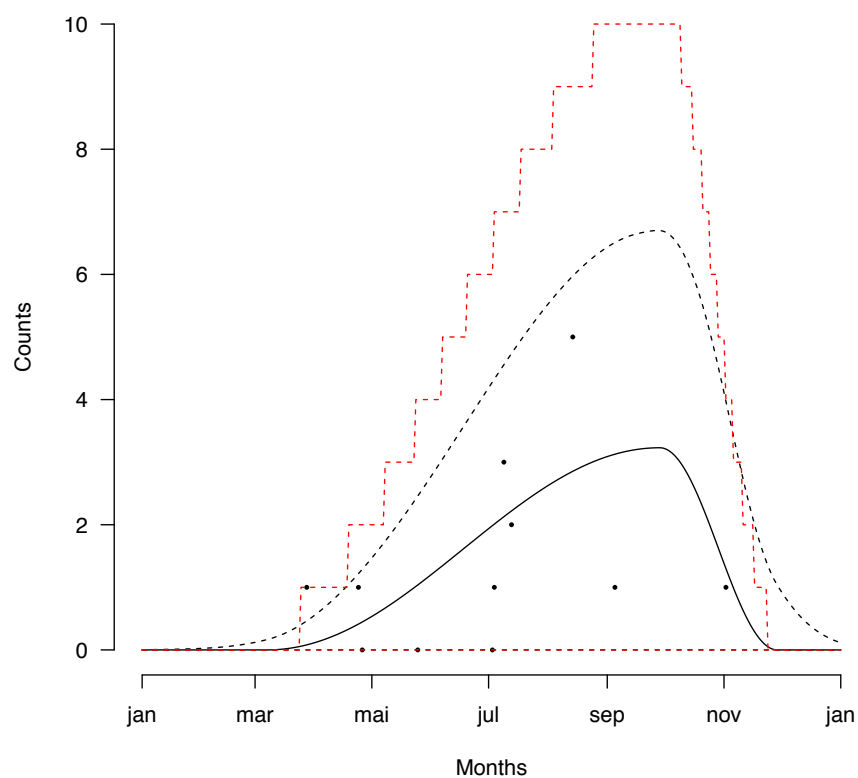
```
##
## Number of timeseries: 1
## -----
## 6#terre de haut@petite terre-2007
## -----
## Estimation without the observed data
## Total number of counts: 151.0093 ; SD 118.533
## Estimation taking into account the observed data
## Total number of counts: 151.9756 ; SD 117.7382
## 95% confidence interval: 2 - 387.4521
```

6#terre de haut@petite terre-2009



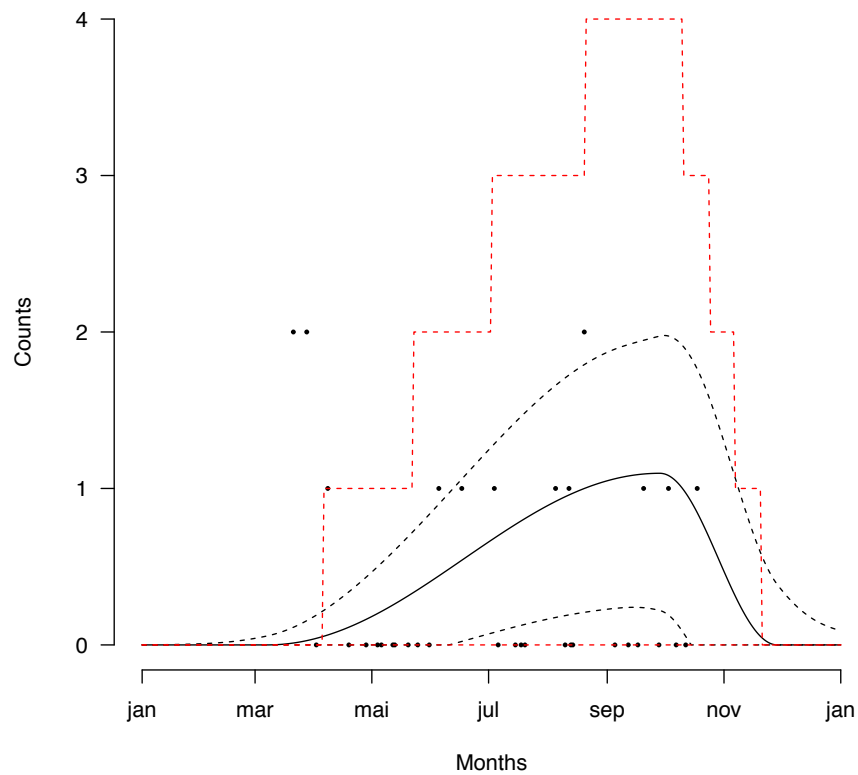
```
##
## Number of timeseries: 1
## -----
## 6#terre de haut@petite terre-2009
## -----
## Estimation without the observed data
## Total number of counts: 34.1145 ; SD 25.713
## Estimation taking into account the observed data
## Total number of counts: 33.8771 ; SD 24.7977
## 95% confidence interval: 1 - 83.4724
```

6#terre de haut@petite terre-2010



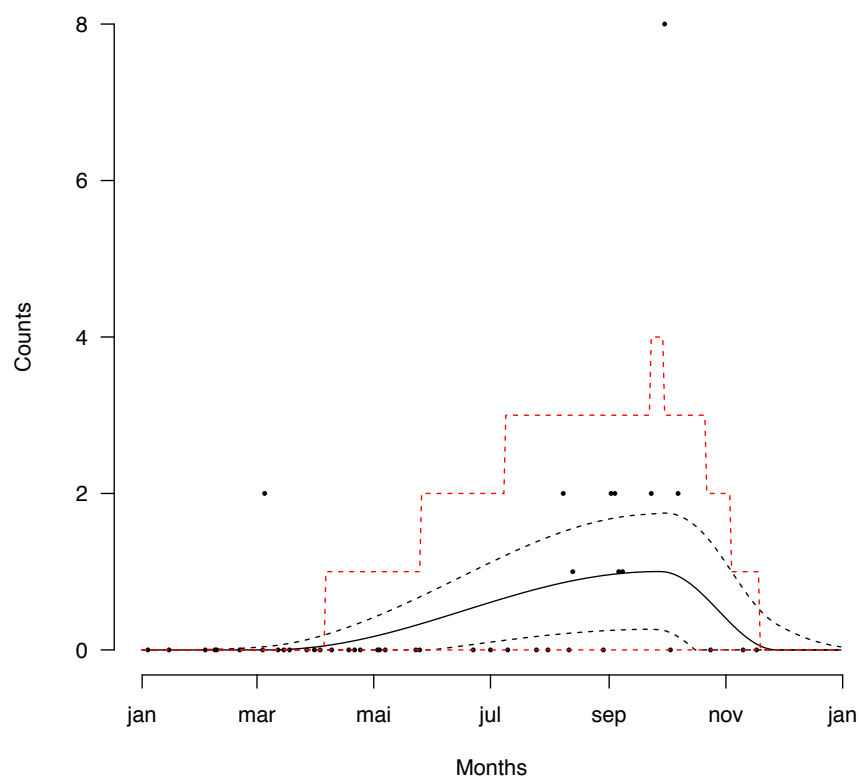
```
##
## Number of timeseries: 1
## -----
## 6#terre de haut@petite terre-2010
## -----
## Estimation without the observed data
## Total number of counts: 445.4939 ; SD 238.1968
## Estimation taking into account the observed data
## Total number of counts: 442.2918 ; SD 228.5151
## 95% confidence interval: 15 - 899.3221
```

6#terre de haut@petite terre-2011



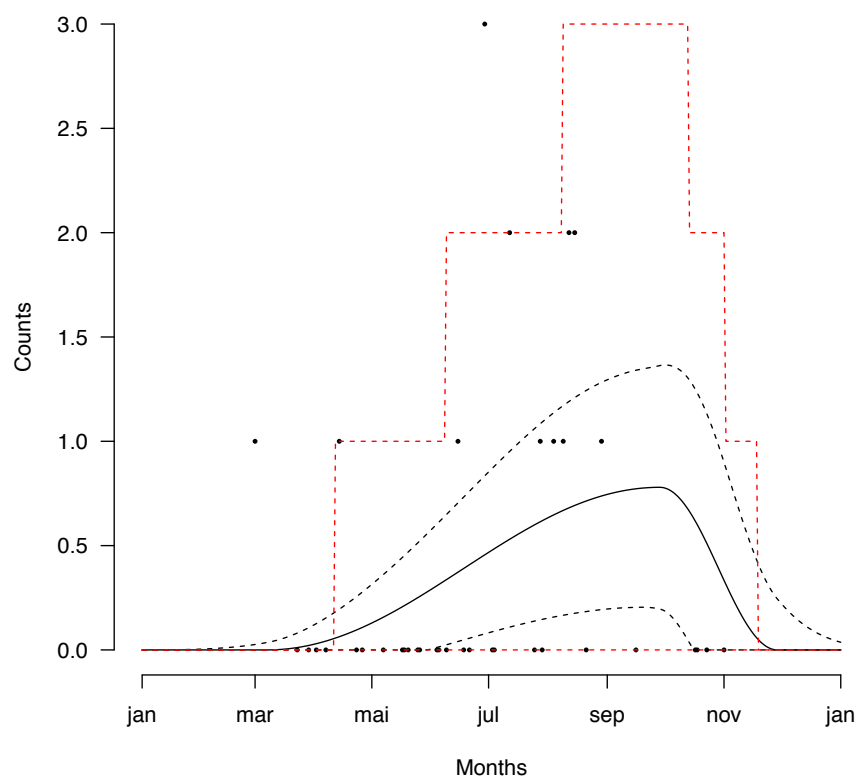
```
##
## Number of timeseries: 1
## -----
## 6#terre de haut@petite terre-2011
## -----
## Estimation without the observed data
## Total number of counts: 148.2953 ; SD 59.6083
## Estimation taking into account the observed data
## Total number of counts: 141.3775 ; SD 50.9856
## 95% confidence interval: 39.4062 - 243.3488
```

6#terre de haut@petite terre-2012



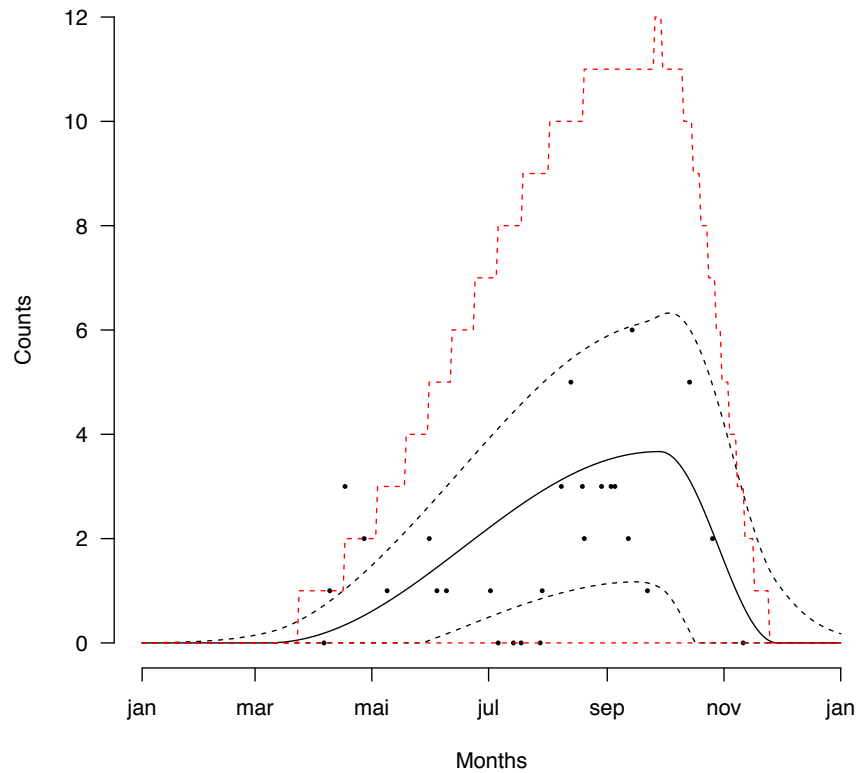
```
##
## Number of timeseries: 1
## -----
## 6#terre de haut@petite terre-2012
## -----
## Estimation without the observed data
## Total number of counts: 132.4712 ; SD 51.4397
## Estimation taking into account the observed data
## Total number of counts: 138.2998 ; SD 44.8723
## 95% confidence interval: 48.5551 - 228.0445
```

6#terre de haut@petite terre-2013



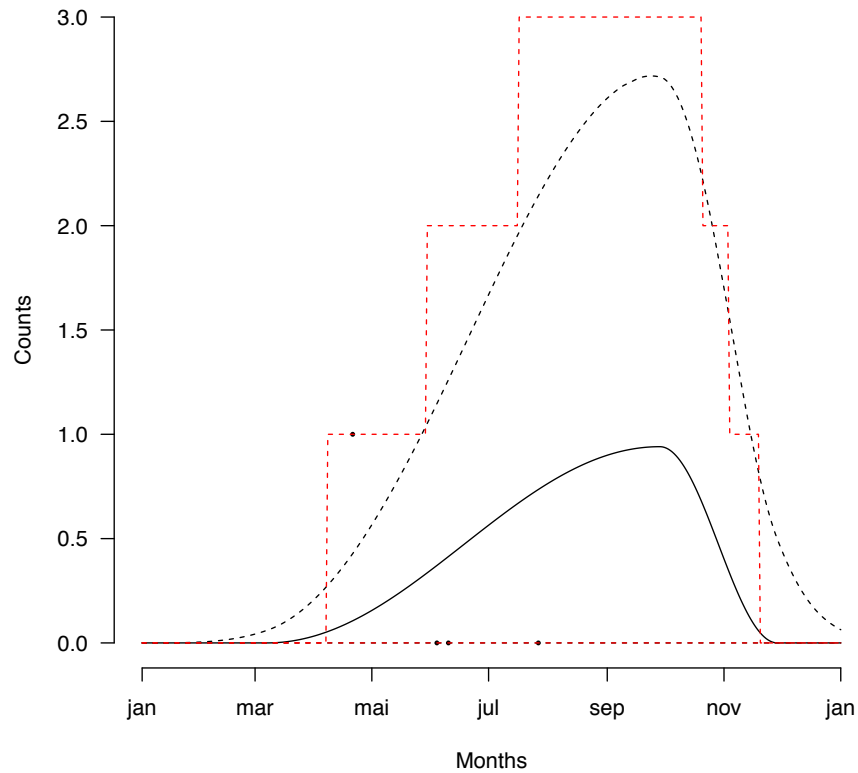
```
##
## Number of timeseries: 1
## -----
## 6#terre de haut@petite terre-2013
## -----
## Estimation without the observed data
## Total number of counts: 102.8464 ; SD 39.6399
## Estimation taking into account the observed data
## Total number of counts: 104.6701 ; SD 34.2546
## 95% confidence interval: 36.1608 - 173.1793
```

6#terre de haut@petite terre-2014



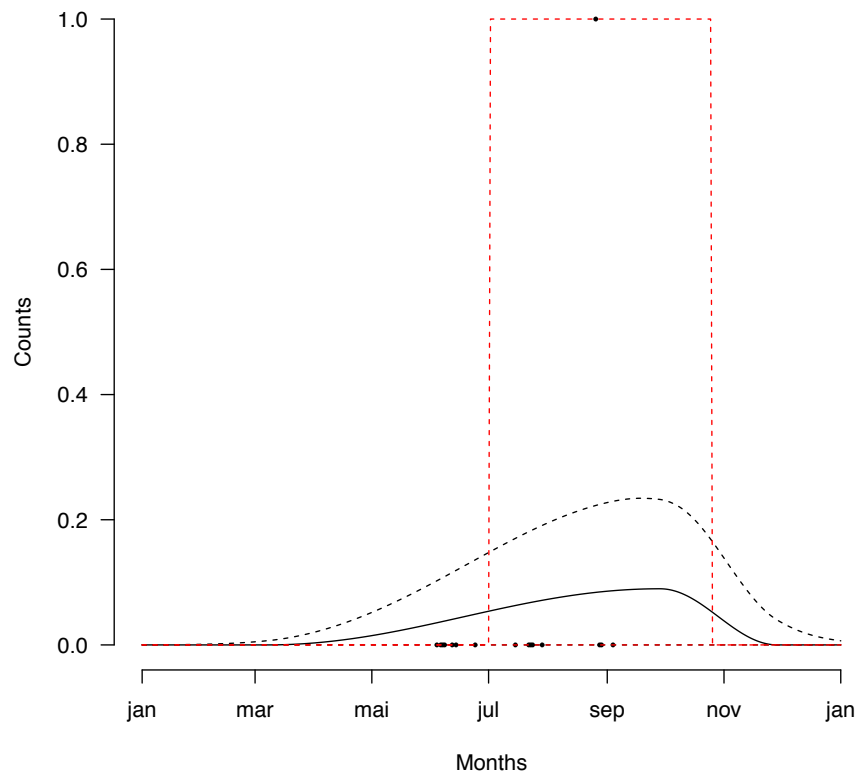
```
##
## Number of timeseries: 1
## -----
## 6#terre de haut@petite terre-2014
## -----
## Estimation without the observed data
## Total number of counts: 485.3782 ; SD 174.7392
## Estimation taking into account the observed data
## Total number of counts: 475.2577 ; SD 153.6145
## 95% confidence interval: 168.0287 - 782.4866
```


7#anse de mays@saint louis-2009



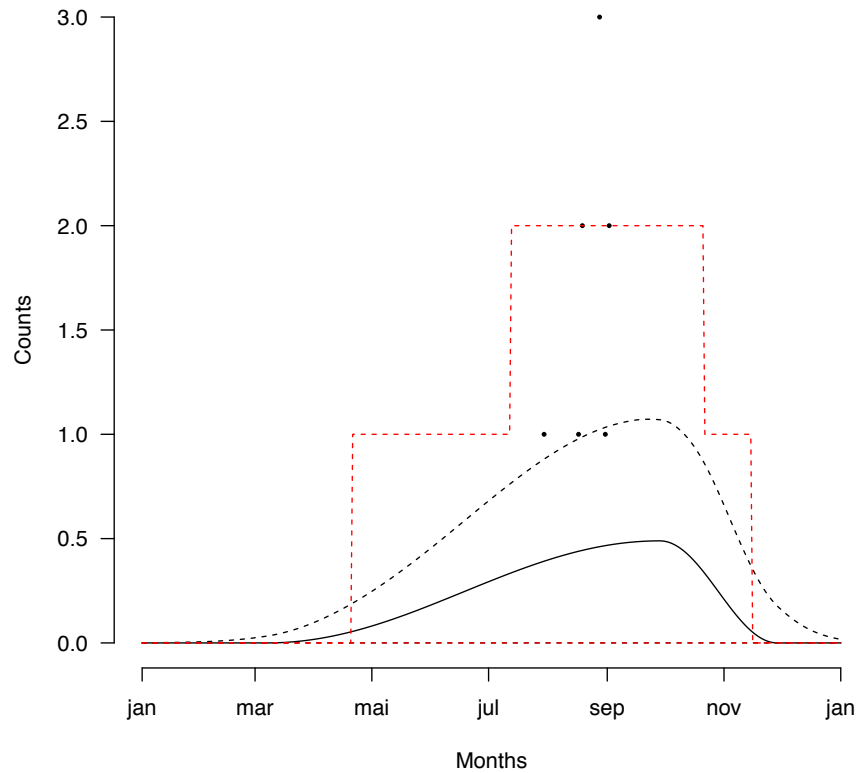
```
##
## Number of timeseries: 1
## -----
## 7#anse de mays@saint louis-2009
## -----
## Estimation without the observed data
## Total number of counts: 168.9284 ; SD 122.6305
## Estimation taking into account the observed data
## Total number of counts: 167.765 ; SD 121.1005
## 95% confidence interval: 1 - 409.966
```

7#anse de mays@saint louis-2013



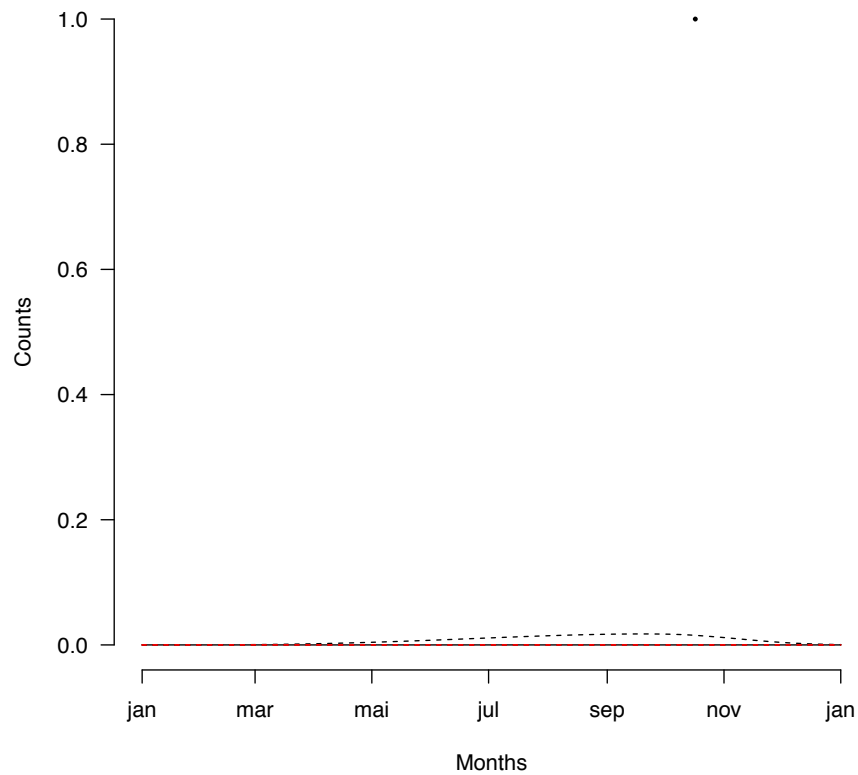
```
##
## Number of timeseries: 1
## -----
## 7#anse de mays@saint louis-2013
## -----
## Estimation without the observed data
## Total number of counts: 14.0865 ; SD 10.0528
## Estimation taking into account the observed data
## Total number of counts: 13.9662 ; SD 9.265
## 95% confidence interval: 1 - 32.4962
```

7#anse des galets@capesterre de marie galante-2001



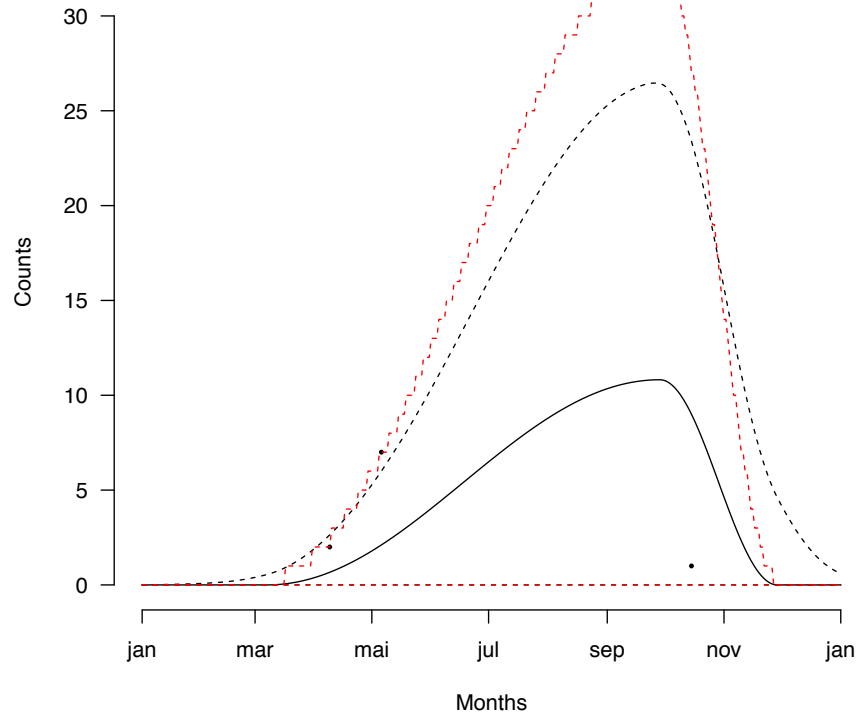
```
##
## Number of timeseries: 1
## -----
## 7#anse des galets@capesterre de marie galante-2001
## -----
## Estimation without the observed data
## Total number of counts: 70.0173 ; SD 40.8844
## Estimation taking into account the observed data
## Total number of counts: 77.1744 ; SD 39.2864
## 95% confidence interval: 10 - 155.7473
```

7#anse des galets@capesterre de marie galante-2003



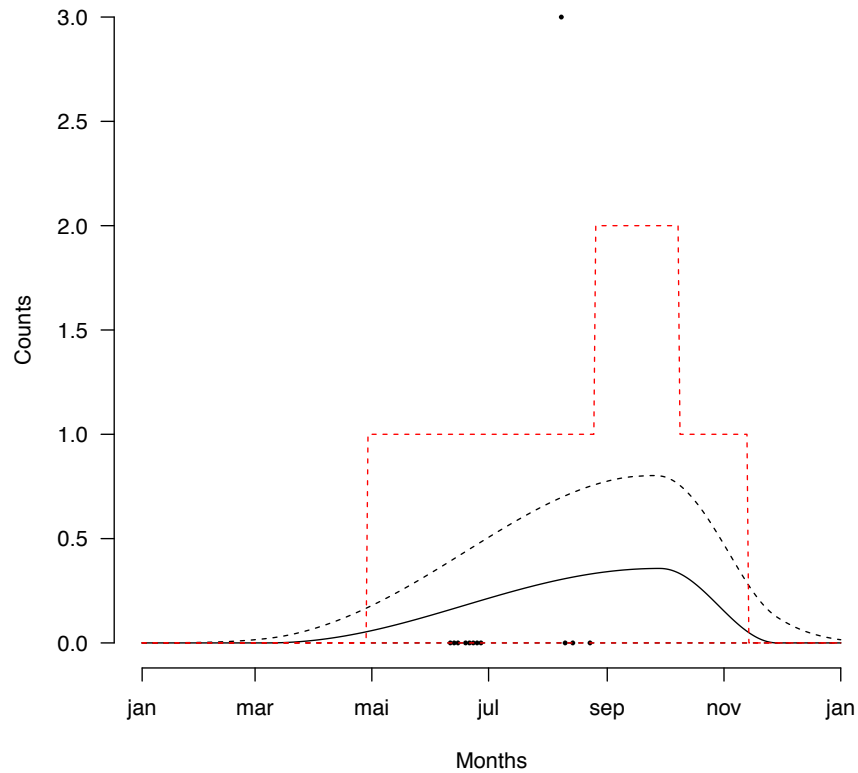
```
##
## Number of timeseries: 1
## -----
## 7#anse des galets@capesterre de marie galante-2003
## -----
## Estimation without the observed data
## Total number of counts: 1.5718 ; SD 1.2138
## Estimation taking into account the observed data
## Total number of counts: 2.5635 ; SD 1.2072
## 95% confidence interval: 1 - 4.9779
```

7#anse des galets@capesterre de marie galante-2006



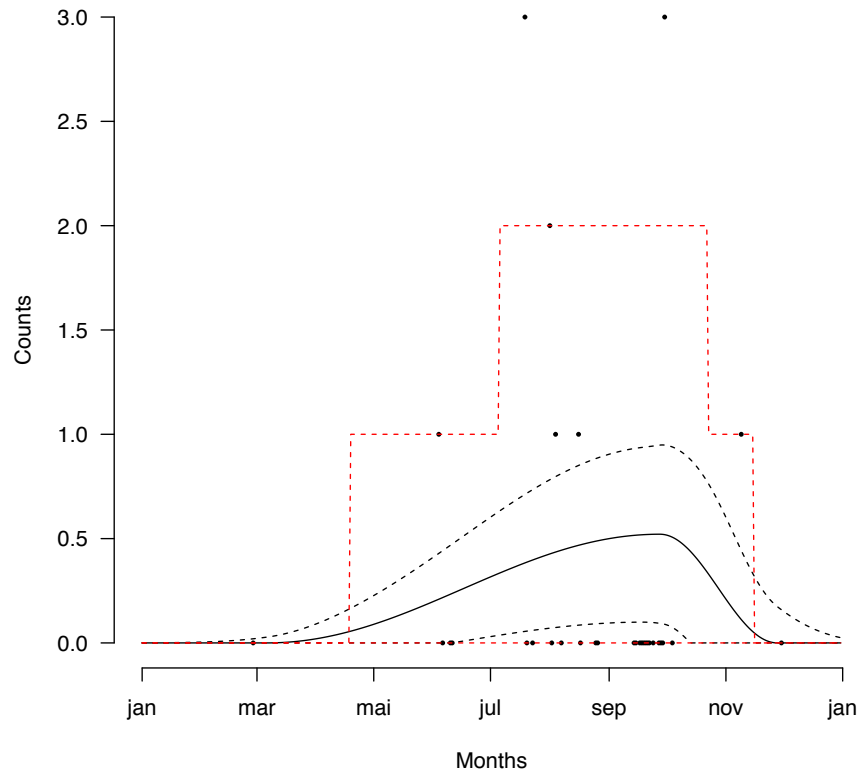
```
##
## Number of timeseries: 1
## -----
## 7#anse des galets@capesterre de marie galante-2006
## -----
## Estimation without the observed data
## Total number of counts: 1612.5048 ; SD 1060.4782
## Estimation taking into account the observed data
## Total number of counts: 1610.0936 ; SD 1052.0559
## 95% confidence interval: 10 - 3714.2054
```

7#anse des galets@capesterre de marie galante-2007



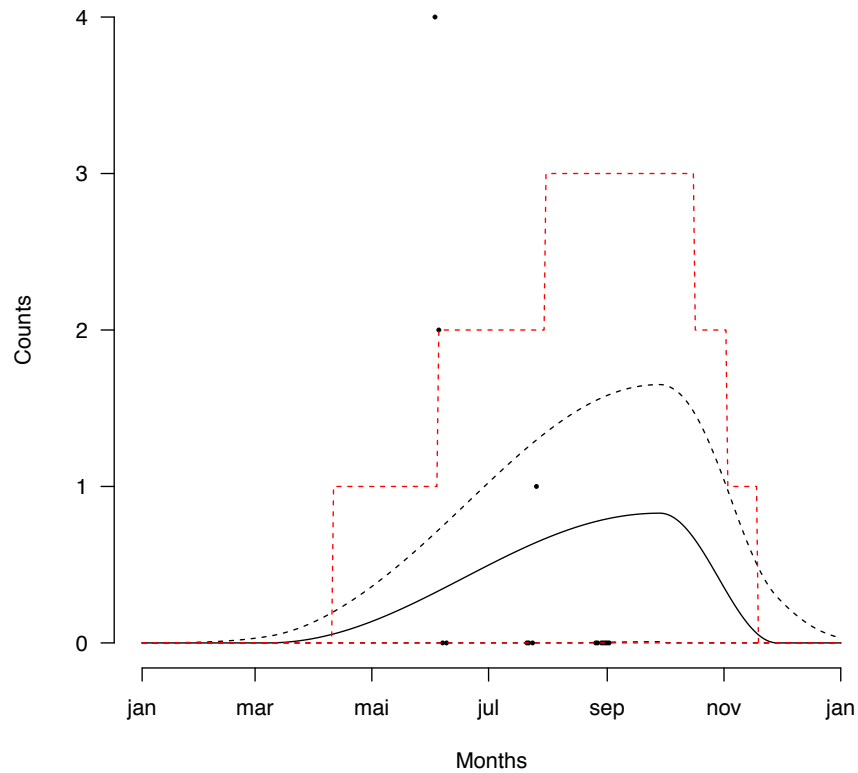
```
##
## Number of timeseries: 1
## -----
## 7#anse des galets@capesterre de marie galante-2007
## -----
## Estimation without the observed data
## Total number of counts: 50.5864 ; SD 30.6856
## Estimation taking into account the observed data
## Total number of counts: 50.7054 ; SD 28.9469
## 95% confidence interval: 3 - 108.5991
```

7#anse des galets@capesterre de marie galante-2008



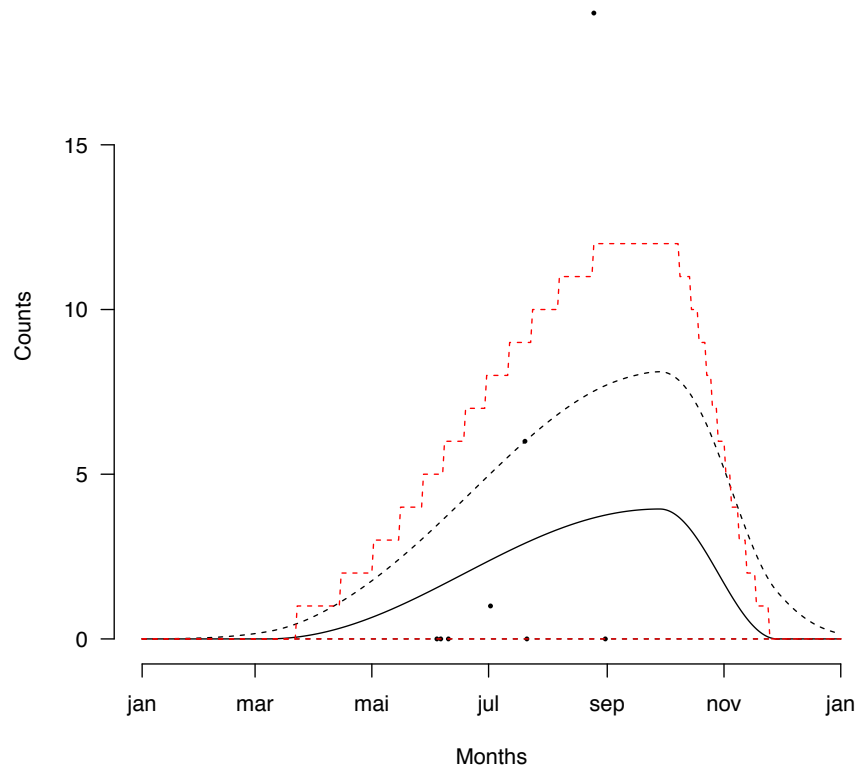
```
##
## Number of timeseries: 1
## -----
## 7#anse des galets@capesterre de marie galante-2008
## -----
## Estimation without the observed data
## Total number of counts: 69.7651 ; SD 29.1885
## Estimation taking into account the observed data
## Total number of counts: 69.0144 ; SD 24.0615
## 95% confidence interval: 20.8913 - 117.1375
```

7#anse des galets@capesterre de marie galante-2009



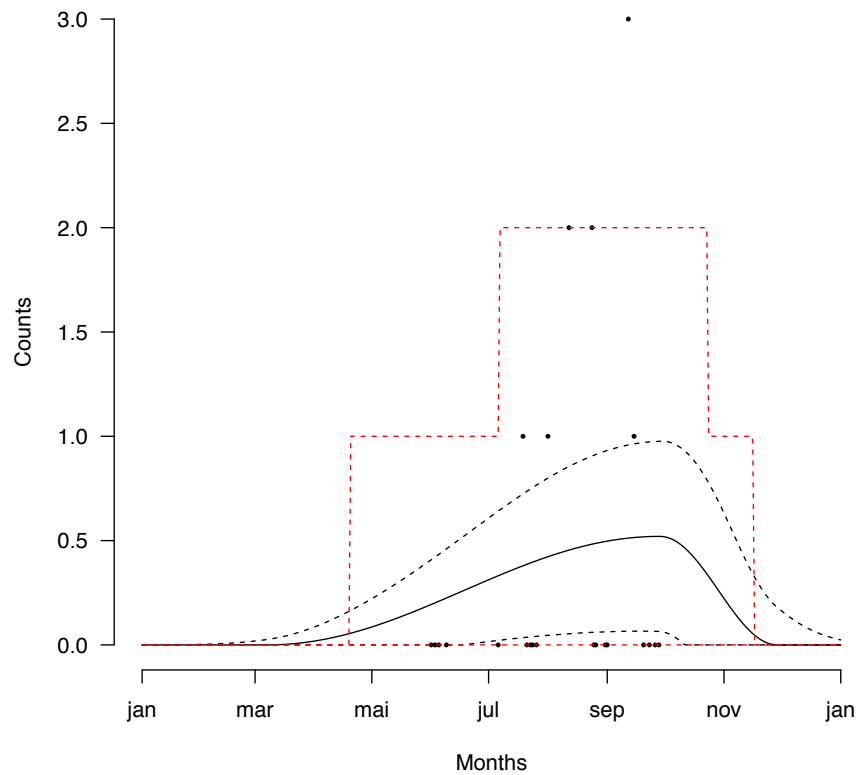
```
##
## Number of timeseries: 1
## -----
## 7#anse des galets@capesterre de marie galante-2009
## -----
## Estimation without the observed data
## Total number of counts: 110.1623 ; SD 56.6688
## Estimation taking into account the observed data
## Total number of counts: 107.9526 ; SD 52.1001
## 95% confidence interval: 7 - 212.1528
```


7#anse des galets@capesterre de marie galante-2010



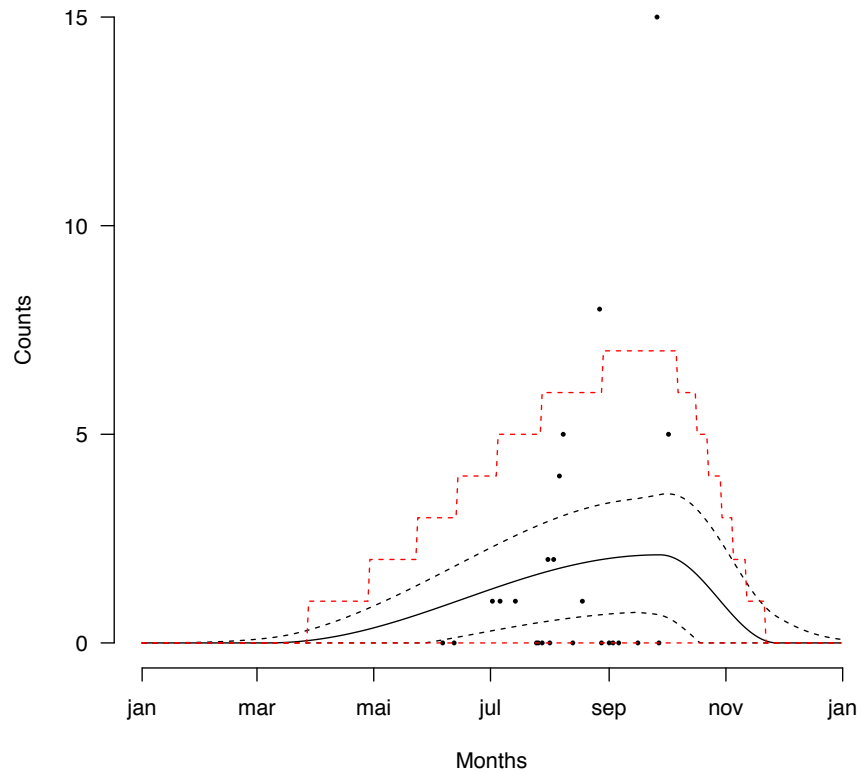
```
##
## Number of timeseries: 1
## -----
## 7#anse des galets@capesterre de marie galante-2010
## -----
## Estimation without the observed data
## Total number of counts: 541.3433 ; SD 281.1411
## Estimation taking into account the observed data
## Total number of counts: 546.5753 ; SD 270.7126
## 95% confidence interval: 26 - 1088.0004
```

7#anse des galets@capesterre de marie galante-2011



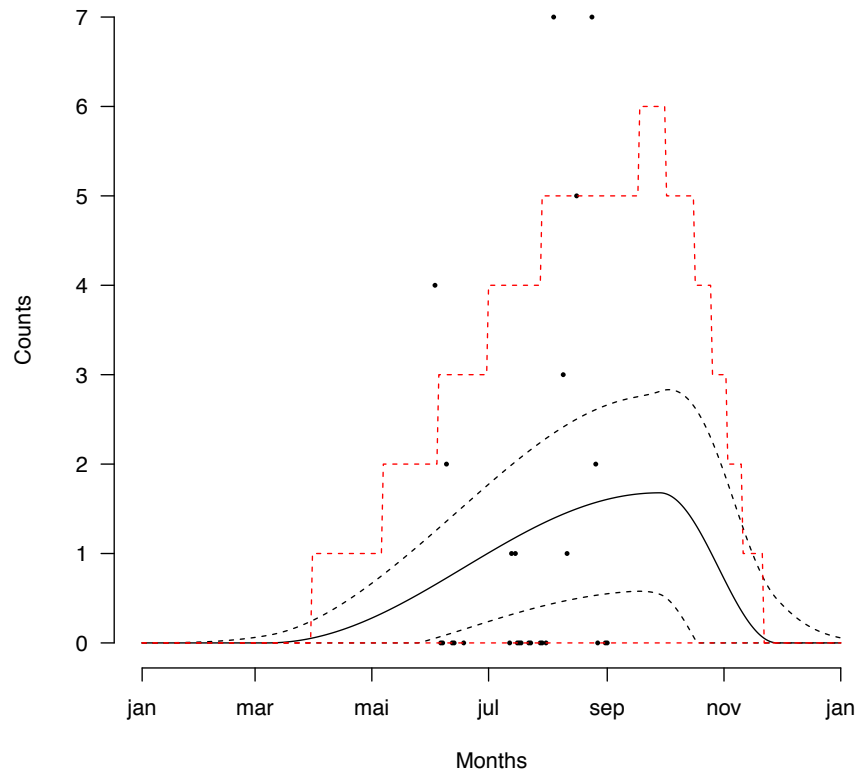
```
##
## Number of timeseries: 1
## -----
## 7#anse des galets@capesterre de marie galante-2011
## -----
## Estimation without the observed data
## Total number of counts: 67.5051 ; SD 31.232
## Estimation taking into account the observed data
## Total number of counts: 68.4095 ; SD 27.2254
## 95% confidence interval: 13.9586 - 122.8603
```

7#anse des galets@capesterre de marie galante-2012



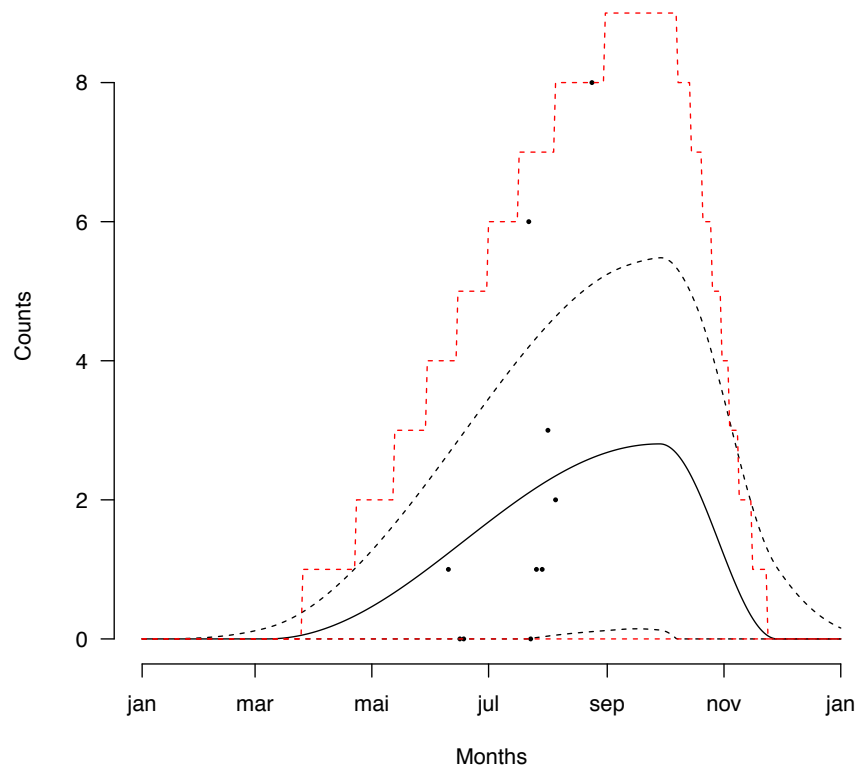
```
##
## Number of timeseries: 1
## -----
## 7#anse des galets@capesterre de marie galante-2012
## -----
## Estimation without the observed data
## Total number of counts: 280.9784 ; SD 95.8863
## Estimation taking into account the observed data
## Total number of counts: 284.7955 ; SD 82.5599
## 95% confidence interval: 119.6757 - 449.9153
```

7#anse des galets@capesterre de marie galante-2013



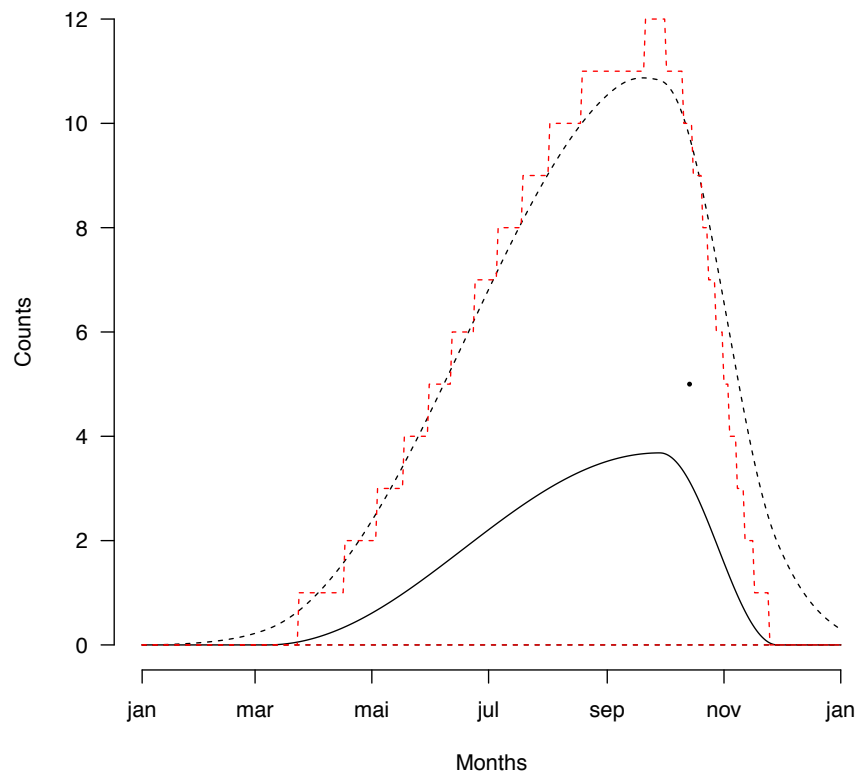
```
##
## Number of timeseries: 1
## -----
## 7#anse des galets@capesterre de marie galante-2013
## -----
## Estimation without the observed data
## Total number of counts: 222.1562 ; SD 76.8694
## Estimation taking into account the observed data
## Total number of counts: 223.1925 ; SD 66.4994
## 95% confidence interval: 90.1937 - 356.1913
```

7#anse des galets@capesterre de marie galante-2014



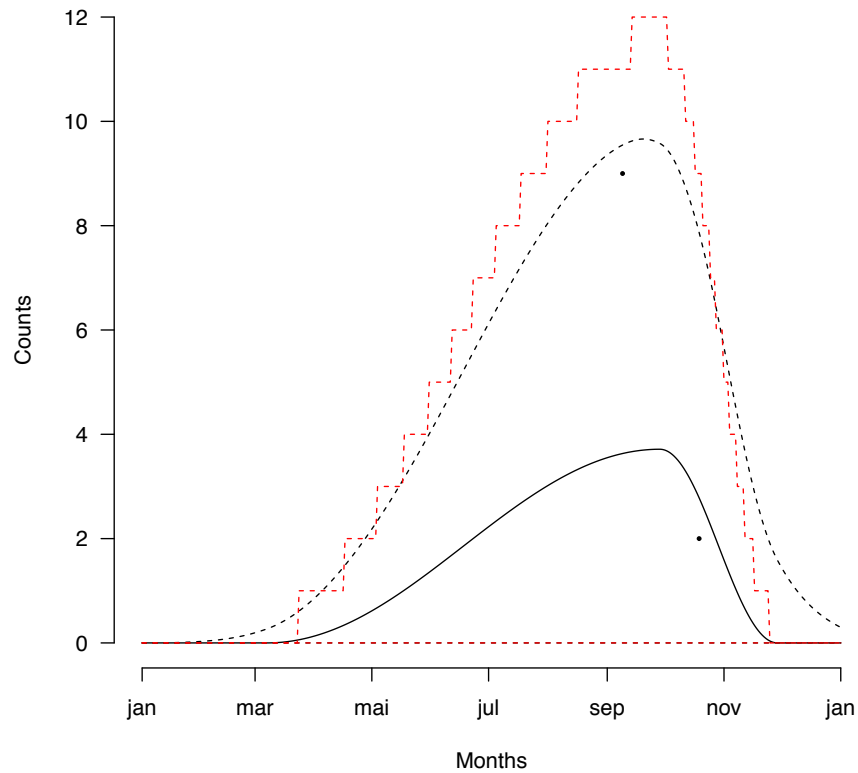
```
##
## Number of timeseries: 1
## -----
## 7#anse des galets@capesterre de marie galante-2014
## -----
## Estimation without the observed data
## Total number of counts: 381.6508 ; SD 183.0758
## Estimation taking into account the observed data
## Total number of counts: 383.6017 ; SD 173.6821
## 95% confidence interval: 36.2376 - 730.9659
```

7#anse du coq@saint louis-2006



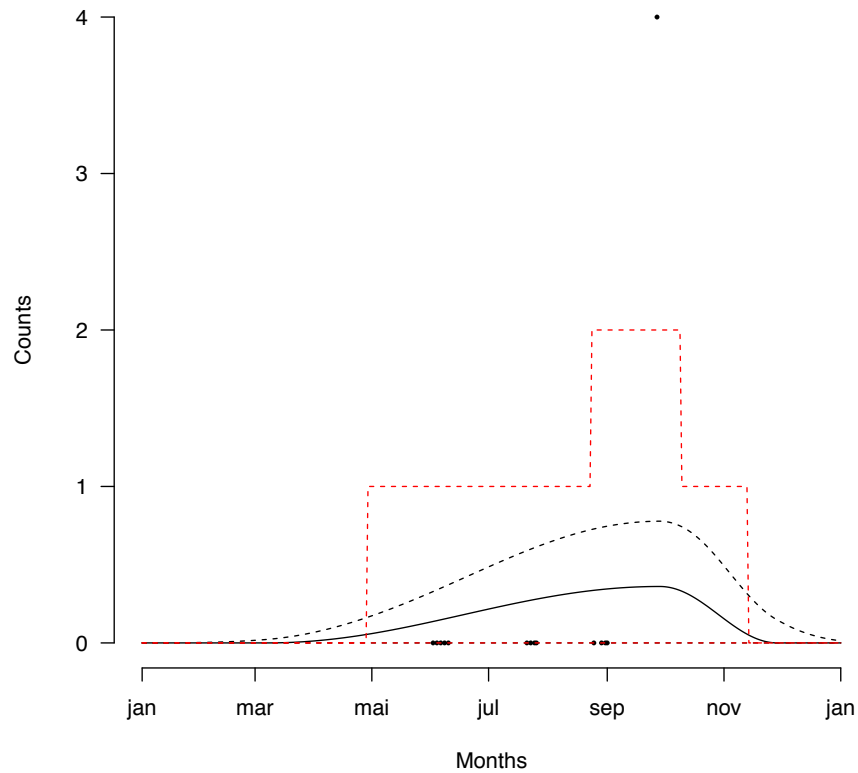
```
##
## Number of timeseries: 1
## -----
## 7#anse du coq@saint louis-2006
## -----
## Estimation without the observed data
## Total number of counts: 669.35 ; SD 501.822
## Estimation taking into account the observed data
## Total number of counts: 670.5269 ; SD 498.9101
## 95% confidence interval: 5 - 1668.3472
```

7#anse feuillard@capesterre de marie galante-2006



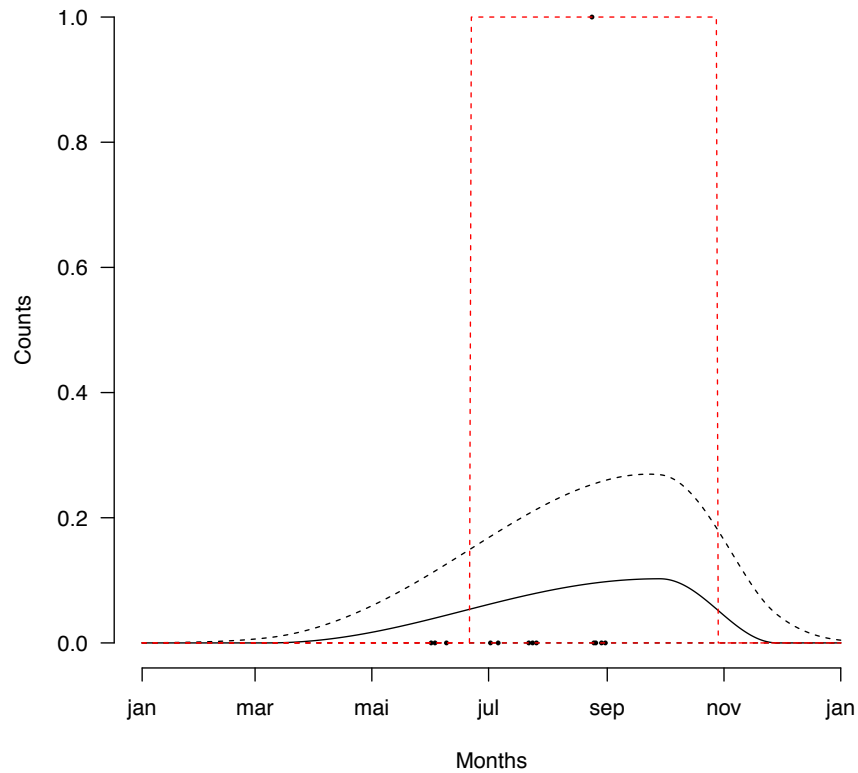
```
##
## Number of timeseries: 1
## -----
## 7#anse feuillard@capesterre de marie galante-2006
## -----
## Estimation without the observed data
## Total number of counts: 595.1522 ; SD 415.4555
## Estimation taking into account the observed data
## Total number of counts: 598.8587 ; SD 410.5045
## 95% confidence interval: 11 - 1419.8677
```

7#anse feuillard@capesterre de marie galante-2010



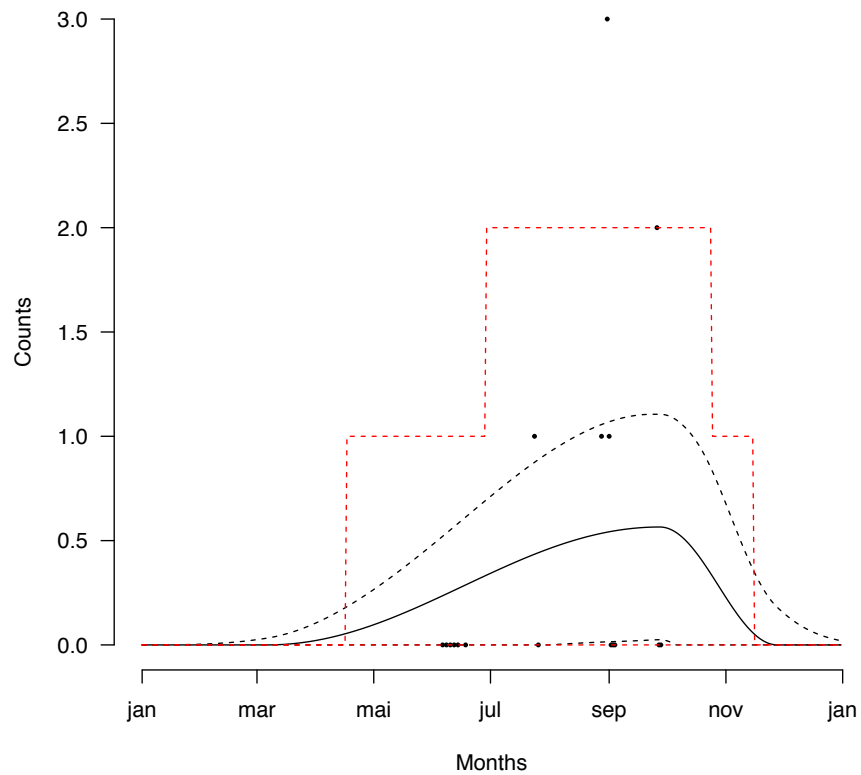
```
##
## Number of timeseries: 1
## -----
## 7#anse feuillard@capesterre de marie galante-2010
## -----
## Estimation without the observed data
## Total number of counts: 49.8751 ; SD 29.3122
## Estimation taking into account the observed data
## Total number of counts: 50.2798 ; SD 27.2672
## 95% confidence interval: 4 - 104.8143
```


7#anse feuillard@capesterre de marie galante-2011



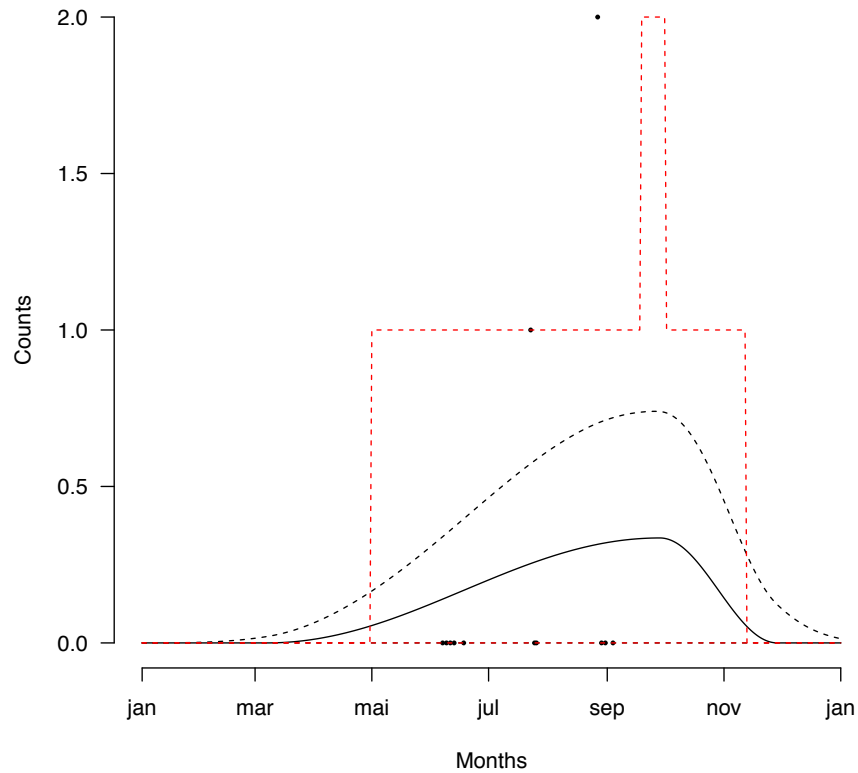
```
##
## Number of timeseries: 1
## -----
## 7#anse feuillard@capesterre de marie galante-2011
## -----
## Estimation without the observed data
## Total number of counts: 16.6702 ; SD 11.5753
## Estimation taking into account the observed data
## Total number of counts: 16.5126 ; SD 10.7837
## 95% confidence interval: 1 - 38.0799
```

7#anse feillard@capesterre de marie galante-2012



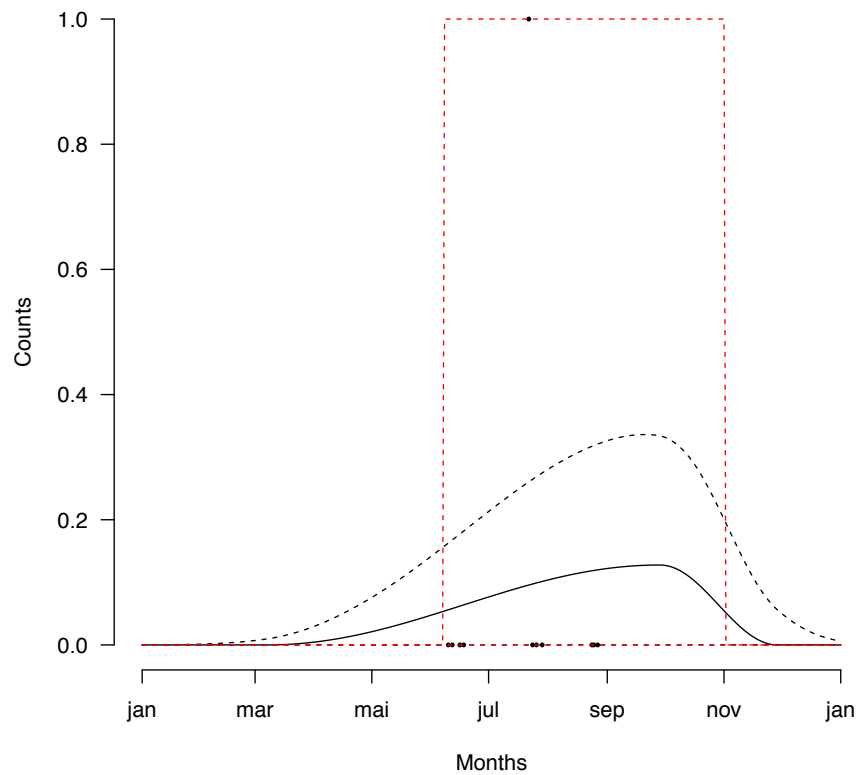
```
##
## Number of timeseries: 1
## -----
## 7#anse feillard@capesterre de marie galante-2012
## -----
## Estimation without the observed data
## Total number of counts: 75.608 ; SD 38.0655
## Estimation taking into account the observed data
## Total number of counts: 76.3794 ; SD 34.539
## 95% confidence interval: 8 - 145.4574
```

7#anse feuillard@capesterre de marie galante-2013



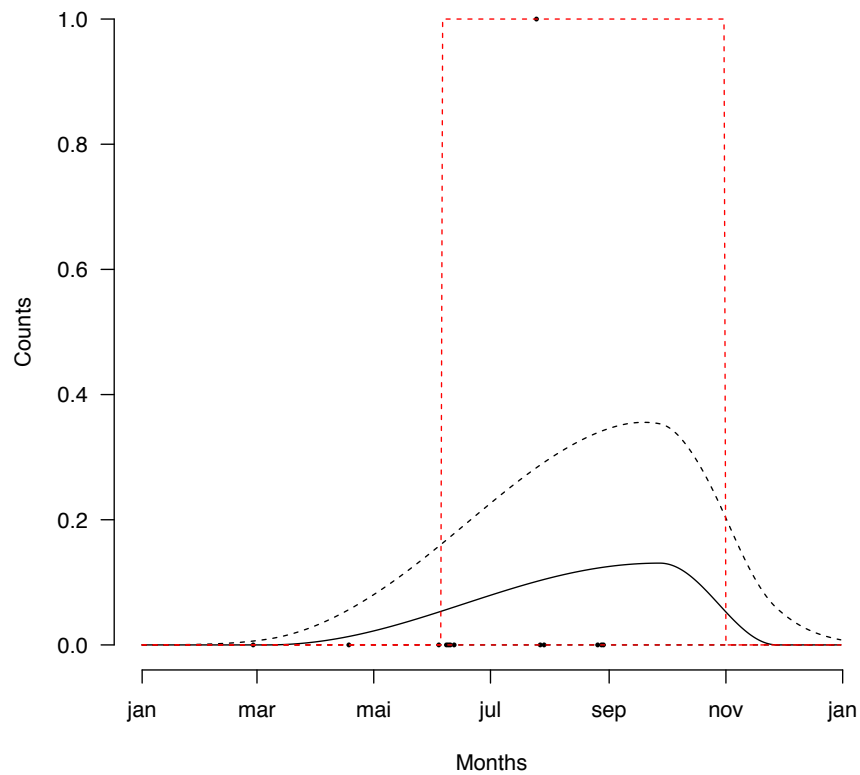
```
##
## Number of timeseries: 1
## -----
## 7#anse feuillard@capesterre de marie galante-2013
## -----
## Estimation without the observed data
## Total number of counts: 45.2867 ; SD 28.1304
## Estimation taking into account the observed data
## Total number of counts: 45.4883 ; SD 26.4235
## 95% confidence interval: 3 - 98.3354
```

7#anse feuillard@capesterre de marie galante-2014



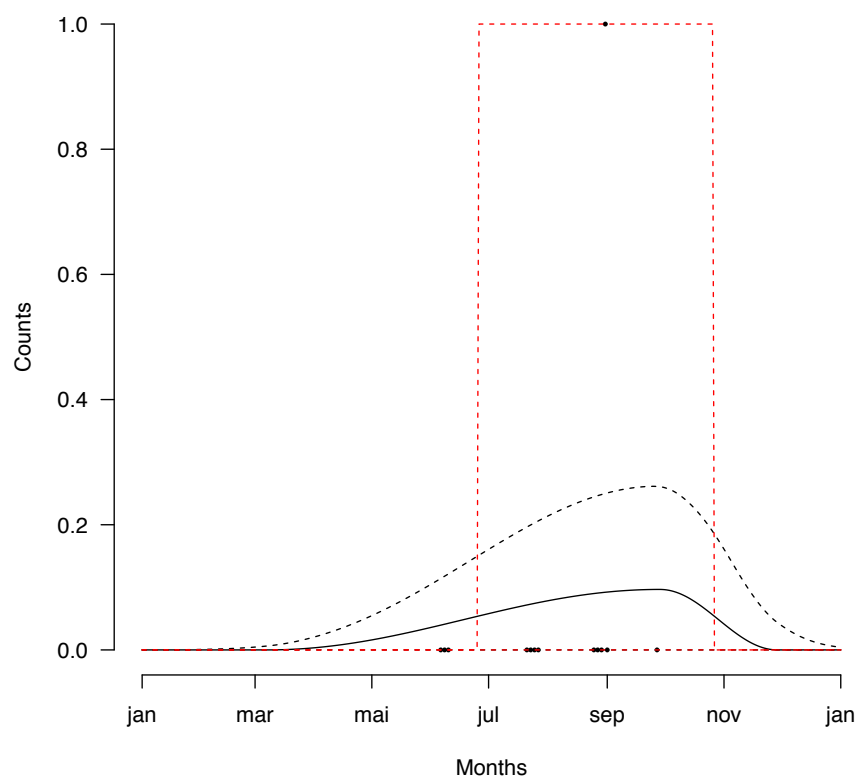
```
##
## Number of timeseries: 1
## -----
## 7#anse feuillard@capesterre de marie galante-2014
## -----
## Estimation without the observed data
## Total number of counts: 20.4319 ; SD 14.6103
## Estimation taking into account the observed data
## Total number of counts: 20.2613 ; SD 13.7794
## 95% confidence interval: 1 - 47.82
```

7#feuillere@capesterre de marie galante-2008



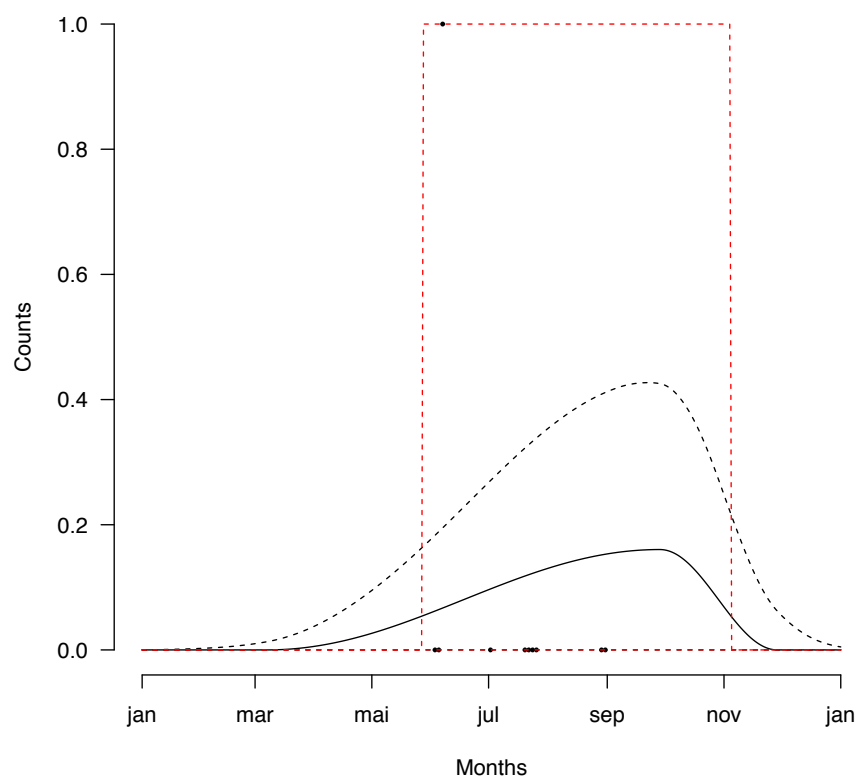
```
##
## Number of timeseries: 1
## -----
## 7#feuillere@capesterre de marie galante-2008
## -----
## Estimation without the observed data
## Total number of counts: 21.6428 ; SD 15.5223
## Estimation taking into account the observed data
## Total number of counts: 21.4374 ; SD 14.658
## 95% confidence interval: 1 - 50.7534
```

7#feuillere@capesterre de marie galante-2010



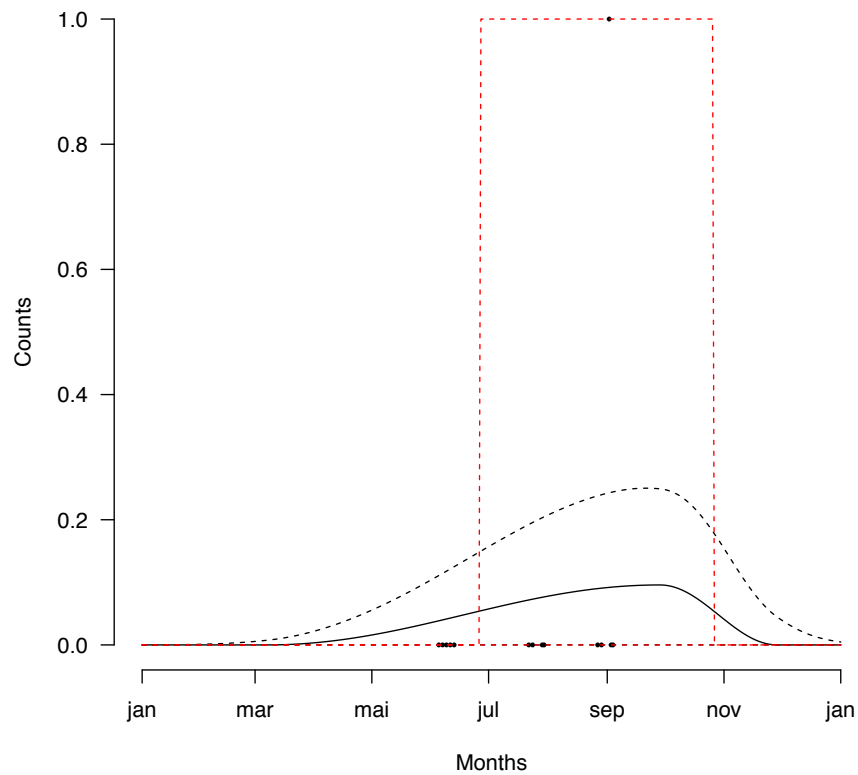
```
##
## Number of timeseries: 1
## -----
## 7#feuillere@capesterre de marie galante-2010
## -----
## Estimation without the observed data
## Total number of counts: 15.923 ; SD 11.3579
## Estimation taking into account the observed data
## Total number of counts: 15.7427 ; SD 10.5389
## 95% confidence interval: 1 - 36.8205
```

7#feuillere@capesterre de marie galante-2011



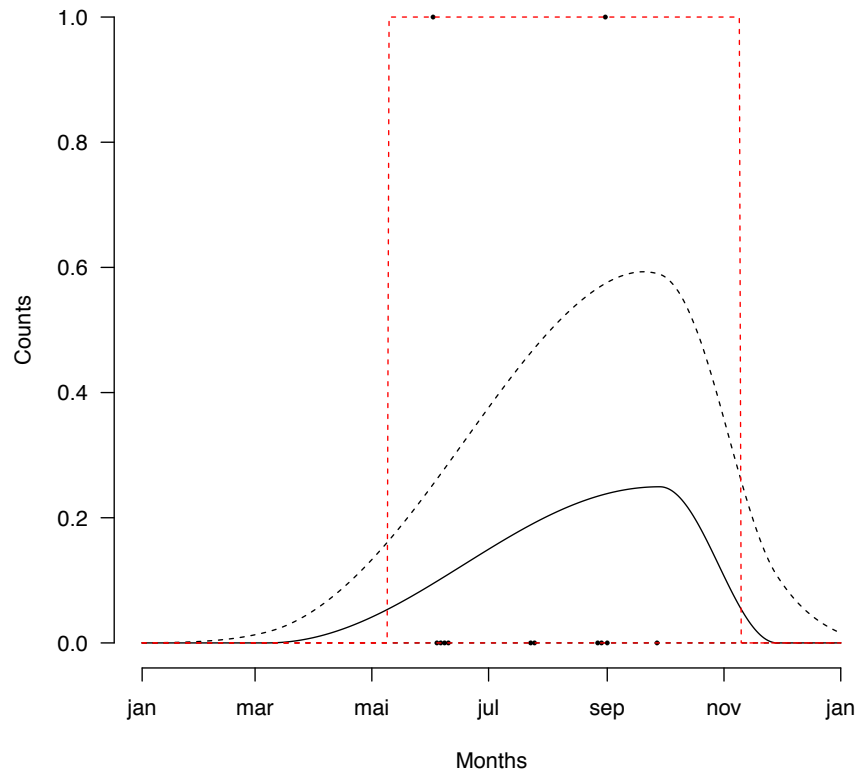
```
##
## Number of timeseries: 1
## -----
## 7#feuillere@capesterre de marie galante-2011
## -----
## Estimation without the observed data
## Total number of counts: 25.9732 ; SD 18.3564
## Estimation taking into account the observed data
## Total number of counts: 25.6705 ; SD 17.4421
## 95% confidence interval: 1 - 60.5547
```

7#feuillere@capesterre de marie galante-2013



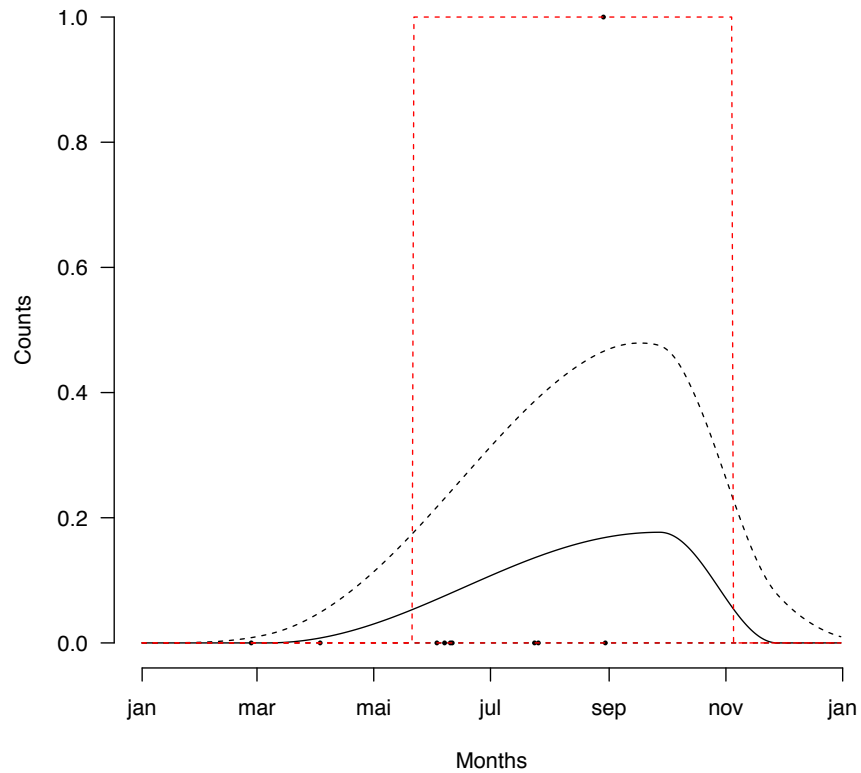
```
##
## Number of timeseries: 1
## -----
## 7#feuillere@capesterre de marie galante-2013
## -----
## Estimation without the observed data
## Total number of counts: 15.2616 ; SD 10.7844
## Estimation taking into account the observed data
## Total number of counts: 15.1244 ; SD 10.0001
## 95% confidence interval: 1 - 35.1246
```


7#petite anse@capesterre de marie galante-2010



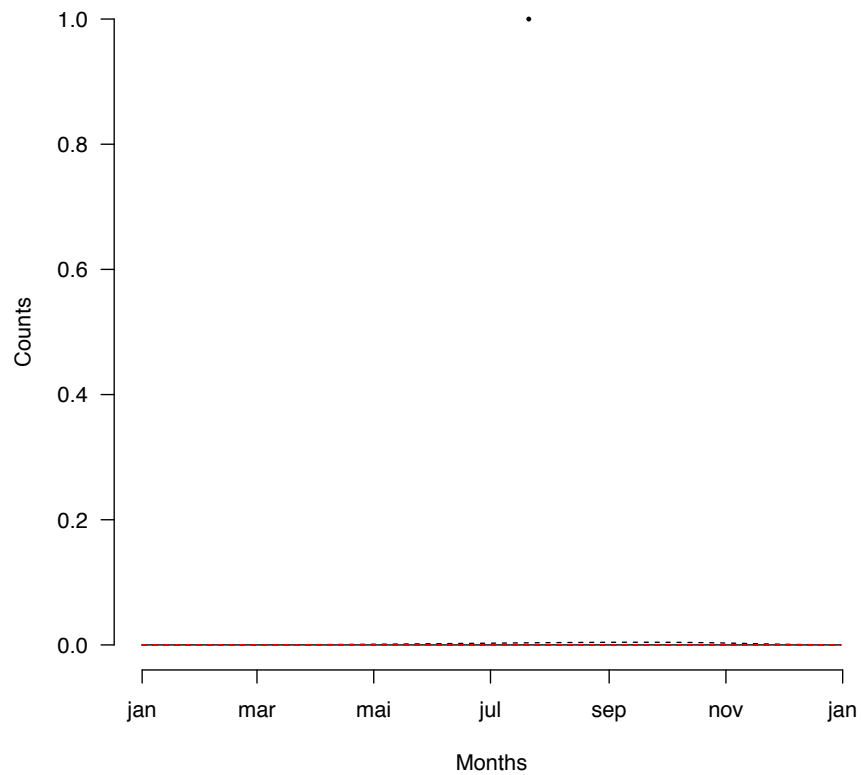
```
##
## Number of timeseries: 1
## -----
## 7#petite anse@capesterre de marie galante-2010
## -----
## Estimation without the observed data
## Total number of counts: 36.5603 ; SD 24.2938
## Estimation taking into account the observed data
## Total number of counts: 36.2998 ; SD 22.8238
## 95% confidence interval: 2 - 81.9474
```

7#vieux fort@saint louis-2008



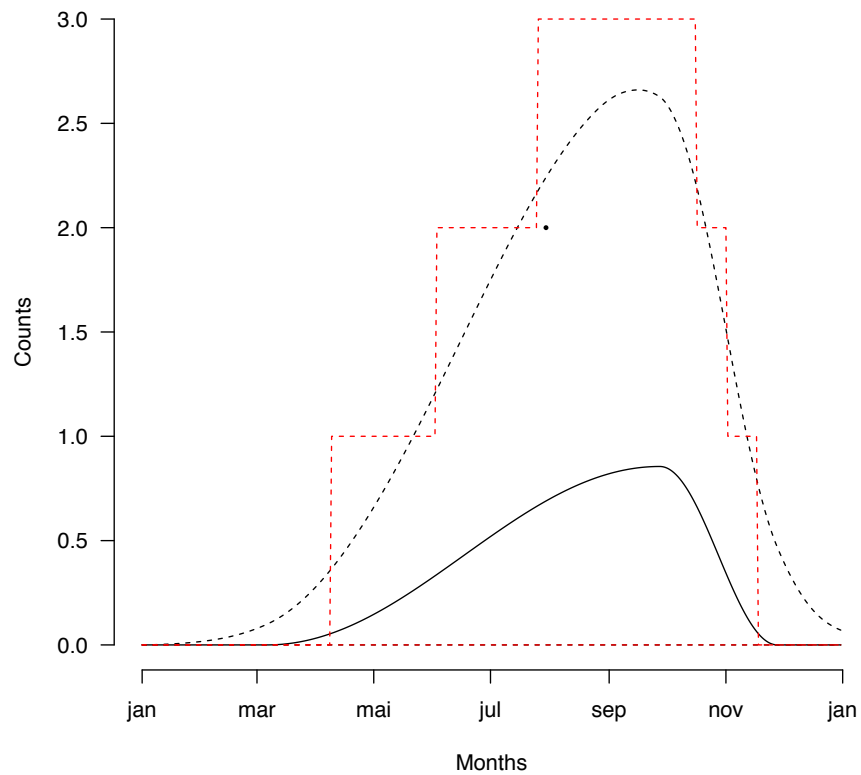
```
##
## Number of timeseries: 1
## -----
## 7#vieux fort@saint louis-2008
## -----
## Estimation without the observed data
## Total number of counts: 29.5072 ; SD 21.0733
## Estimation taking into account the observed data
## Total number of counts: 29.3473 ; SD 20.23
## 95% confidence interval: 1 - 69.8074
```

8#anse figuier@les saintes (tdh)-2004



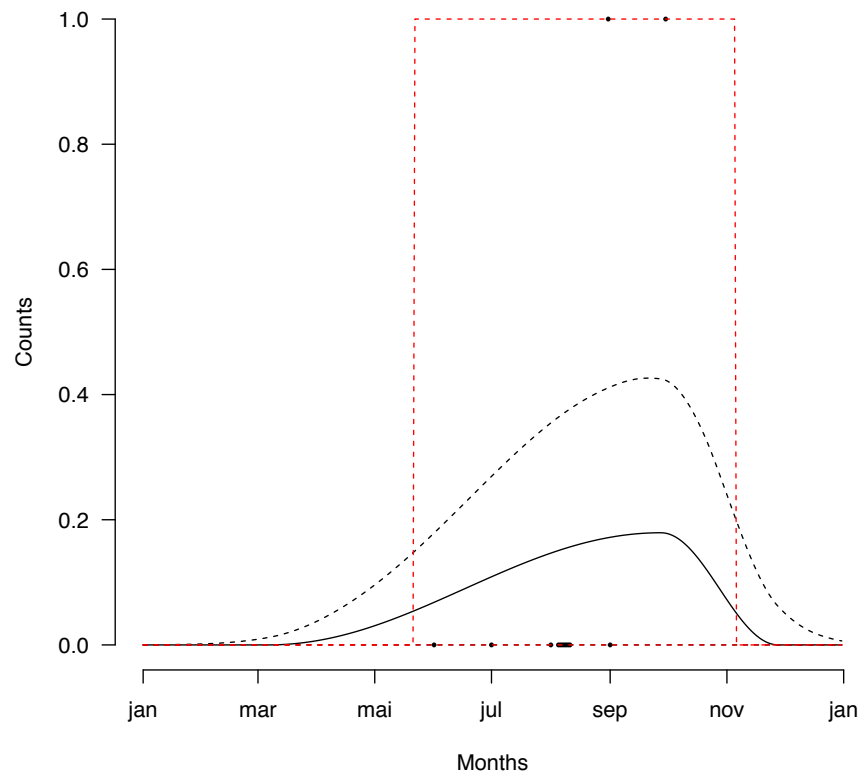
```
##
## Number of timeseries: 1
## -----
## 8#anse figuier@les saintes (tdh)-2004
## -----
## Estimation without the observed data
## Total number of counts: 0.4031 ; SD 0.3014
## Estimation taking into account the observed data
## Total number of counts: 1.4009 ; SD 0.2998
## 95% confidence interval: 1 - 2.0005
```

8#anse figuier@les saintes (tdh)-2008



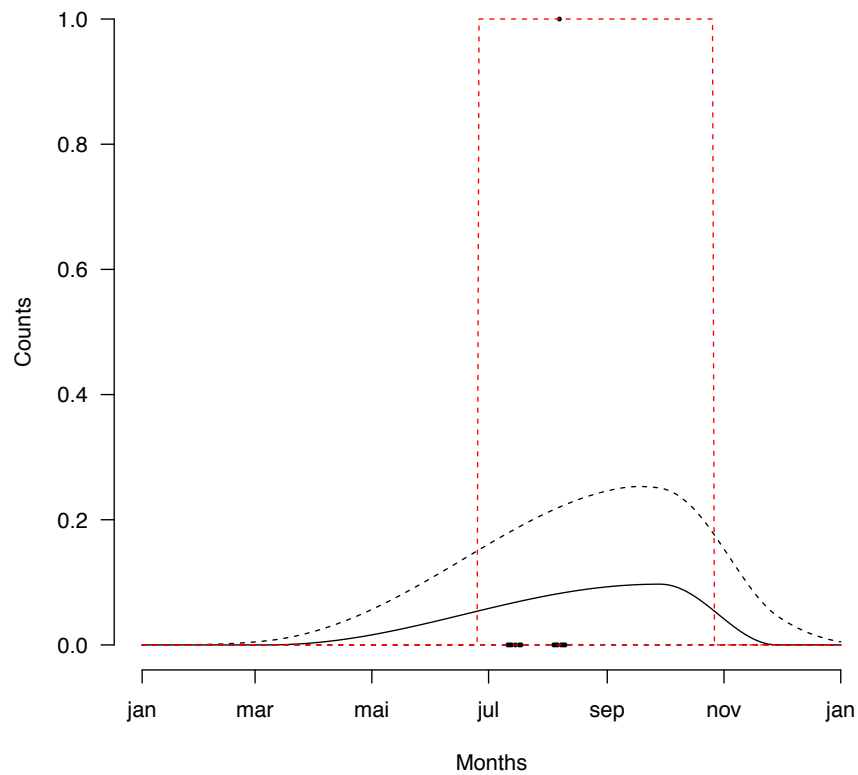
```
##
## Number of timeseries: 1
## -----
## 8#anse figuier@les saintes (tdh)-2008
## -----
## Estimation without the observed data
## Total number of counts: 170.7215 ; SD 126.9118
## Estimation taking into account the observed data
## Total number of counts: 171.6929 ; SD 126.1525
## 95% confidence interval: 2 - 423.9979
```

8#anse figuier@les saintes (tdh)-2012



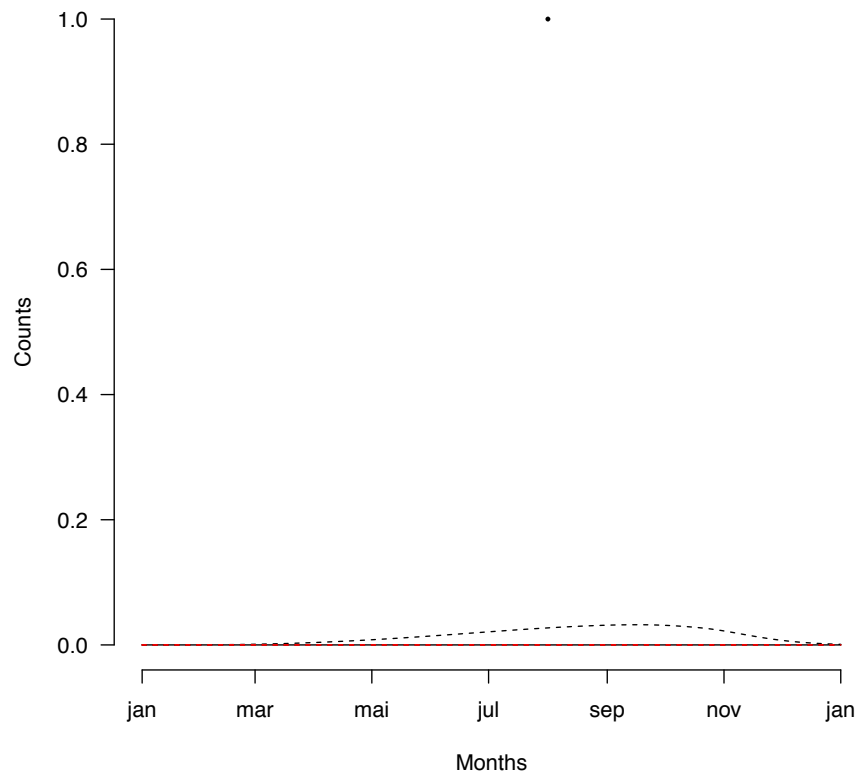
```
##
## Number of timeseries: 1
## -----
## 8#anse figuier@les saintes (tdh)-2012
## -----
## Estimation without the observed data
## Total number of counts: 26.3336 ; SD 16.8048
## Estimation taking into account the observed data
## Total number of counts: 26.2471 ; SD 15.4865
## 95% confidence interval: 2 - 57.2201
```

8#anse figuier@les saintes (tdh)-2013



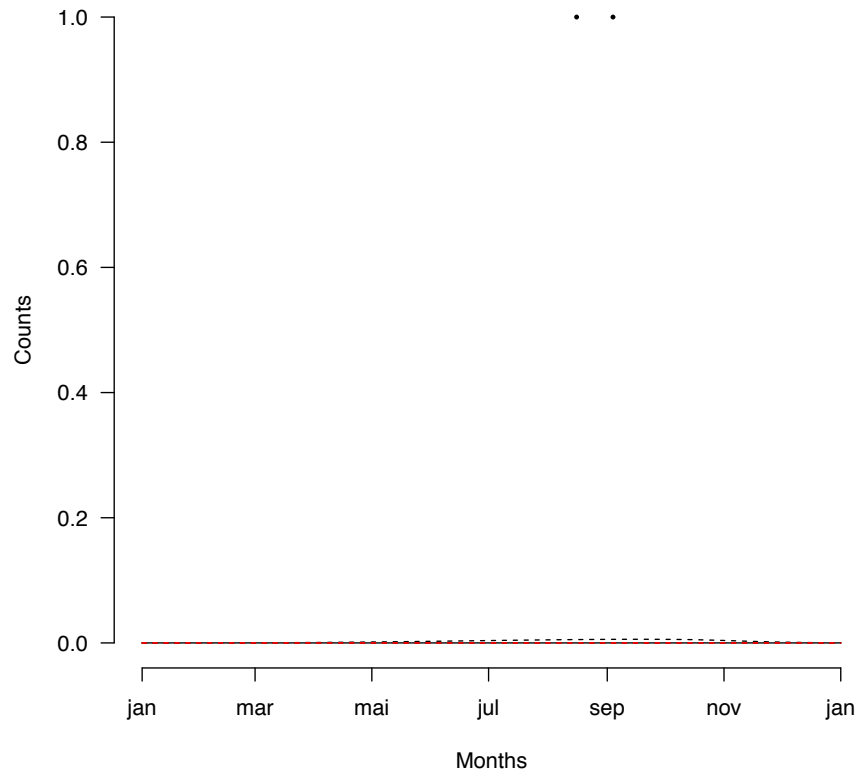
```
##
## Number of timeseries: 1
## -----
## 8#anse figuier@les saintes (tdh)-2013
## -----
## Estimation without the observed data
## Total number of counts: 15.9606 ; SD 10.8575
## Estimation taking into account the observed data
## Total number of counts: 15.7638 ; SD 10.0515
## 95% confidence interval: 1 - 35.8668
```

8#anse figuier@les saintes (tdh)-2014



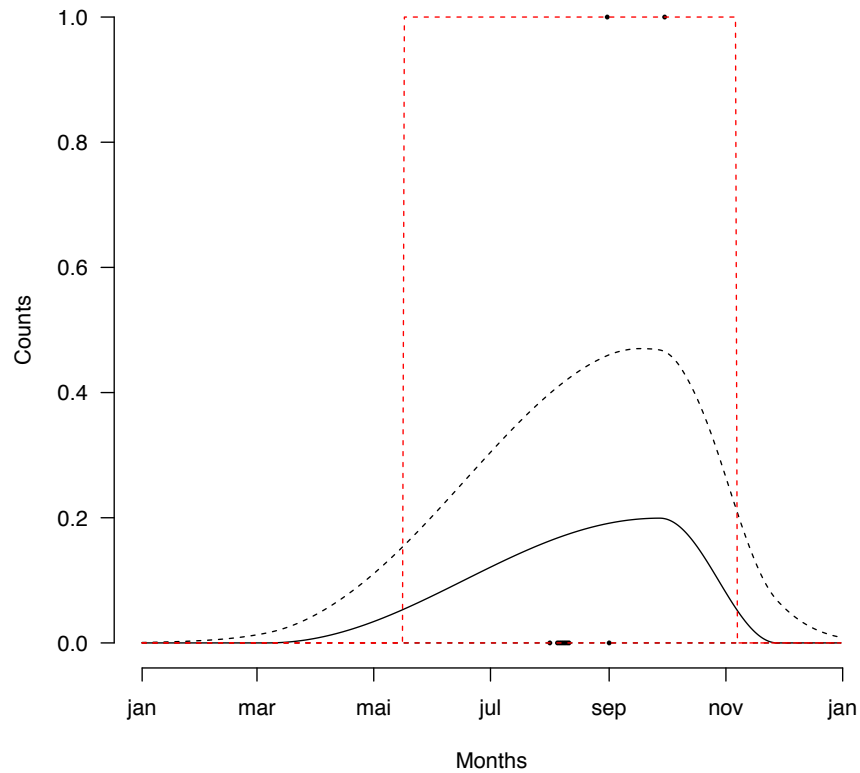
```
##
## Number of timeseries: 1
## -----
## 8#anse figuier@les saintes (tdh)-2014
## -----
## Estimation without the observed data
## Total number of counts: 3.022 ; SD 2.2188
## Estimation taking into account the observed data
## Total number of counts: 4.0037 ; SD 2.2055
## 95% confidence interval: 1 - 8.4147
```

8#anse rodrigue@les saintes (tdh)-2007



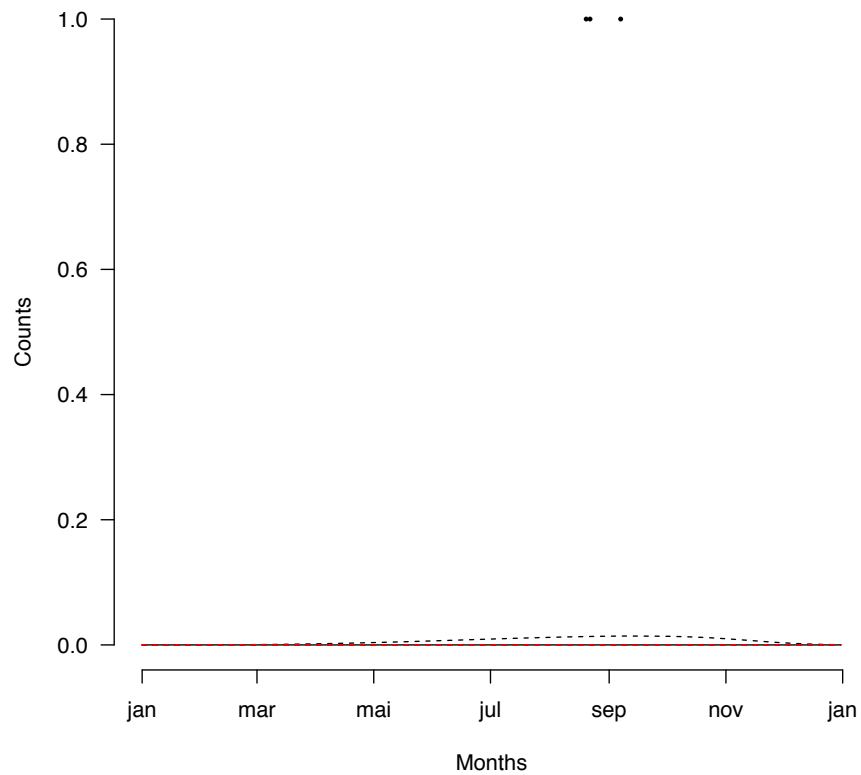
```
##
## Number of timeseries: 1
## -----
## 8#anse rodrigue@les saintes (tdh)-2007
## -----
## Estimation without the observed data
## Total number of counts: 0.5067 ; SD 0.405
## Estimation taking into account the observed data
## Total number of counts: 2.4998 ; SD 0.3996
## 95% confidence interval: 2 - 3.2989
```


8#anse rodrigue@les saintes (tdh)-2012



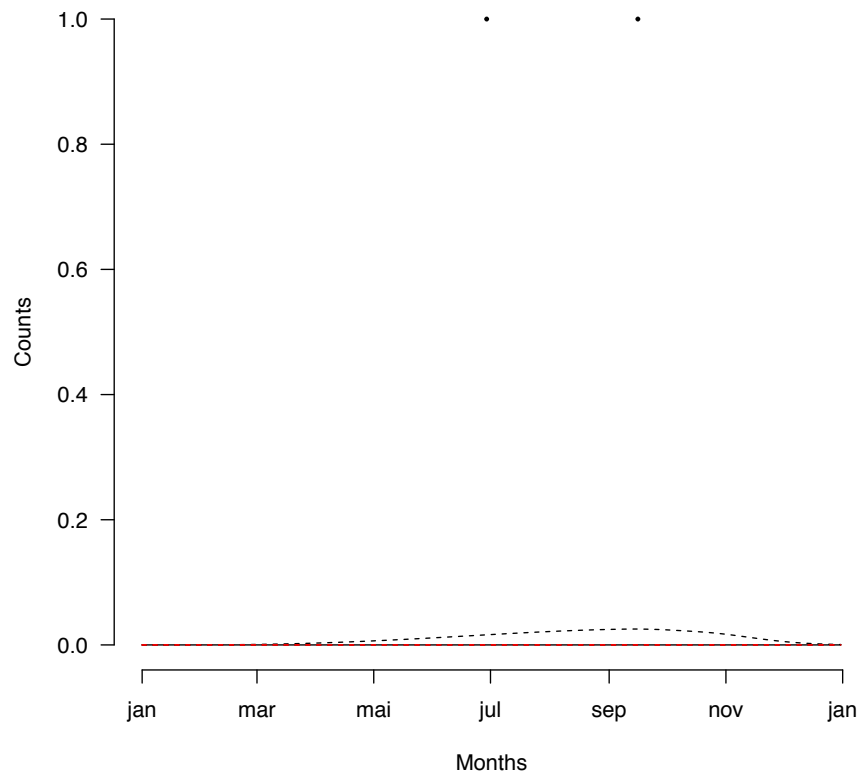
```
##
## Number of timeseries: 1
## -----
## 8#anse rodrigue@les saintes (tdh)-2012
## -----
## Estimation without the observed data
## Total number of counts: 29.0141 ; SD 18.8625
## Estimation taking into account the observed data
## Total number of counts: 28.928 ; SD 17.5214
## 95% confidence interval: 2 - 63.9709
```

8#baie de pompierre@les saintes (tdh)-2000



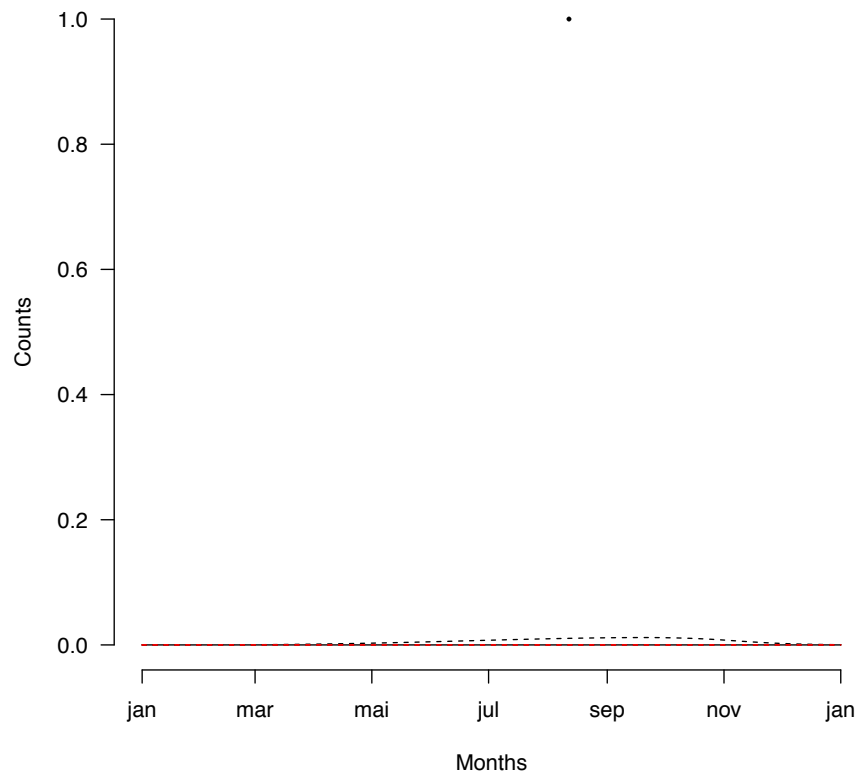
```
##
## Number of timeseries: 1
## -----
## 8#baie de pompierre@les saintes (tdh)-2000
## -----
## Estimation without the observed data
## Total number of counts: 1.2773 ; SD 0.9974
## Estimation taking into account the observed data
## Total number of counts: 4.2508 ; SD 0.9772
## 95% confidence interval: 3 - 6.2051
```

8#baie de pompierre@les saintes (tdh)-2004



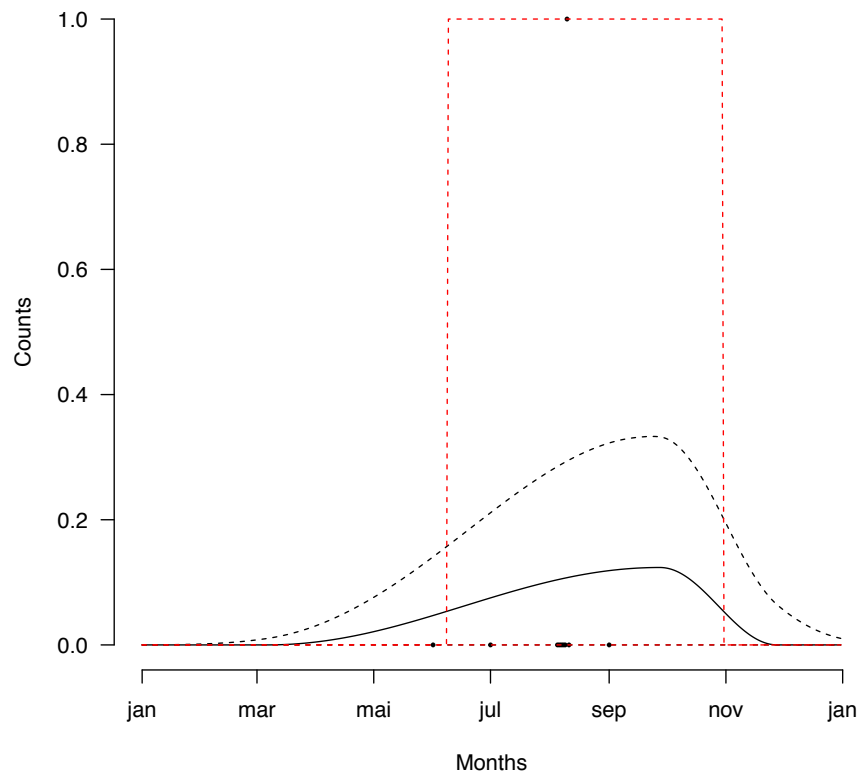
```
##
## Number of timeseries: 1
## -----
## 8#baie de pompierre@les saintes (tdh)-2004
## -----
## Estimation without the observed data
## Total number of counts: 2.2285 ; SD 1.7445
## Estimation taking into account the observed data
## Total number of counts: 4.2024 ; SD 1.7243
## 95% confidence interval: 2 - 7.651
```

8#baie de pompierre@les saintes (tdh)-2007



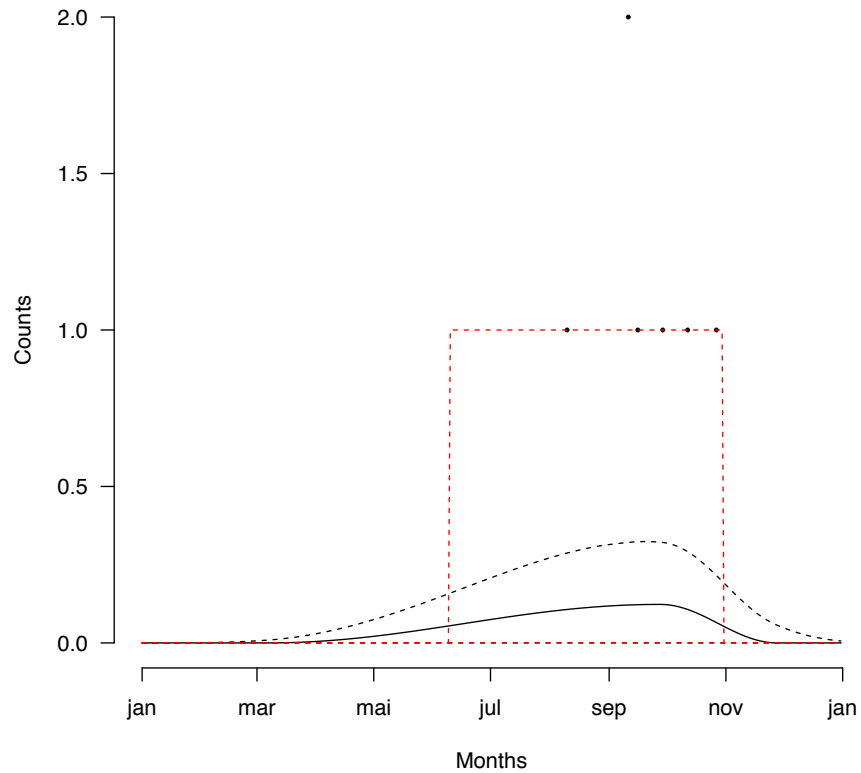
```
##
## Number of timeseries: 1
## -----
## 8#baie de pompierre@les saintes (tdh)-2007
## -----
## Estimation without the observed data
## Total number of counts: 1.0307 ; SD 0.8128
## Estimation taking into account the observed data
## Total number of counts: 2.024 ; SD 0.8077
## 95% confidence interval: 1 - 3.6393
```

8#baie de pompierre@les saintes (tdh)-2012



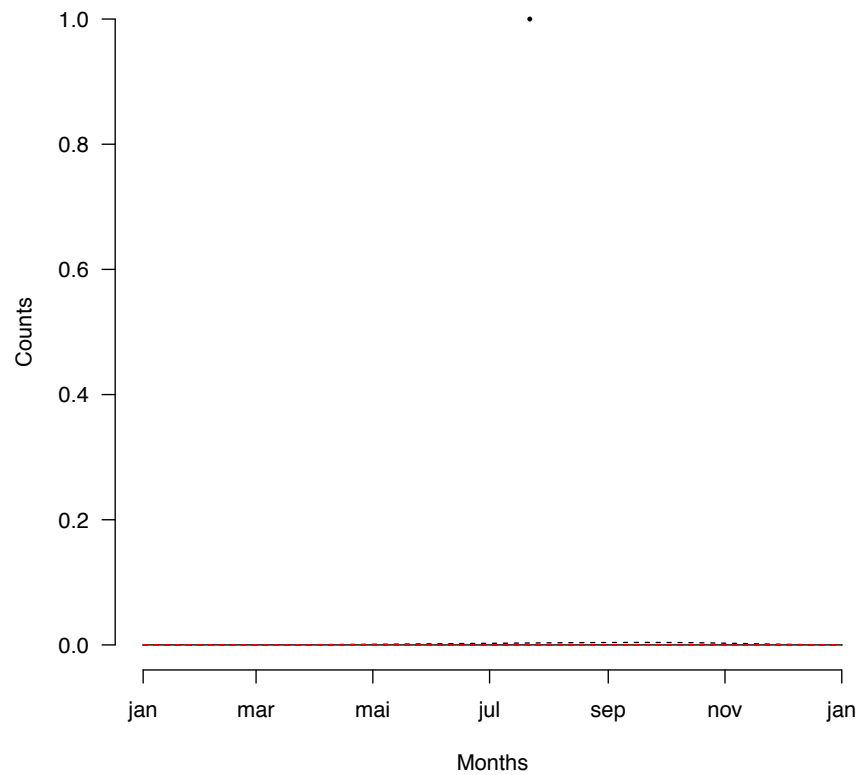
```
##
## Number of timeseries: 1
## -----
## 8#baie de pompierre@les saintes (tdh)-2012
## -----
## Estimation without the observed data
## Total number of counts: 20.2526 ; SD 14.637
## Estimation taking into account the observed data
## Total number of counts: 20.0629 ; SD 13.7991
## 95% confidence interval: 1 - 47.6611
```

8#grande anse@les saintes (tdh)-2004



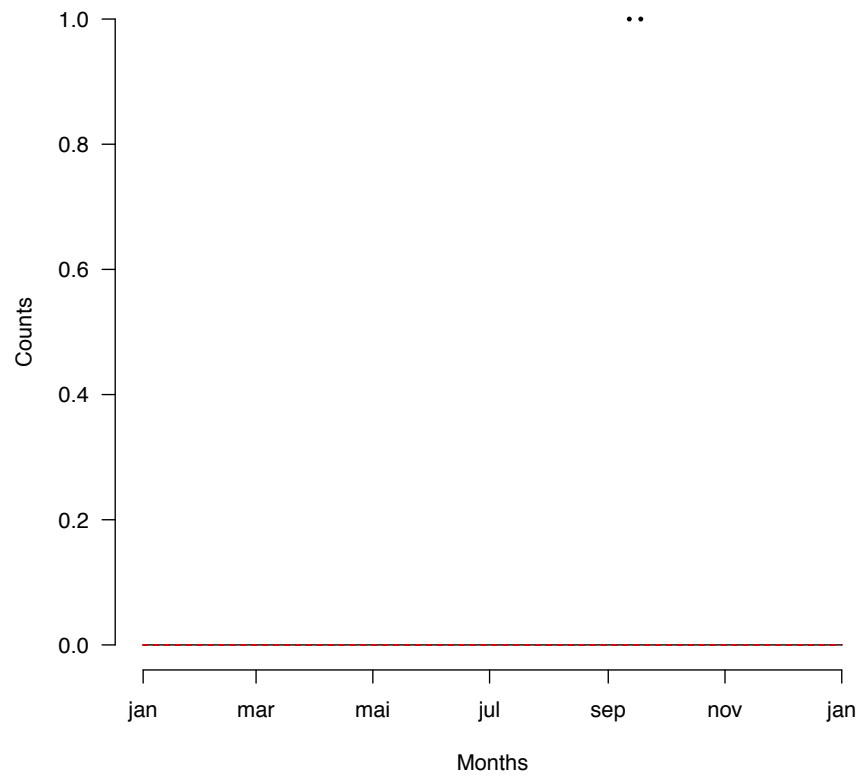
```
##
## Number of timeseries: 1
## -----
## 8#grande anse@les saintes (tdh)-2004
## -----
## Estimation without the observed data
## Total number of counts: 20.0453 ; SD 14.023
## Estimation taking into account the observed data
## Total number of counts: 26.2922 ; SD 13.5095
## 95% confidence interval: 7 - 53.3112
```

8#grande anse@les saintes (tdh)-2005



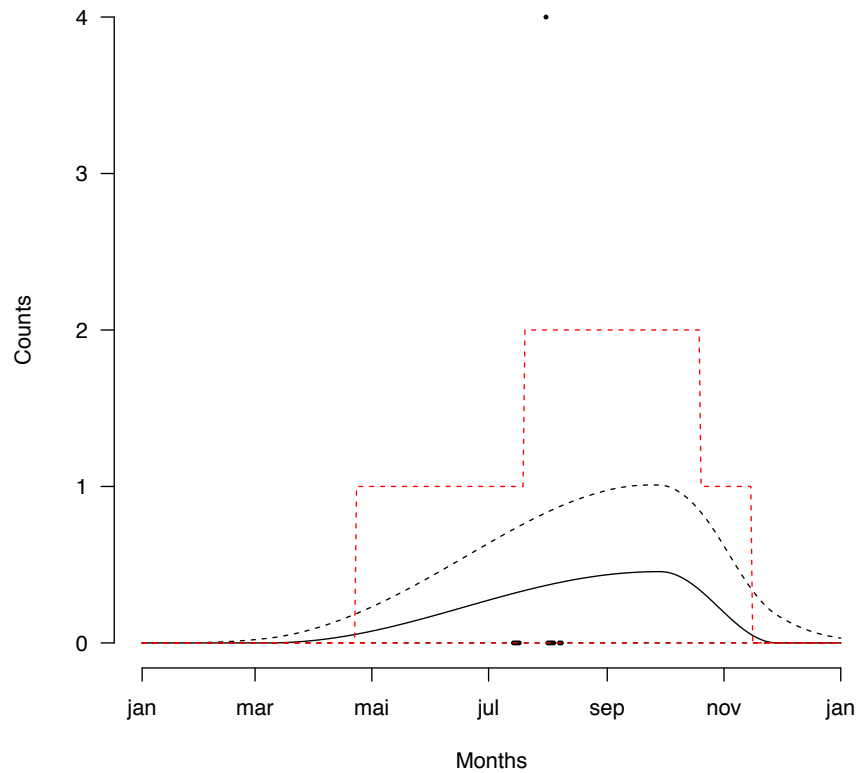
```
##
## Number of timeseries: 1
## -----
## 8#grande anse@les saintes (tdh)-2005
## -----
## Estimation without the observed data
## Total number of counts: 0.3769 ; SD 0.2734
## Estimation taking into account the observed data
## Total number of counts: 1.3748 ; SD 0.2719
## 95% confidence interval: 1 - 1.9186
```

8#grande anse@les saintes (tdh)-2007



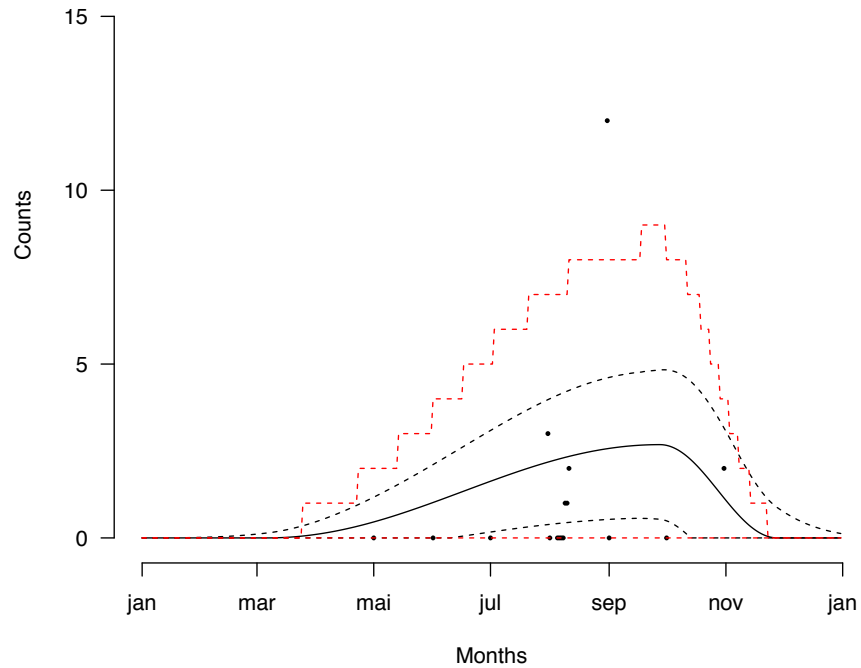
```
##
## Number of timeseries: 1
## -----
## 8#grande anse@les saintes (tdh)-2007
## -----
## Estimation without the observed data
## Total number of counts: 9.9e-08 ; SD NA
## Estimation taking into account the observed data
## Total number of counts: 2.000 ; SD NA
## 95% confidence interval: 2 - 2
```


8#grande anse@les saintes (tdh)-2010



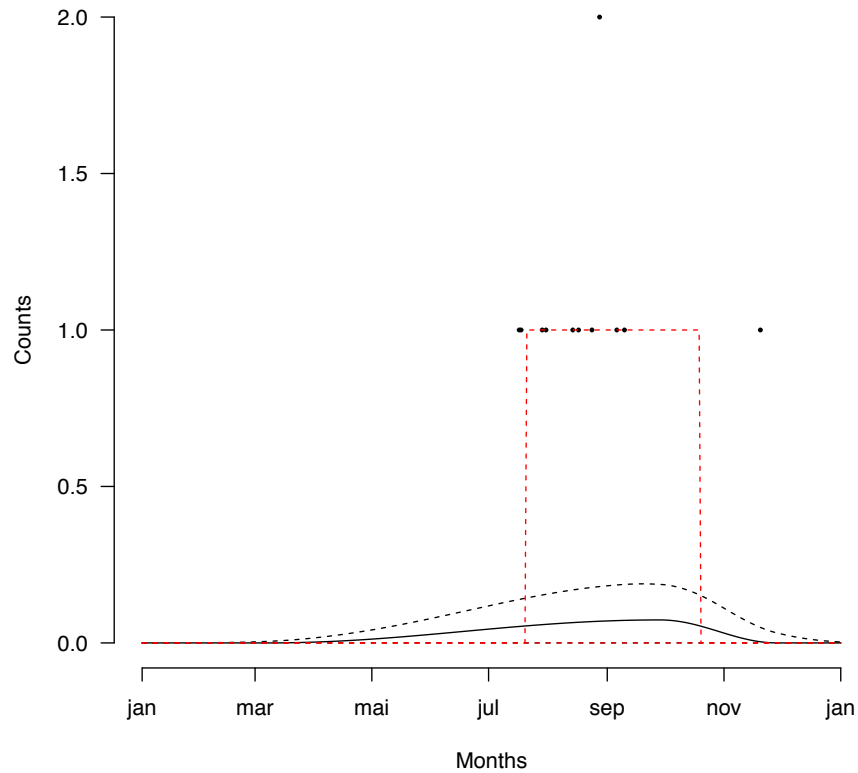
```
##
## Number of timeseries: 1
## -----
## 8#grande anse@les saintes (tdh)-2010
## -----
## Estimation without the observed data
## Total number of counts: 65.2914 ; SD 38.4977
## Estimation taking into account the observed data
## Total number of counts: 65.0941 ; SD 36.0934
## 95% confidence interval: 4 - 137.281
```

8#grande anse@les saintes (tdh)-2012



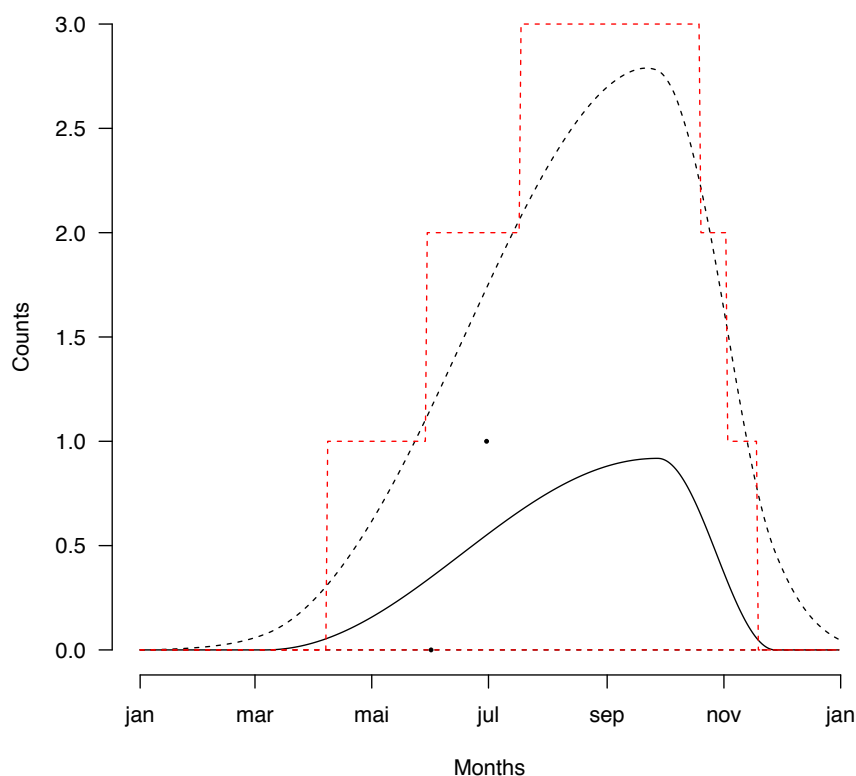
```
##
## Number of timeseries: 1
## -----
## 8#grande anse@les saintes (tdh)-2012
## -----
## Estimation without the observed data
## Total number of counts: 364.233 ; SD 147.1159
## Estimation taking into account the observed data
## Total number of counts: 368.1386 ; SD 133.4874
## 95% confidence interval: 101.1638 - 635.1133
```

8#grande anse@les saintes (tdh)-2014



```
##
## Number of timeseries: 1
## -----
## 8#grande anse@les saintes (tdh)-2014
## -----
## Estimation without the observed data
## Total number of counts: 11.8234 ; SD 7.9435
## Estimation taking into account the observed data
## Total number of counts: 23.0541 ; SD 7.4335
## 95% confidence interval: 12 - 37.9212
```

8#grand ile@les saintes (tdh)-2012



```
##
## Number of timeseries: 1
## -----
## 8#grand ile@les saintes (tdh)-2012
## -----
## Estimation without the observed data
## Total number of counts: 169.8526 ; SD 129.37
## Estimation taking into account the observed data
## Total number of counts: 169.6044 ; SD 128.4345
## 95% confidence interval: 1 - 426.4734
```

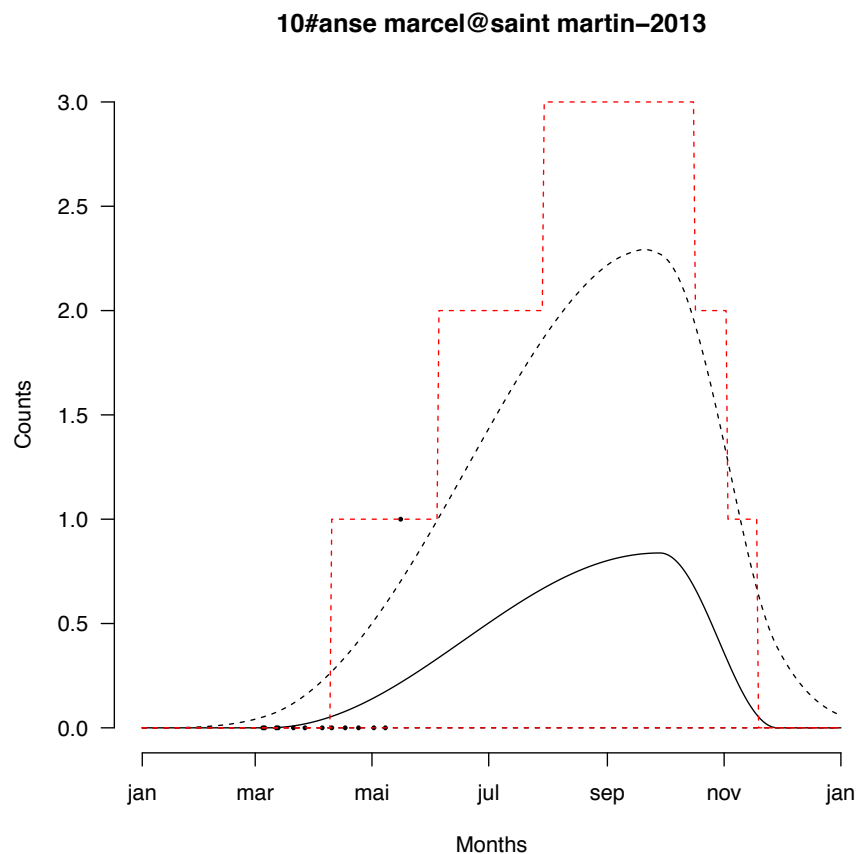
```
setwd(path)
save(out_2000_2014_Cm, file = "out_2000_2014_Cm.Rdata")
```

5.4 Analyse les séries quand aucune ponte n'a été observée

Quand aucune ponte n'a été observée sur une plage, on rajoute artificiellement une ponte sur la date monitorée la plus proche du pic, on ajuste la phénologie

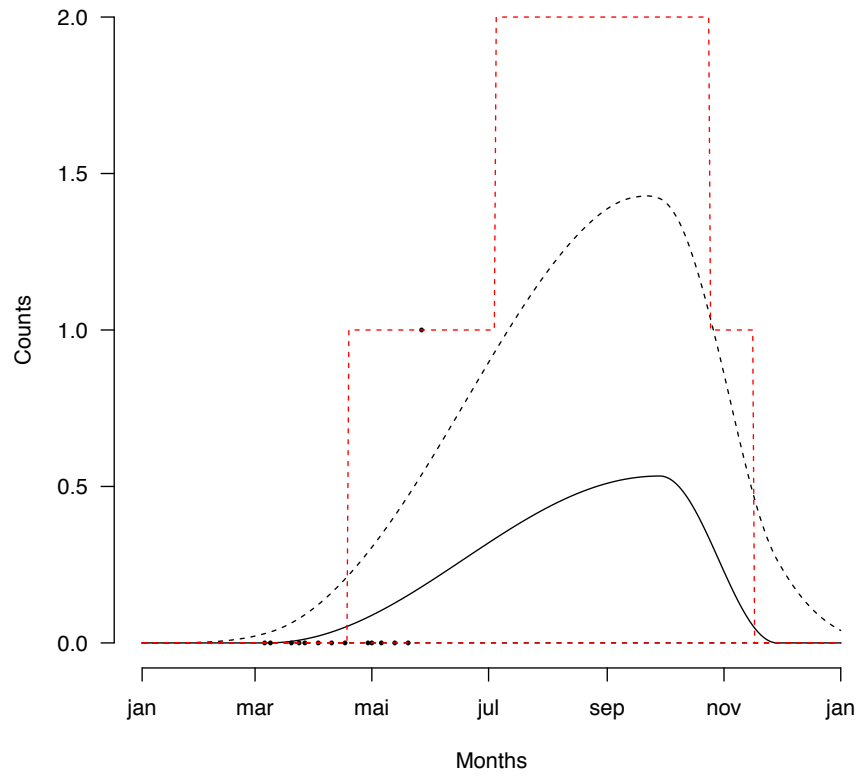
sur cette série, et on sait que la vraie valeur est inférieure au nombre théorique moins 1.

5.5 Résultats graphiques pour les plages sans aucune observation



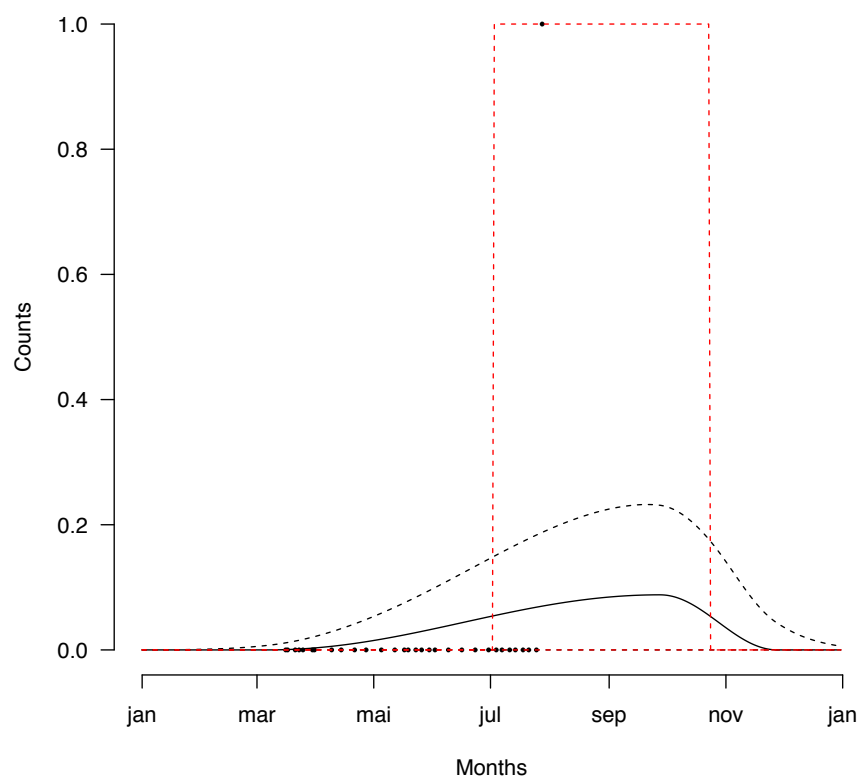
```
##
## Number of timeseries: 1
## -----
## 10#anse marcel@saint martin-2013
## -----
## Estimation without the observed data
## Total number of counts: 140.3654 ; SD 99.3858
## Estimation taking into account the observed data
## Total number of counts: 140.1559 ; SD 98.4664
## 95% confidence interval: 1 - 337.0886
```

10#baie orientale@saint martin-2013



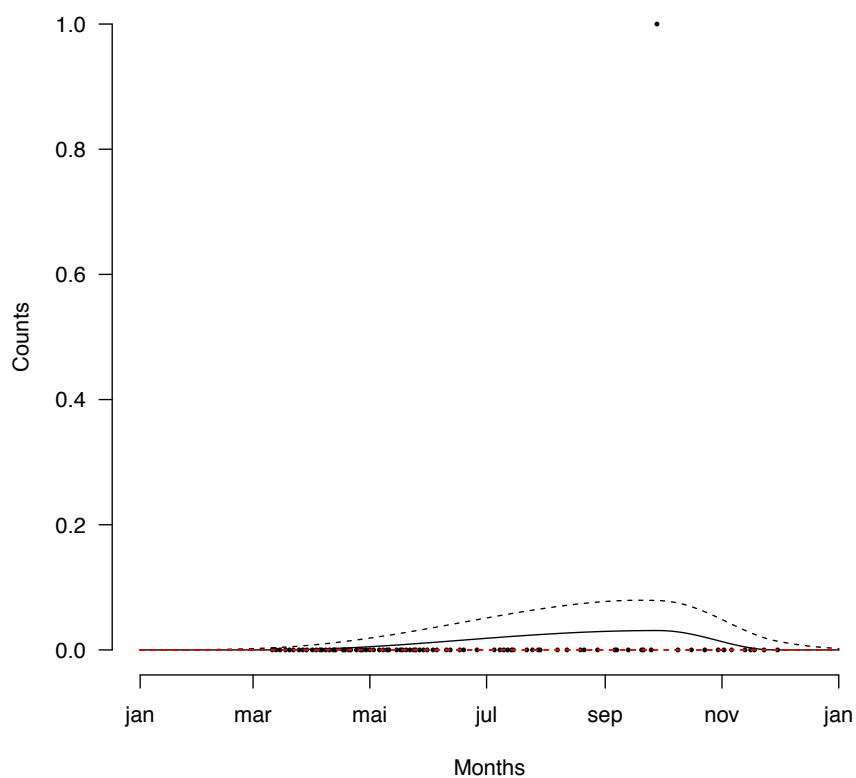
```
##
## Number of timeseries: 1
## -----
## 10#baie orientale@saint martin-2013
## -----
## Estimation without the observed data
## Total number of counts: 86.1631 ; SD 62.1542
## Estimation taking into account the observed data
## Total number of counts: 86.0253 ; SD 61.3228
## 95% confidence interval: 1 - 208.6708
```

10#baie rouge@saint martin-2012



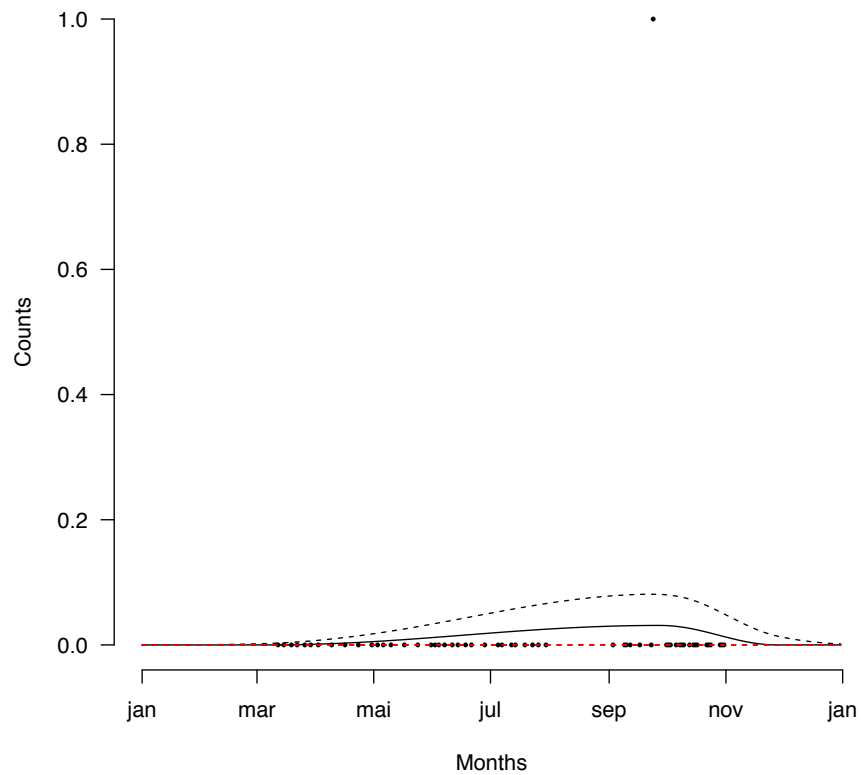
```
##
## Number of timeseries: 1
## -----
## 10#baie rouge@saint martin-2012
## -----
## Estimation without the observed data
## Total number of counts: 14.5935 ; SD 10.0069
## Estimation taking into account the observed data
## Total number of counts: 14.4204 ; SD 9.2092
## 95% confidence interval: 1 - 32.8389
```

10#baie rouge@saint martin-2014



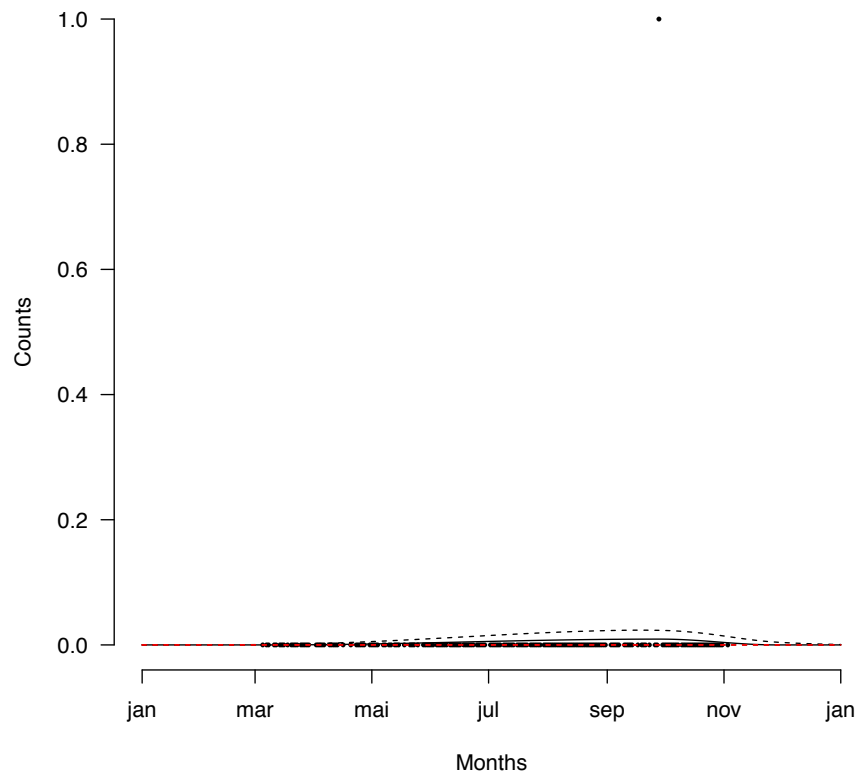
```
##
## Number of timeseries: 1
## -----
## 10#baie rouge@saint martin-2014
## -----
## Estimation without the observed data
## Total number of counts: 4.8886 ; SD 3.4794
## Estimation taking into account the observed data
## Total number of counts: 4.7164 ; SD 2.6415
## 95% confidence interval: 1 - 9.9993
```


10#coralita@saint martin-2012



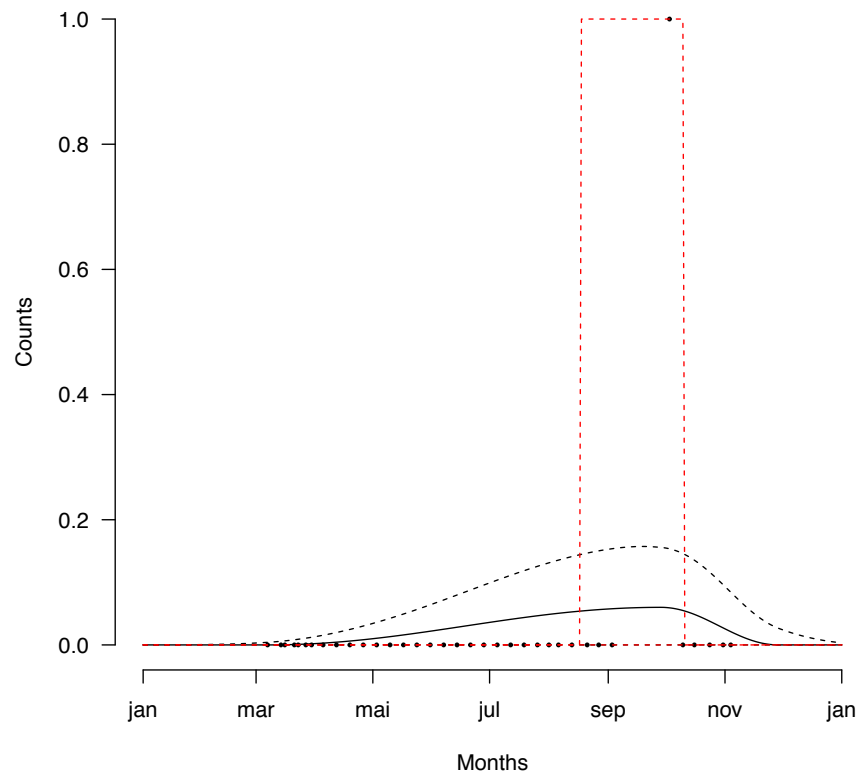
```
##
## Number of timeseries: 1
## -----
## 10#coralita@saint martin-2012
## -----
## Estimation without the observed data
## Total number of counts: 4.9323 ; SD 3.4753
## Estimation taking into account the observed data
## Total number of counts: 4.8045 ; SD 2.6781
## 95% confidence interval: 1 - 10.1607
```

10#coralita@saint martin-2013



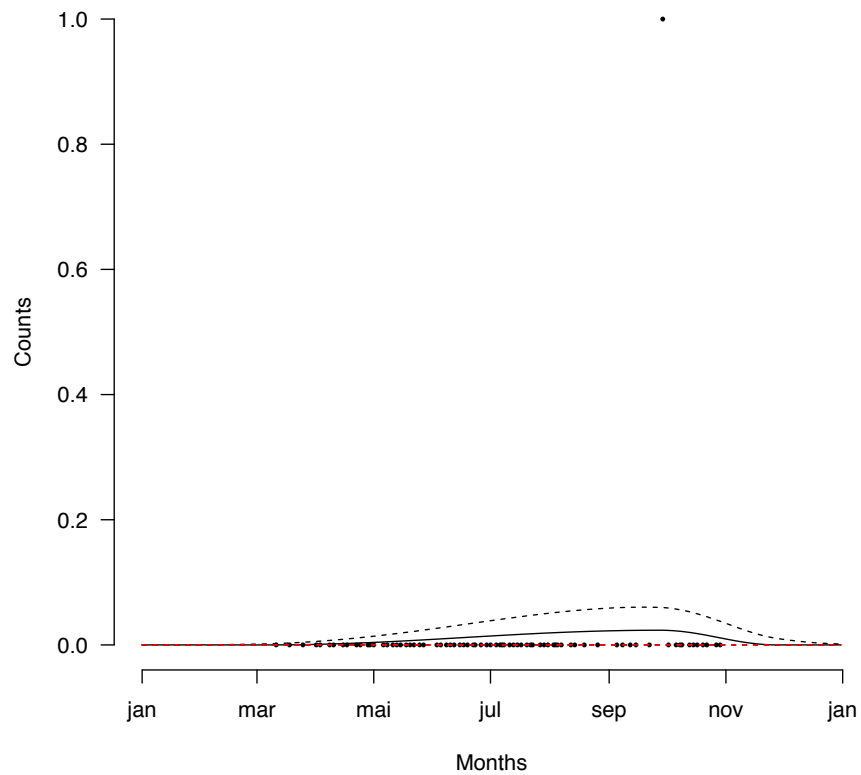
```
##
## Number of timeseries: 1
## -----
## 10#coralita@saint martin-2013
## -----
## Estimation without the observed data
## Total number of counts: 1.4652 ; SD 0.9969
## Estimation taking into account the observed data
## Total number of counts: 1.3188 ; SD 0.2362
## 95% confidence interval: 1 - 1.7912
```

10#coralita@saint martin-2014



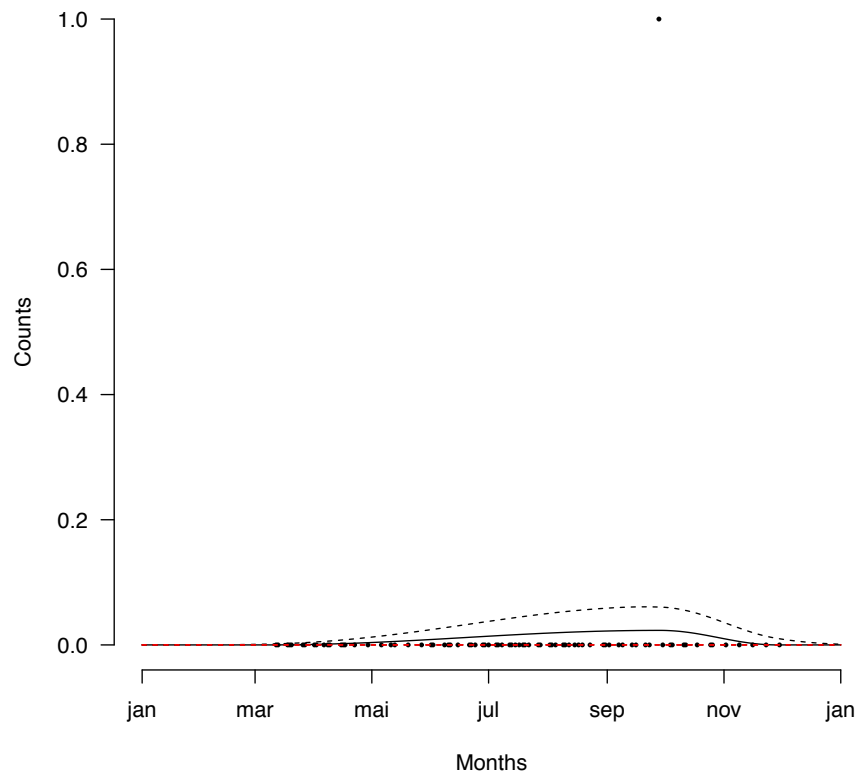
```
##
## Number of timeseries: 1
## -----
## 10#coralita@saint martin-2014
## -----
## Estimation without the observed data
## Total number of counts: 9.6234 ; SD 6.7068
## Estimation taking into account the observed data
## Total number of counts: 9.4812 ; SD 5.9099
## 95% confidence interval: 1 - 21.301
```

10#grandes cayes@saint martin-2012



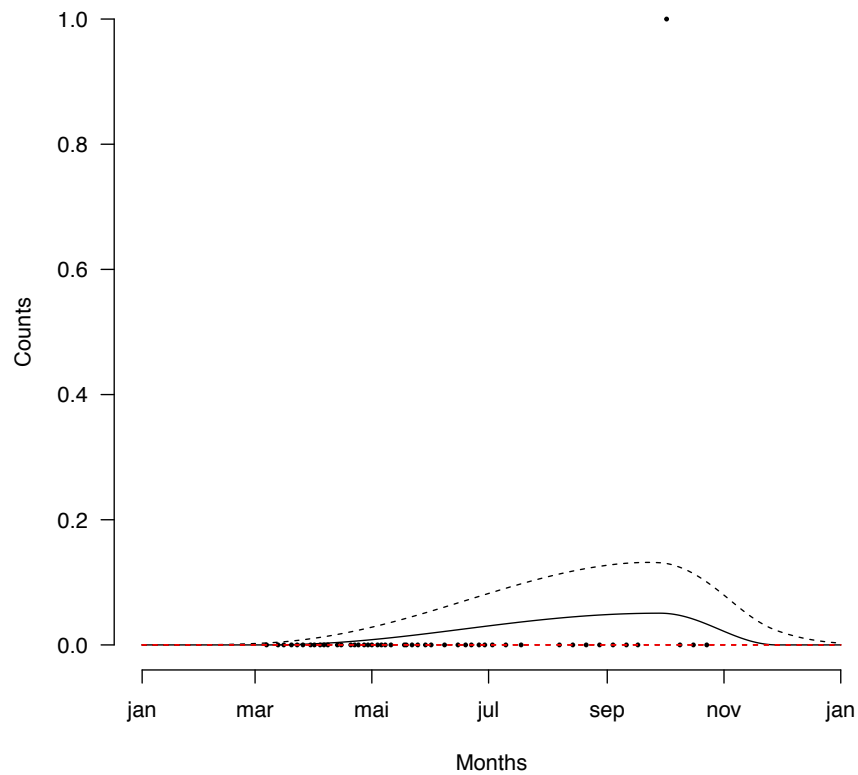
```
##
## Number of timeseries: 1
## -----
## 10#grandes cayes@saint martin-2012
## -----
## Estimation without the observed data
## Total number of counts: 3.7034 ; SD 2.5573
## Estimation taking into account the observed data
## Total number of counts: 3.5687 ; SD 1.7749
## 95% confidence interval: 1 - 7.1184
```

10#grandes cayes@saint martin-2014



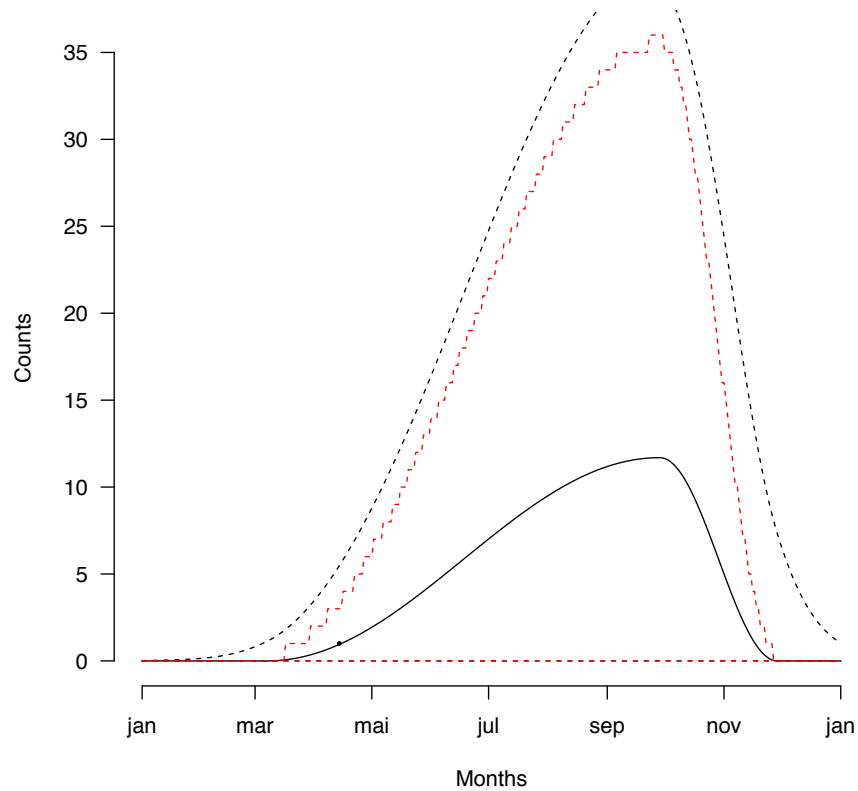
```
##
## Number of timeseries: 1
## -----
## 10#grandes cayes@saint martin-2014
## -----
## Estimation without the observed data
## Total number of counts: 3.5505 ; SD 2.5934
## Estimation taking into account the observed data
## Total number of counts: 3.435 ; SD 1.7851
## 95% confidence interval: 1 - 7.0053
```

10#happy bay@saint martin-2013



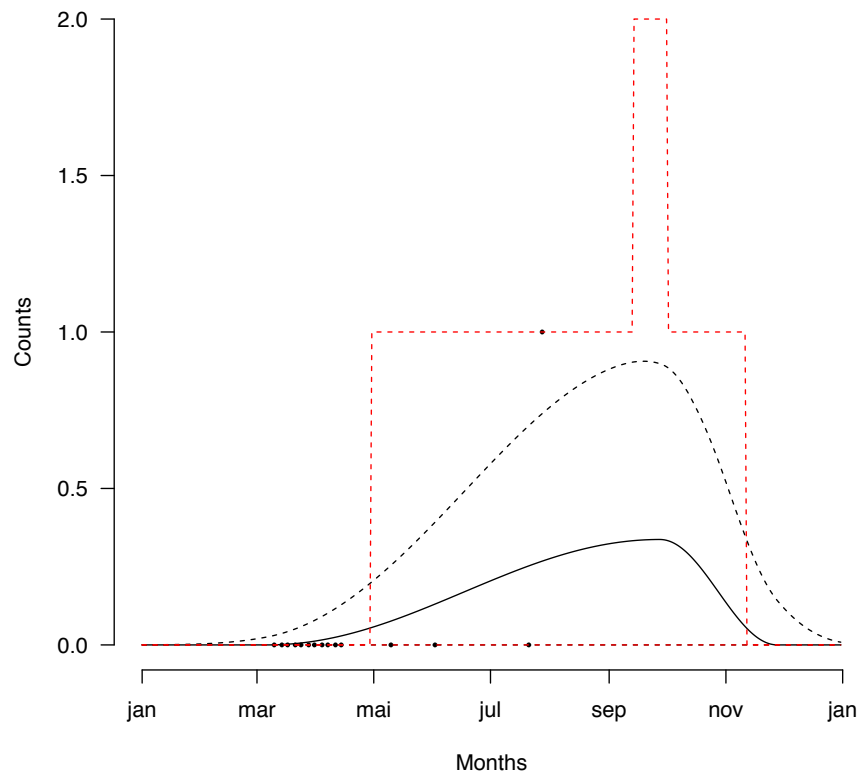
```
##
## Number of timeseries: 1
## -----
## 10#happy bay@saint martin-2013
## -----
## Estimation without the observed data
## Total number of counts: 8.0278 ; SD 5.614
## Estimation taking into account the observed data
## Total number of counts: 7.9043 ; SD 4.8284
## 95% confidence interval: 1 - 17.5611
```

10#happy bay@saint martin-2014



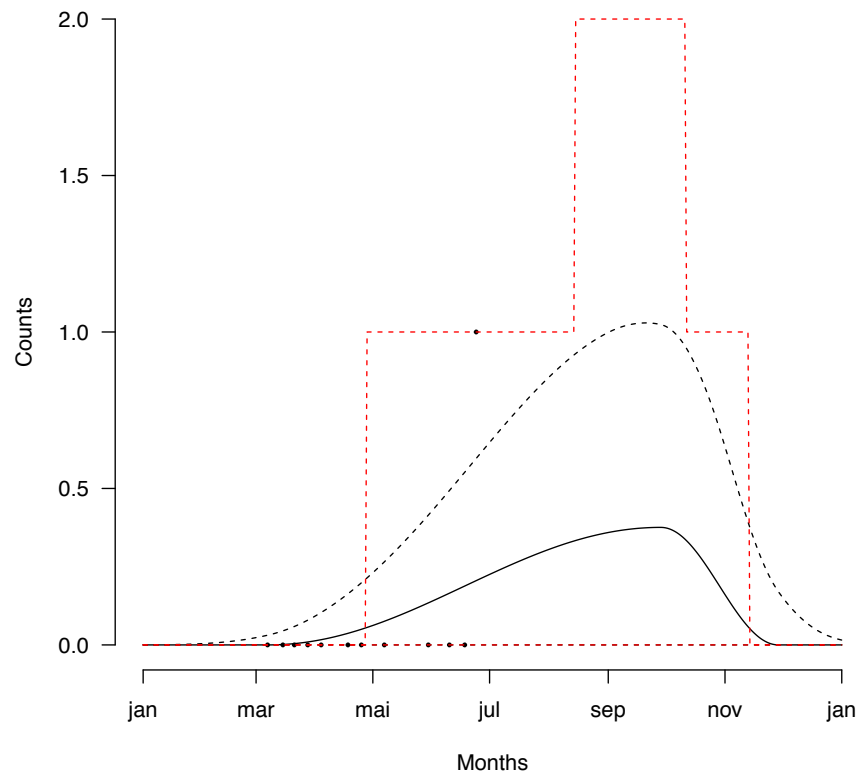
```
##
## Number of timeseries: 1
## -----
## 10#happy bay@saint martin-2014
## -----
## Estimation without the observed data
## Total number of counts: 2539.859 ; SD 1917.1571
## Estimation taking into account the observed data
## Total number of counts: 2539.0288 ; SD 1915.6693
## 95% confidence interval: 1 - 6370.3673
```

10#ilet pinel@saint martin-2012



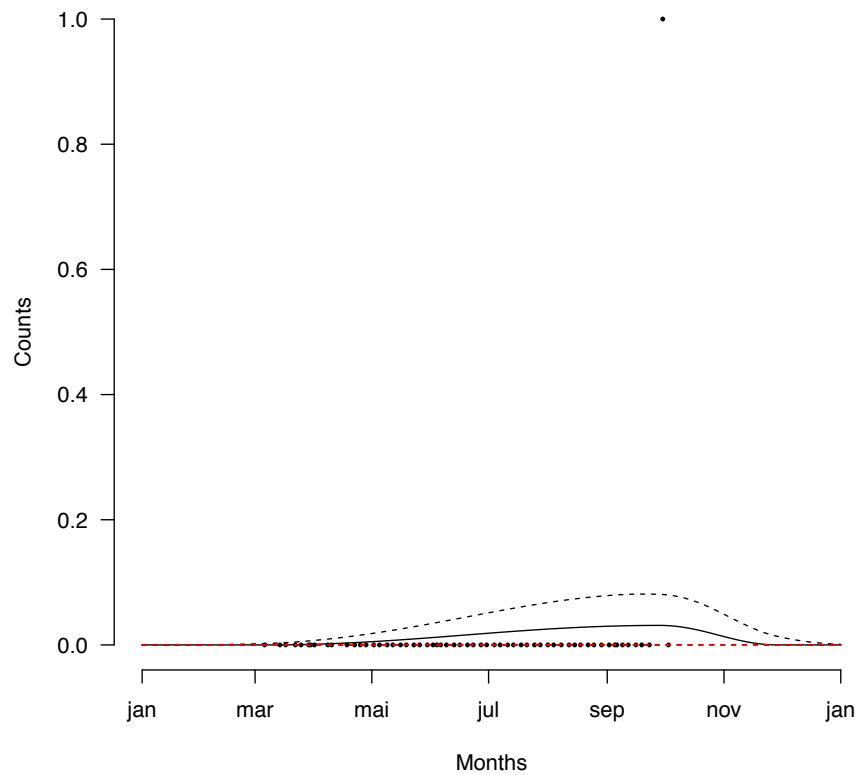
```
##
## Number of timeseries: 1
## -----
## 10#ilet pinel@saint martin-2012
## -----
## Estimation without the observed data
## Total number of counts: 55.2473 ; SD 39.5362
## Estimation taking into account the observed data
## Total number of counts: 55.1232 ; SD 38.7084
## 95% confidence interval: 1 - 132.54
```


10#ilet pinel@saint martin-2013



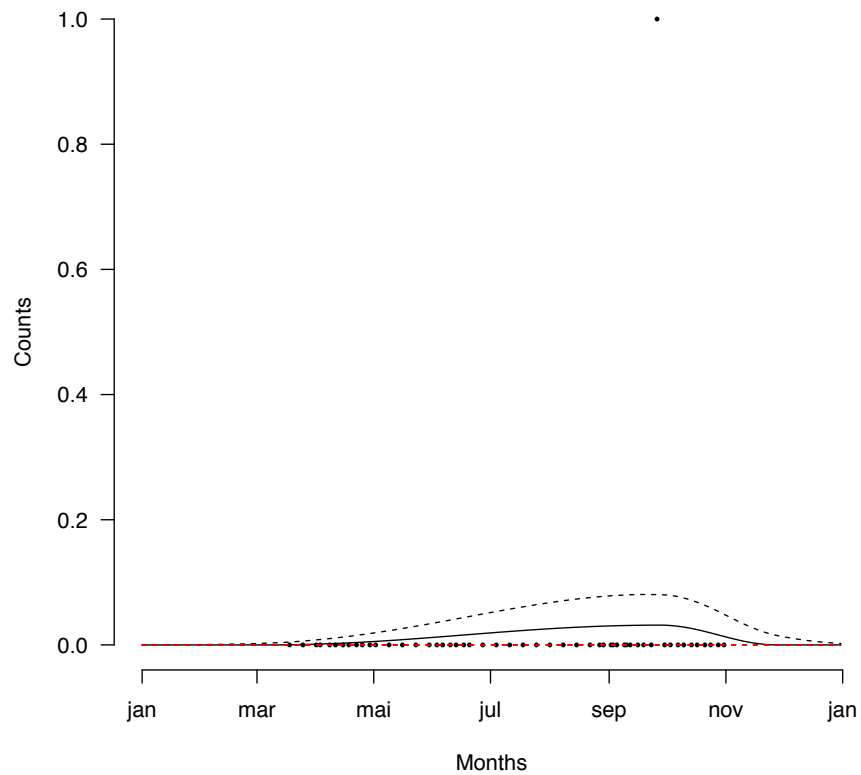
```
##
## Number of timeseries: 1
## -----
## 10#ilet pinel@saint martin-2013
## -----
## Estimation without the observed data
## Total number of counts: 63.4536 ; SD 45.6279
## Estimation taking into account the observed data
## Total number of counts: 63.288 ; SD 44.7785
## 95% confidence interval: 1 - 152.845
```

10#ilet pinel@saint martin-2014



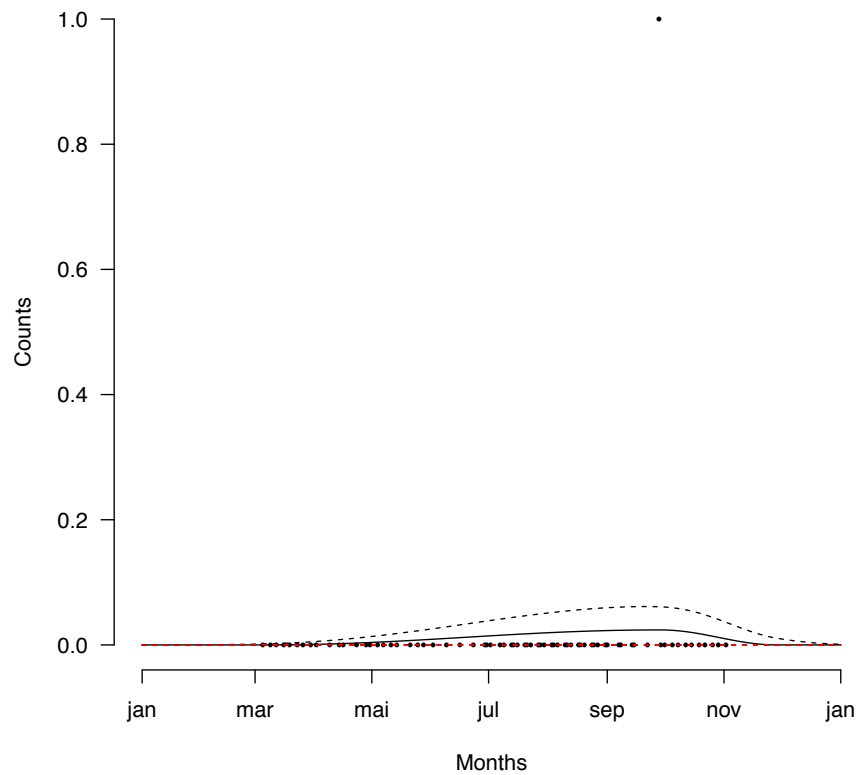
```
##
## Number of timeseries: 1
## -----
## 10#ilet pinel@saint martin-2014
## -----
## Estimation without the observed data
## Total number of counts: 5.0514 ; SD 3.5001
## Estimation taking into account the observed data
## Total number of counts: 4.8761 ; SD 2.6979
## 95% confidence interval: 1 - 10.272
```

10#le galion@saint martin-2012



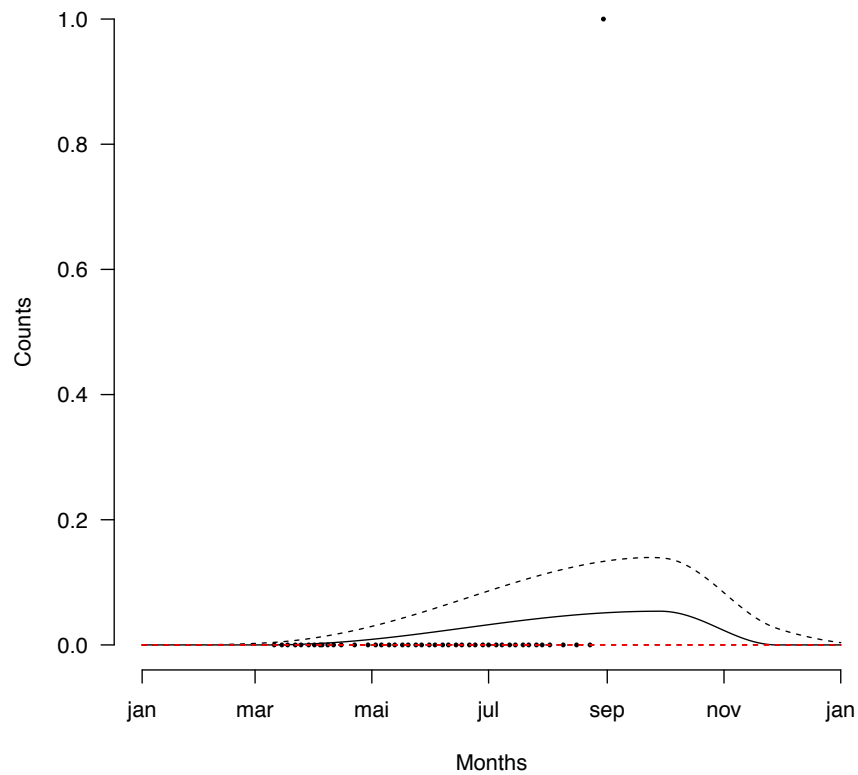
```
##
## Number of timeseries: 1
## -----
## 10#le galion@saint martin-2012
## -----
## Estimation without the observed data
## Total number of counts: 4.9608 ; SD 3.4388
## Estimation taking into account the observed data
## Total number of counts: 4.8367 ; SD 2.6672
## 95% confidence interval: 1 - 10.171
```

10#le galion@saint martin-2013



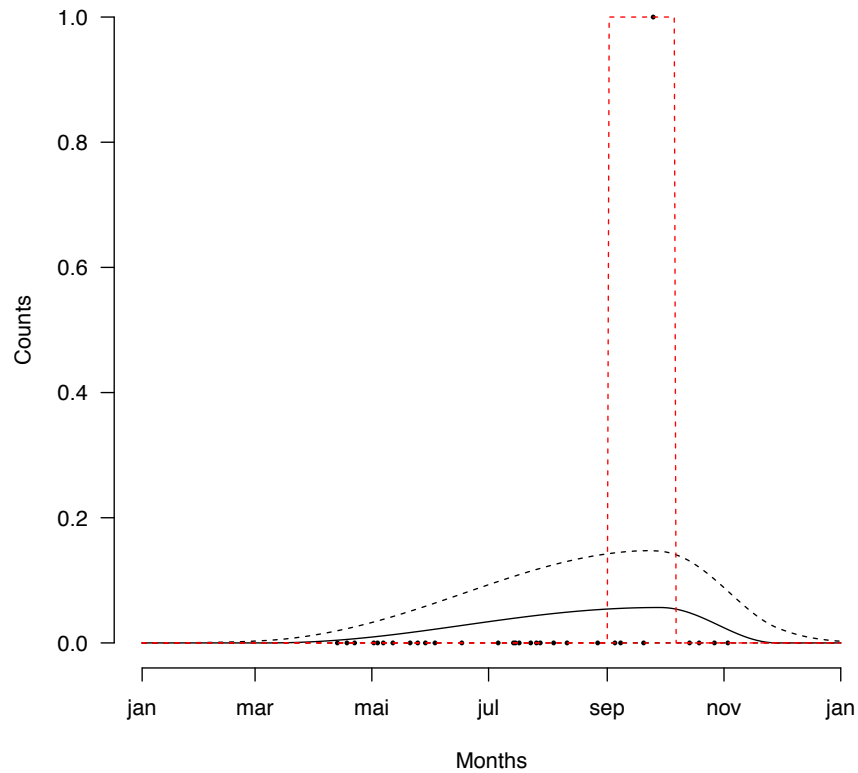
```
##
## Number of timeseries: 1
## -----
## 10#le galion@saint martin-2013
## -----
## Estimation without the observed data
## Total number of counts: 3.8579 ; SD 2.6004
## Estimation taking into account the observed data
## Total number of counts: 3.6919 ; SD 1.8244
## 95% confidence interval: 1 - 7.3407
```

10#le galion@saint martin-2014



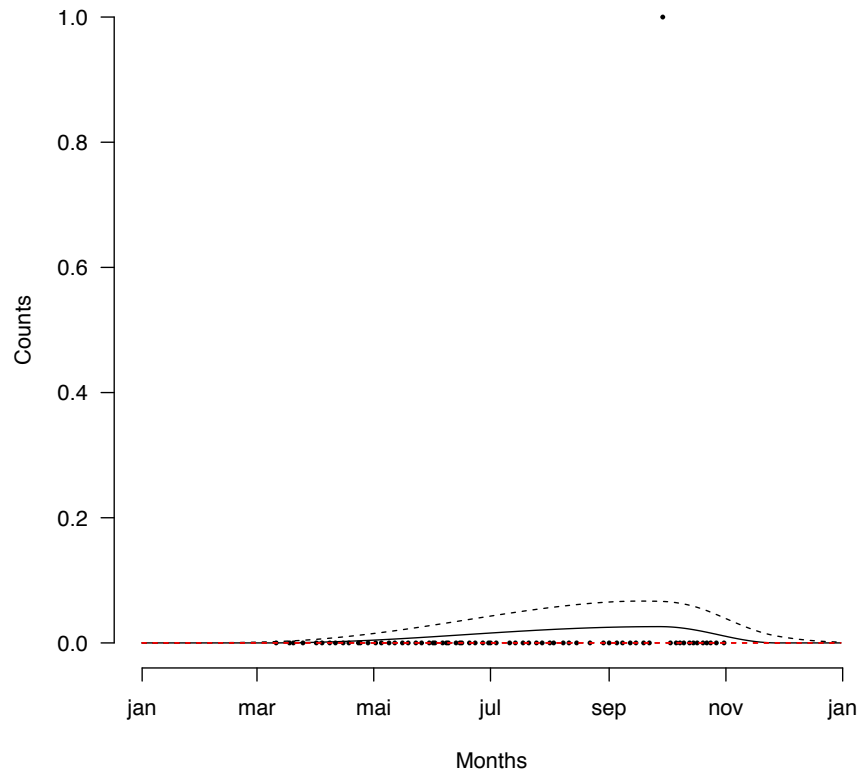
```
##
## Number of timeseries: 1
## -----
## 10#le galion@saint martin-2014
## -----
## Estimation without the observed data
## Total number of counts: 8.249 ; SD 5.9417
## Estimation taking into account the observed data
## Total number of counts: 8.1539 ; SD 5.1749
## 95% confidence interval: 1 - 18.5037
```

10#petites cayes@saint martin-2010



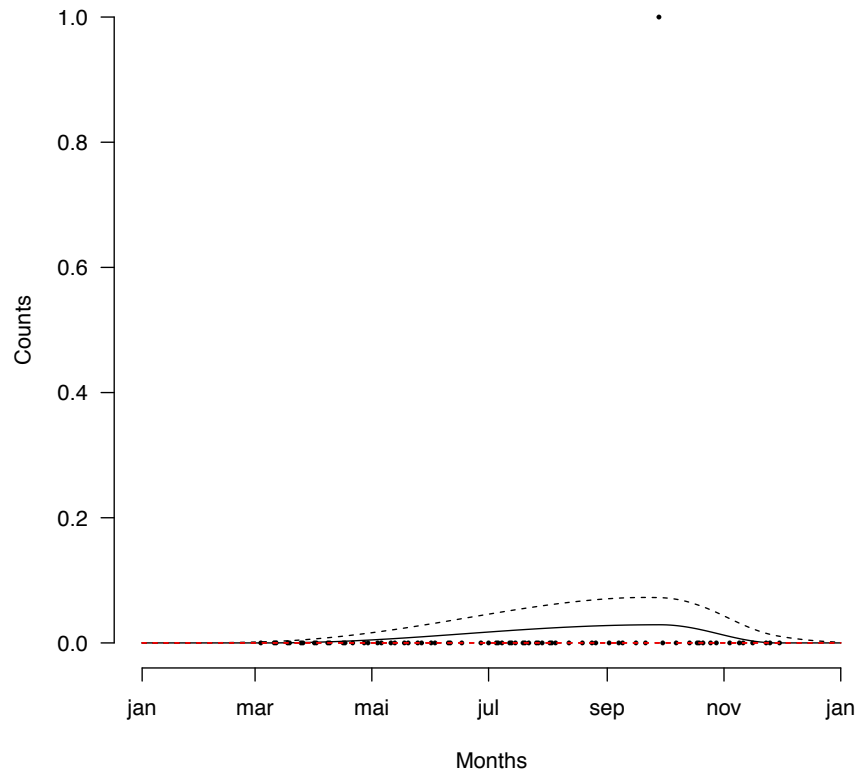
```
##
## Number of timeseries: 1
## -----
## 10#petites cayes@saint martin-2010
## -----
## Estimation without the observed data
## Total number of counts: 9.2134 ; SD 6.3473
## Estimation taking into account the observed data
## Total number of counts: 9.0554 ; SD 5.5524
## 95% confidence interval: 1 - 20.1602
```

10#petites cayes@saint martin-2012



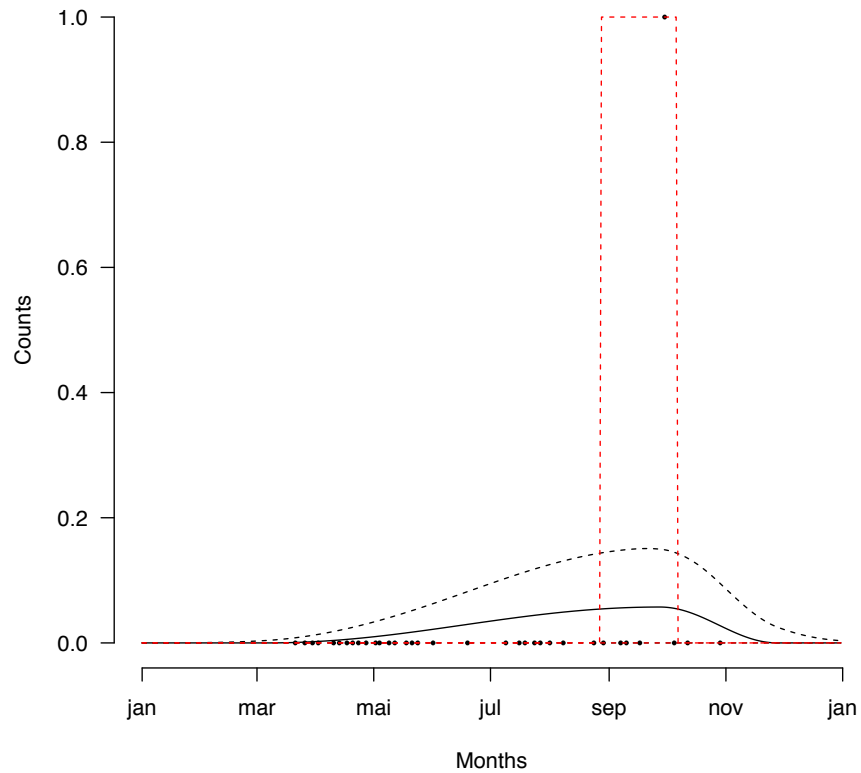
```
##
## Number of timeseries: 1
## -----
## 10#petites cayes@saint martin-2012
## -----
## Estimation without the observed data
## Total number of counts: 4.0688 ; SD 2.8536
## Estimation taking into account the observed data
## Total number of counts: 3.9471 ; SD 2.0696
## 95% confidence interval: 1 - 8.0862
```

10#petites cayes@saint martin-2014



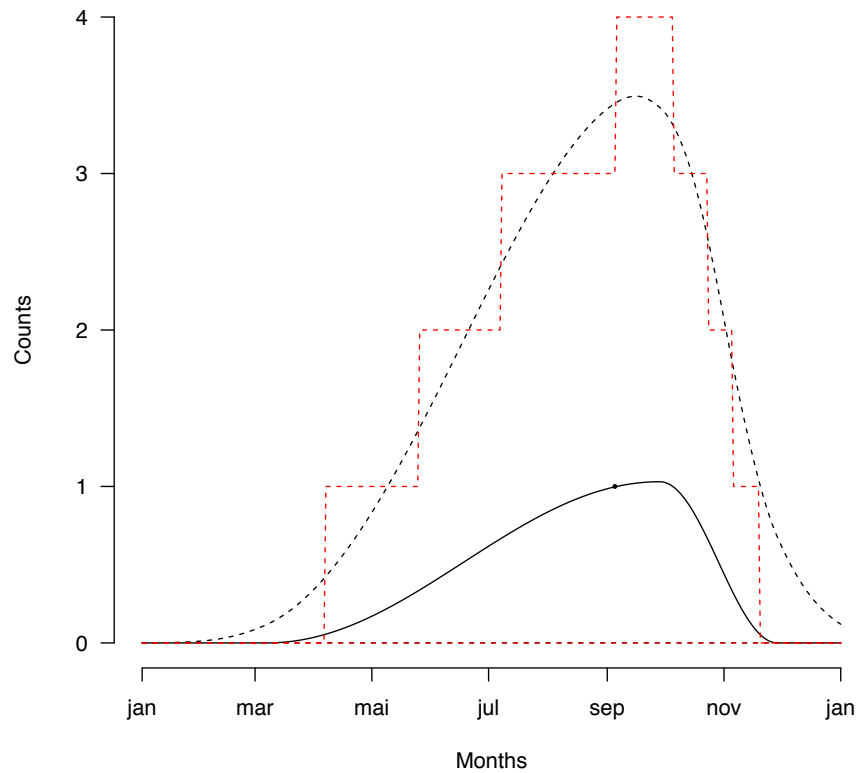
```
##
## Number of timeseries: 1
## -----
## 10#petites cayes@saint martin-2014
## -----
## Estimation without the observed data
## Total number of counts: 4.4916 ; SD 3.0328
## Estimation taking into account the observed data
## Total number of counts: 4.3546 ; SD 2.2653
## 95% confidence interval: 1 - 8.8852
```


10#plages du lagon@saint martin-2012



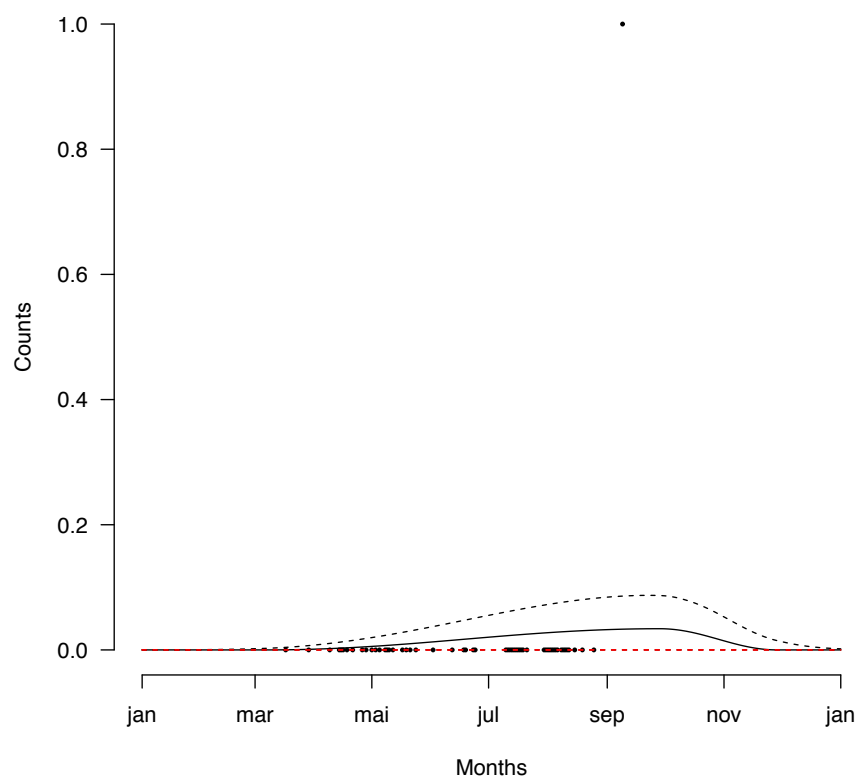
```
##
## Number of timeseries: 1
## -----
## 10#plages du lagon@saint martin-2012
## -----
## Estimation without the observed data
## Total number of counts: 8.9693 ; SD 6.4734
## Estimation taking into account the observed data
## Total number of counts: 8.8537 ; SD 5.6733
## 95% confidence interval: 1 - 20.2003
```

1#anse colas@anse bertrand-2014



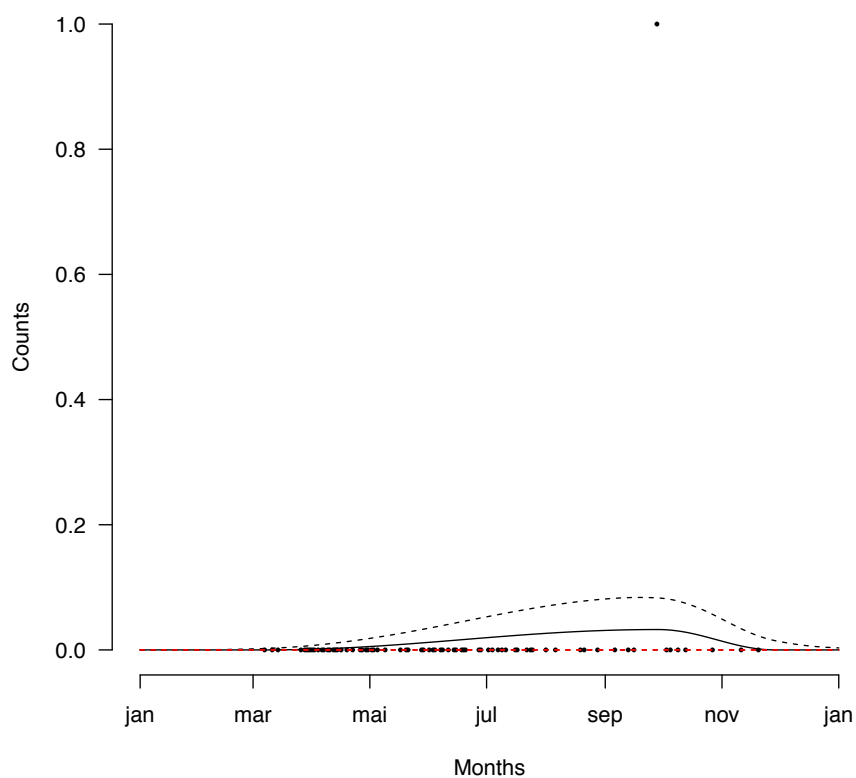
```
##
## Number of timeseries: 1
## -----
## 1#anse colas@anse bertrand-2014
## -----
## Estimation without the observed data
## Total number of counts: 223.664 ; SD 172.0685
## Estimation taking into account the observed data
## Total number of counts: 223.0651 ; SD 170.8601
## 95% confidence interval: 1 - 564.7852
```

1#anse de nogent@sainte rose-2009



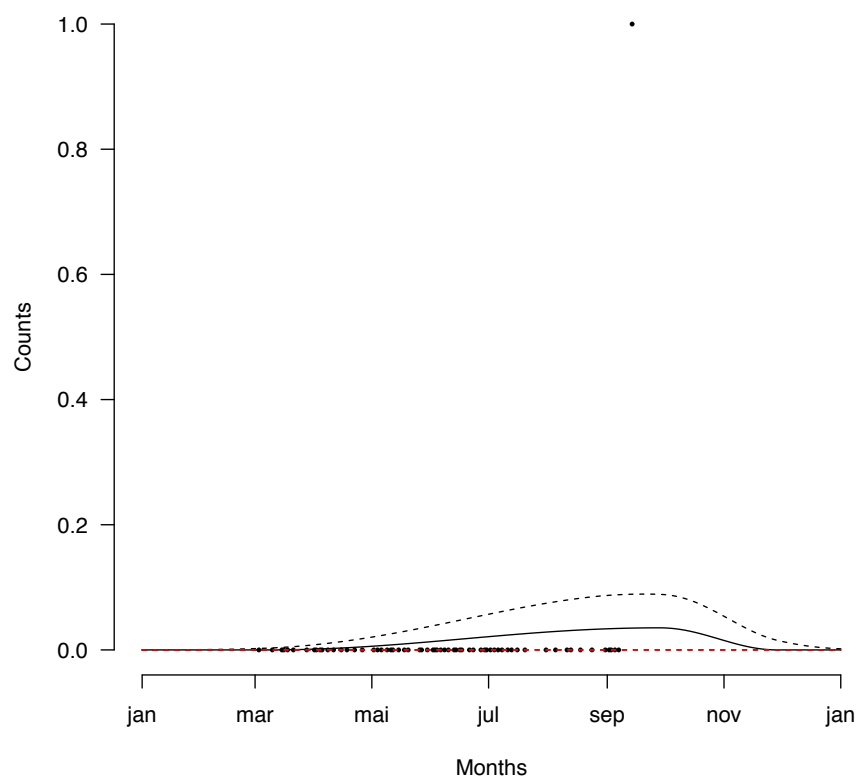
```
##
## Number of timeseries: 1
## -----
## 1#anse de nogent@sainte rose-2009
## -----
## Estimation without the observed data
## Total number of counts: 5.607 ; SD 3.7025
## Estimation taking into account the observed data
## Total number of counts: 5.4047 ; SD 2.9183
## 95% confidence interval: 1 - 11.2413
```

1#anse de nogent@sainte rose-2010



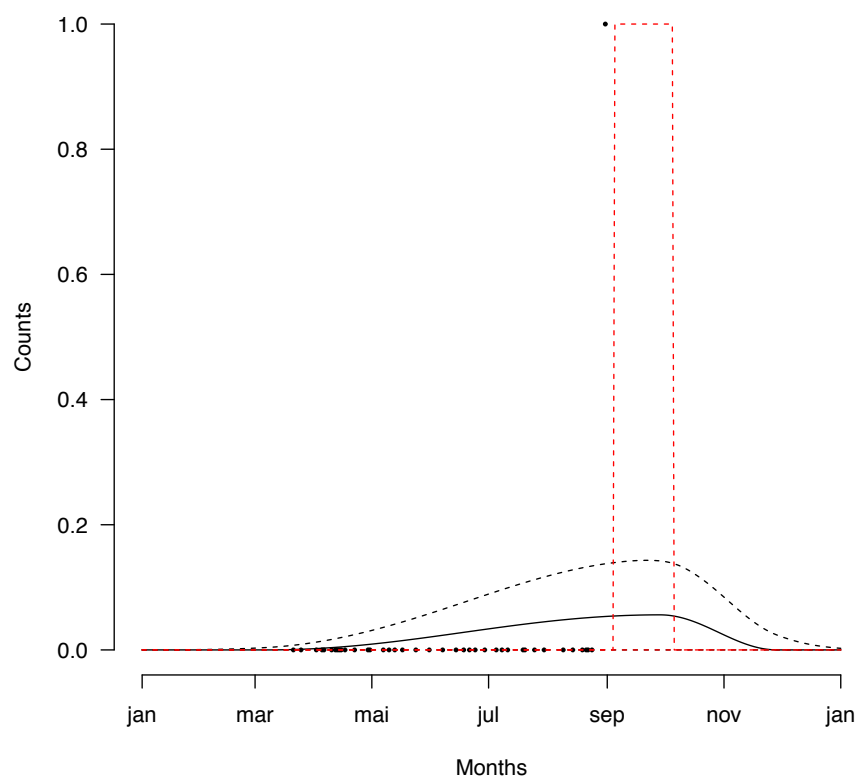
```
##
## Number of timeseries: 1
## -----
## 1#anse de nogent@sainte rose-2010
## -----
## Estimation without the observed data
## Total number of counts: 4.9412 ; SD 3.567
## Estimation taking into account the observed data
## Total number of counts: 4.8402 ; SD 2.7756
## 95% confidence interval: 1 - 10.3914
```

1#anse de nogent@sainte rose-2011



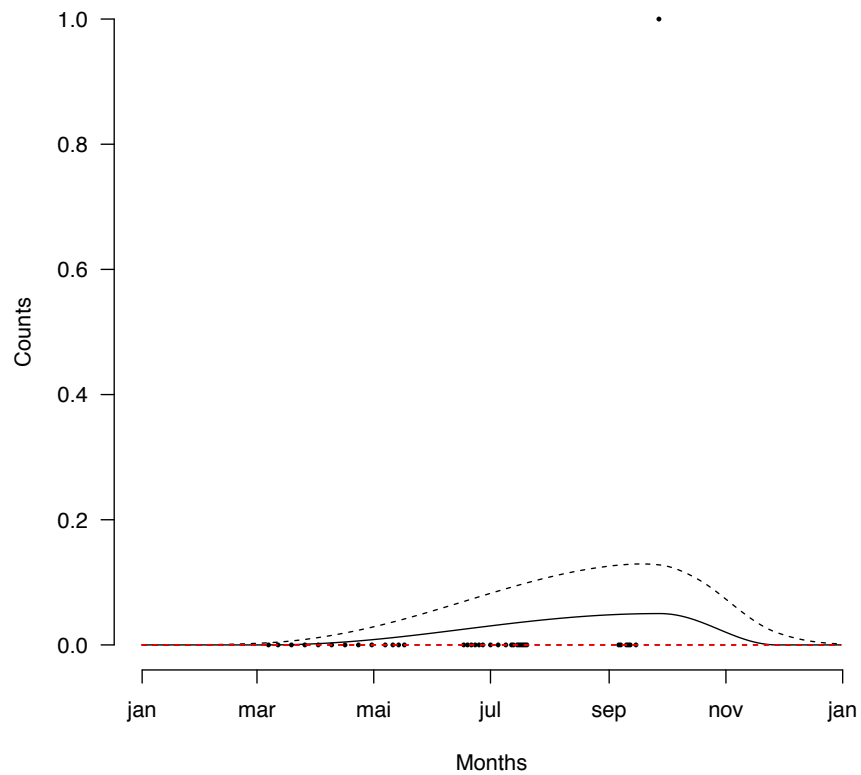
```
##
## Number of timeseries: 1
## -----
## 1#anse de nogent@sainte rose-2011
## -----
## Estimation without the observed data
## Total number of counts: 5.5003 ; SD 3.7863
## Estimation taking into account the observed data
## Total number of counts: 5.3694 ; SD 3.0108
## 95% confidence interval: 1 - 11.3911
```

1#anse de nogent@sainte rose-2013



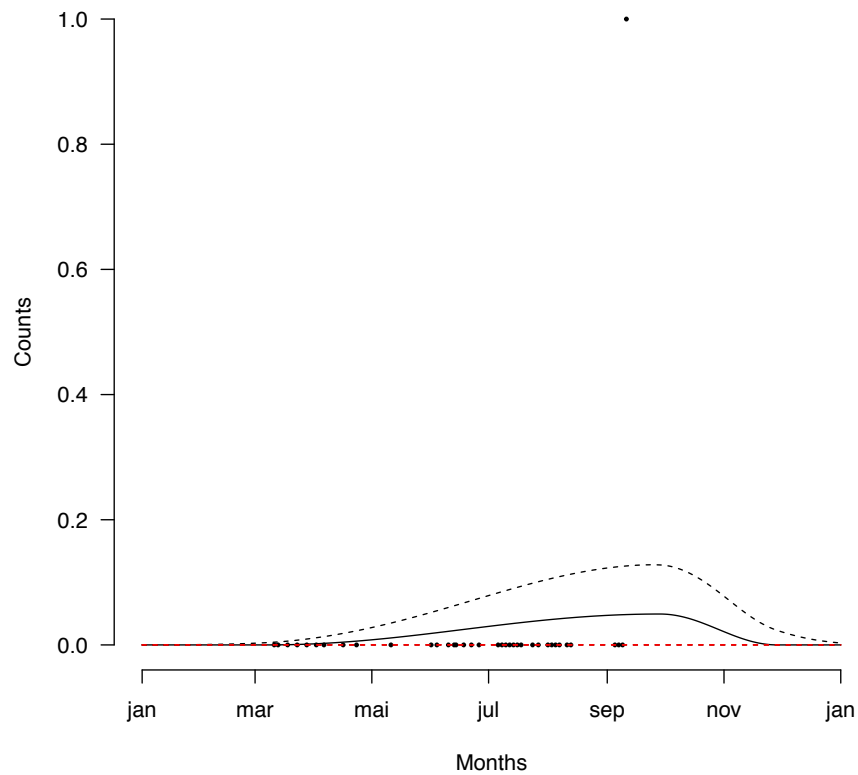
```
##
## Number of timeseries: 1
## -----
## 1#anse de nogent@sainte rose-2013
## -----
## Estimation without the observed data
## Total number of counts: 8.4471 ; SD 6.0382
## Estimation taking into account the observed data
## Total number of counts: 8.3692 ; SD 5.2711
## 95% confidence interval: 1 - 18.9114
```

1#anse du souffleur@port louis-2008



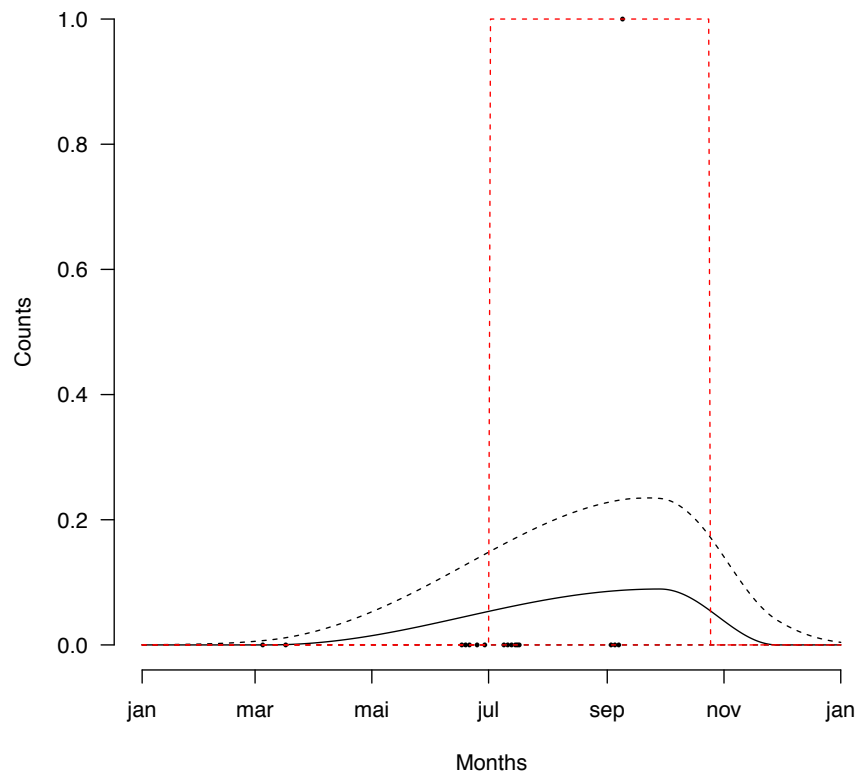
```
##
## Number of timeseries: 1
## -----
## 1#anse du souffleur@port louis-2008
## -----
## Estimation without the observed data
## Total number of counts: 7.7054 ; SD 5.4367
## Estimation taking into account the observed data
## Total number of counts: 7.5968 ; SD 4.651
## 95% confidence interval: 1 - 16.8987
```

1#anse du souffleur@port louis-2009



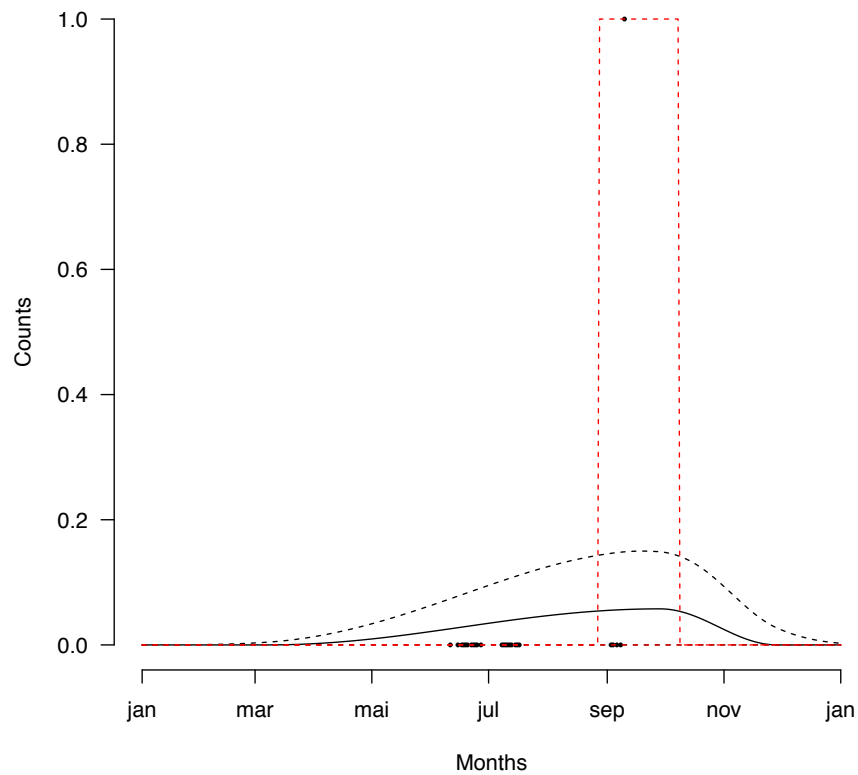
```
##
## Number of timeseries: 1
## -----
## 1#anse du souffleur@port louis-2009
## -----
## Estimation without the observed data
## Total number of counts: 7.882 ; SD 5.3826
## Estimation taking into account the observed data
## Total number of counts: 7.7361 ; SD 4.6185
## 95% confidence interval: 1 - 16.9731
```


1#anse du souffleur@port louis-2010



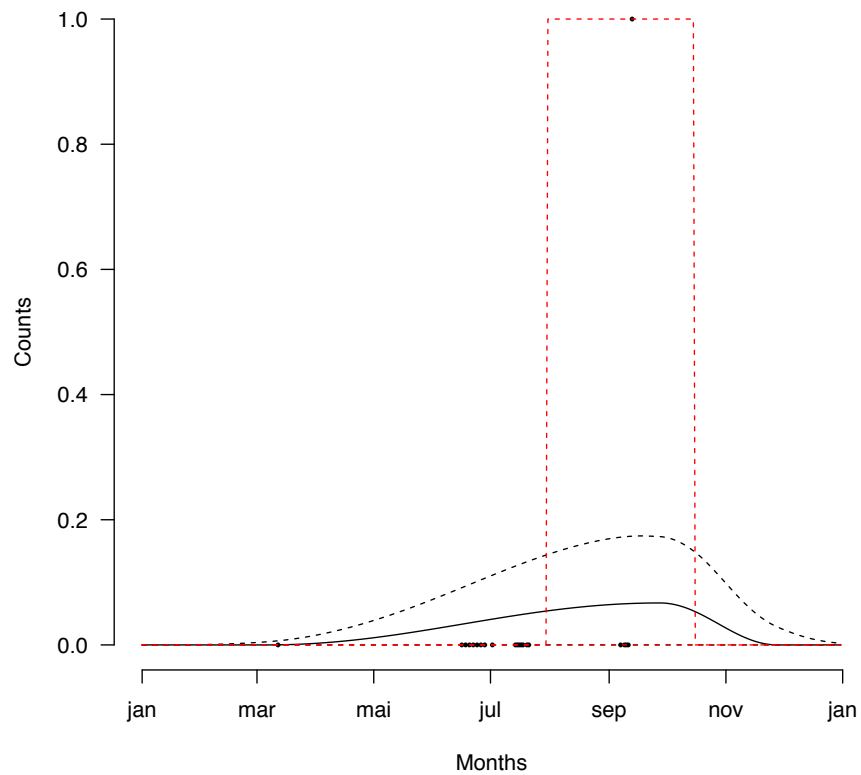
```
##
## Number of timeseries: 1
## -----
## 1#anse du souffleur@port louis-2010
## -----
## Estimation without the observed data
## Total number of counts: 14.1869 ; SD 10.1908
## Estimation taking into account the observed data
## Total number of counts: 14.0632 ; SD 9.3948
## 95% confidence interval: 1 - 32.8529
```

1#anse du souffleur@port louis-2011



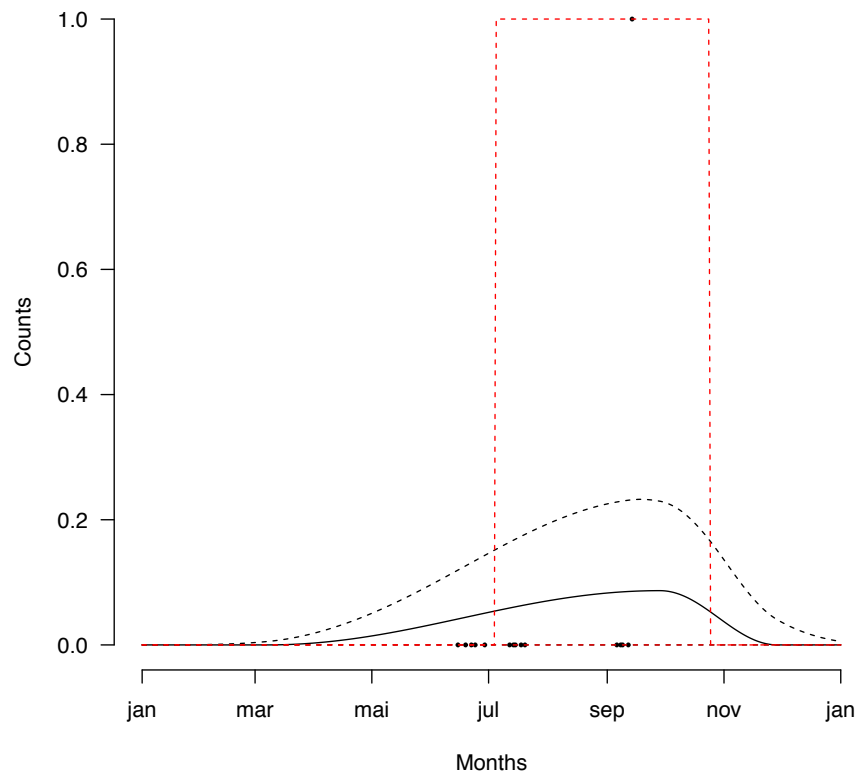
```
##
## Number of timeseries: 1
## -----
## 1#anse du souffleur@port louis-2011
## -----
## Estimation without the observed data
## Total number of counts: 9.3507 ; SD 6.5237
## Estimation taking into account the observed data
## Total number of counts: 9.1968 ; SD 5.7355
## 95% confidence interval: 1 - 20.6678
```

1#anse du souffleur@port louis-2012



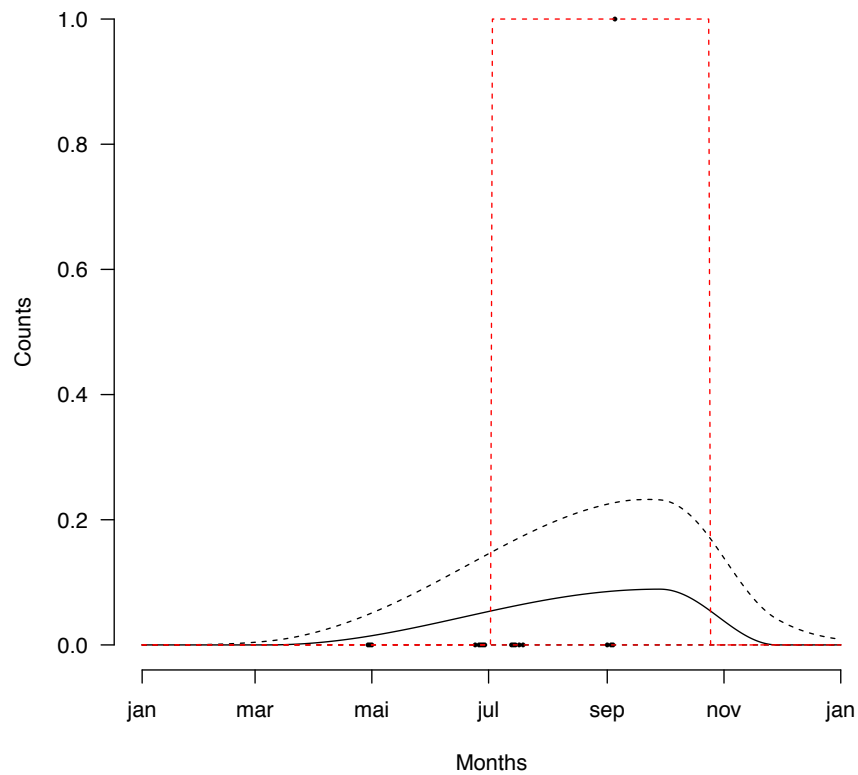
```
##
## Number of timeseries: 1
## -----
## 1#anse du souffleur@port louis-2012
## -----
## Estimation without the observed data
## Total number of counts: 10.1714 ; SD 7.392
## Estimation taking into account the observed data
## Total number of counts: 10.0843 ; SD 6.6127
## 95% confidence interval: 1 - 23.3098
```

1#anse du souffleur@port louis-2013



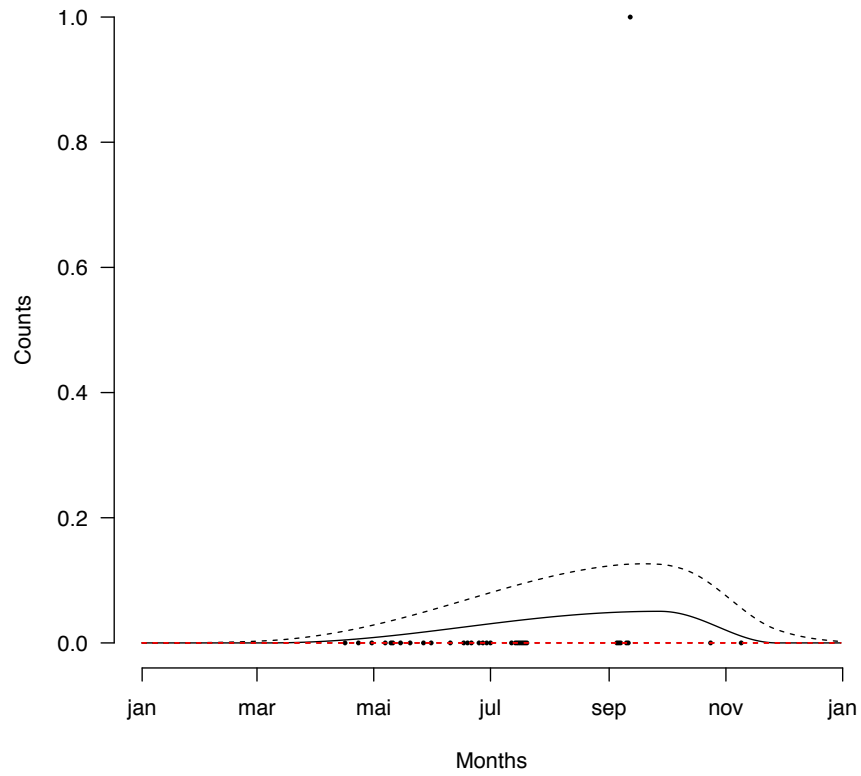
```
##
## Number of timeseries: 1
## -----
## 1#anse du souffleur@port louis-2013
## -----
## Estimation without the observed data
## Total number of counts: 14.1925 ; SD 10.0967
## Estimation taking into account the observed data
## Total number of counts: 14.033 ; SD 9.2755
## 95% confidence interval: 1 - 32.5839
```

1#anse du souffleur@port louis-2014



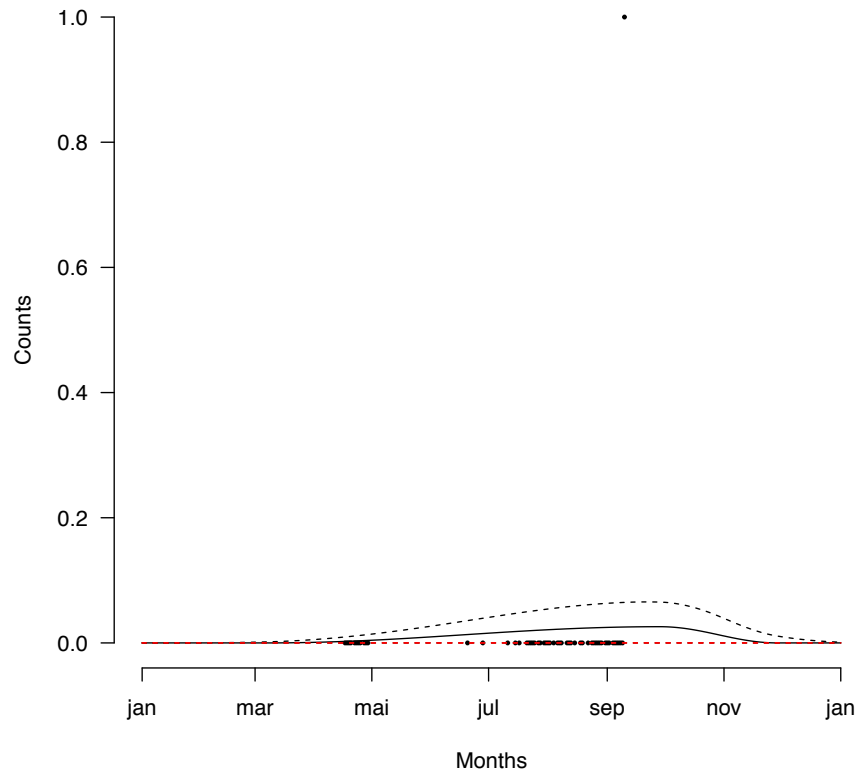
```
##
## Number of timeseries: 1
## -----
## 1#anse du souffleur@port louis-2014
## -----
## Estimation without the observed data
## Total number of counts: 14.1883 ; SD 10.0236
## Estimation taking into account the observed data
## Total number of counts: 14.0521 ; SD 9.243
## 95% confidence interval: 1 - 32.5381
```

1#anse laborde@anse bertrand-2008



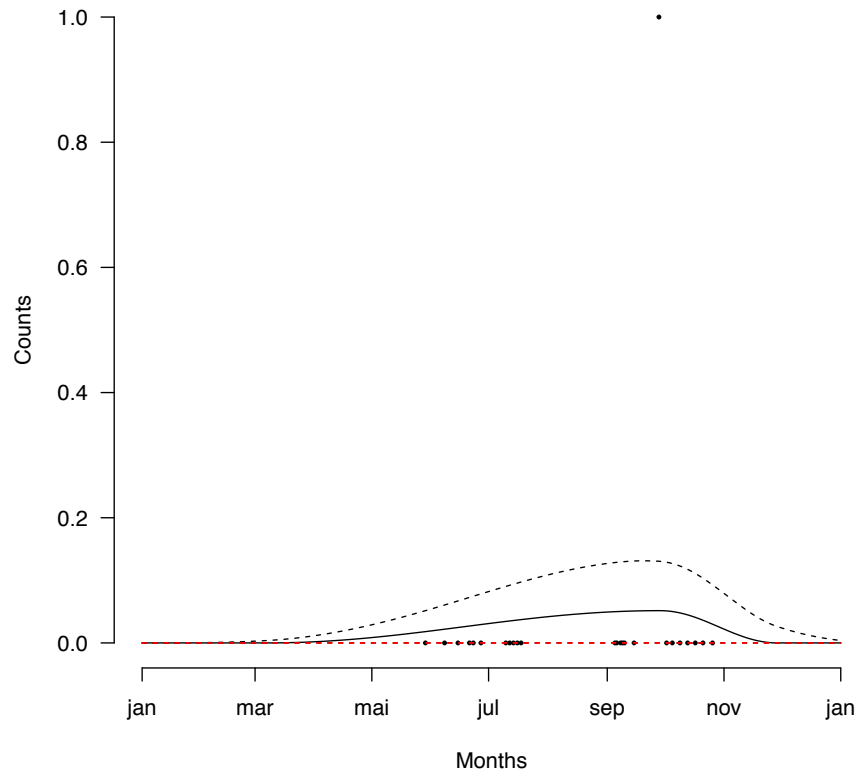
```
##
## Number of timeseries: 1
## -----
## 1#anse laborde@anse bertrand-2008
## -----
## Estimation without the observed data
## Total number of counts: 7.7826 ; SD 5.2774
## Estimation taking into account the observed data
## Total number of counts: 7.6755 ; SD 4.535
## 95% confidence interval: 1 - 16.7455
```

1#anse laborde@anse bertrand-2009



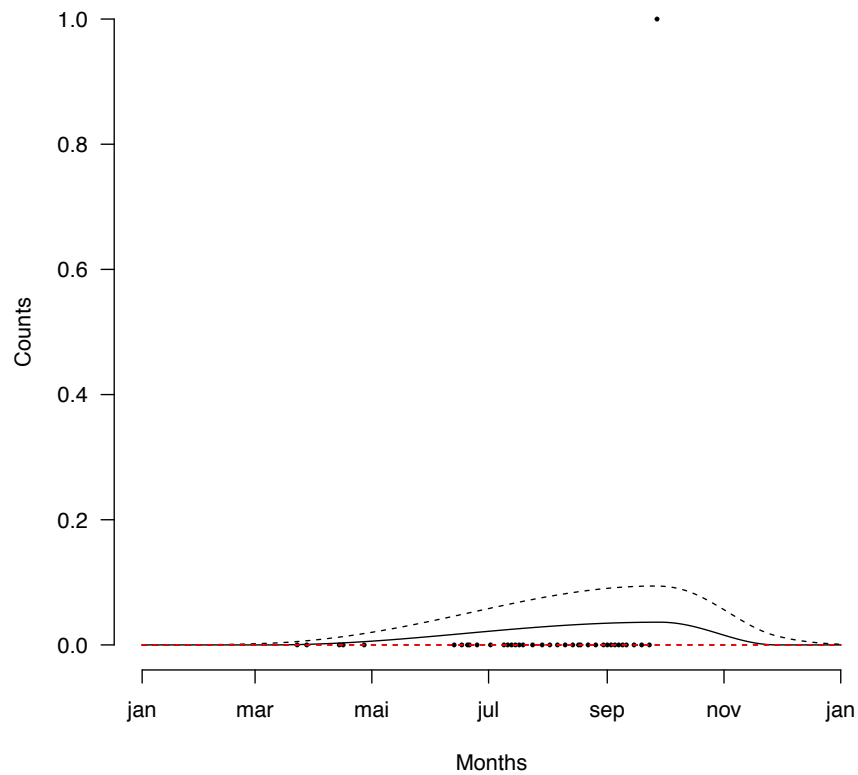
```
##
## Number of timeseries: 1
## -----
## 1#anse laborde@anse bertrand-2009
## -----
## Estimation without the observed data
## Total number of counts: 3.9959 ; SD 2.7245
## Estimation taking into account the observed data
## Total number of counts: 3.8602 ; SD 1.9715
## 95% confidence interval: 1 - 7.8032
```

1#anse laborde@anse bertrand-2010



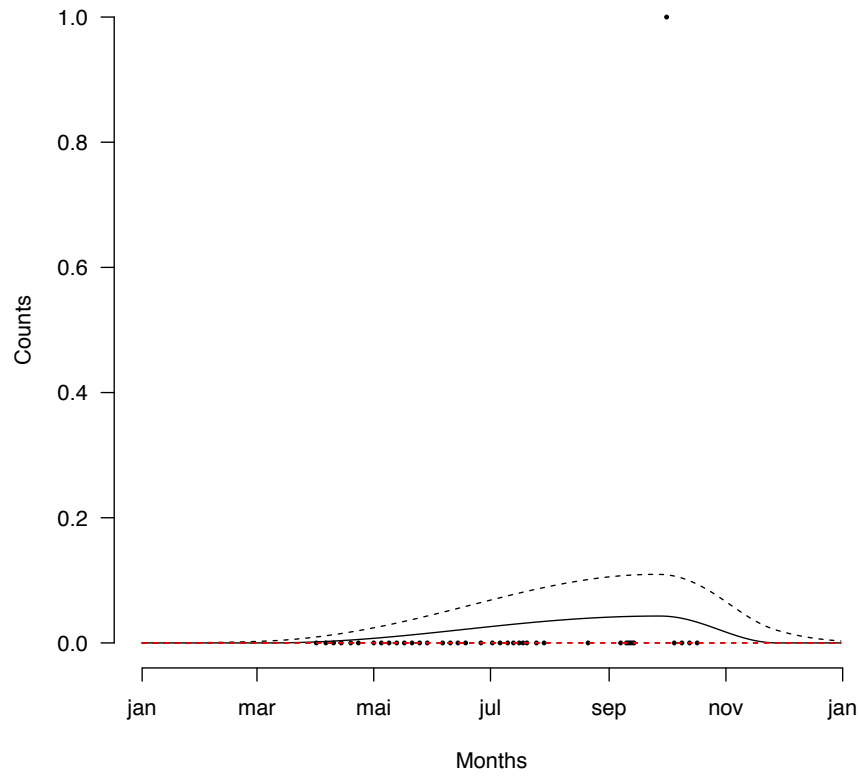
```
##
## Number of timeseries: 1
## -----
## 1#anse laborde@anse bertrand-2010
## -----
## Estimation without the observed data
## Total number of counts: 7.868 ; SD 5.4996
## Estimation taking into account the observed data
## Total number of counts: 7.7969 ; SD 4.76
## 95% confidence interval: 1 - 17.317
```


1#anse laborde@anse bertrand-2011



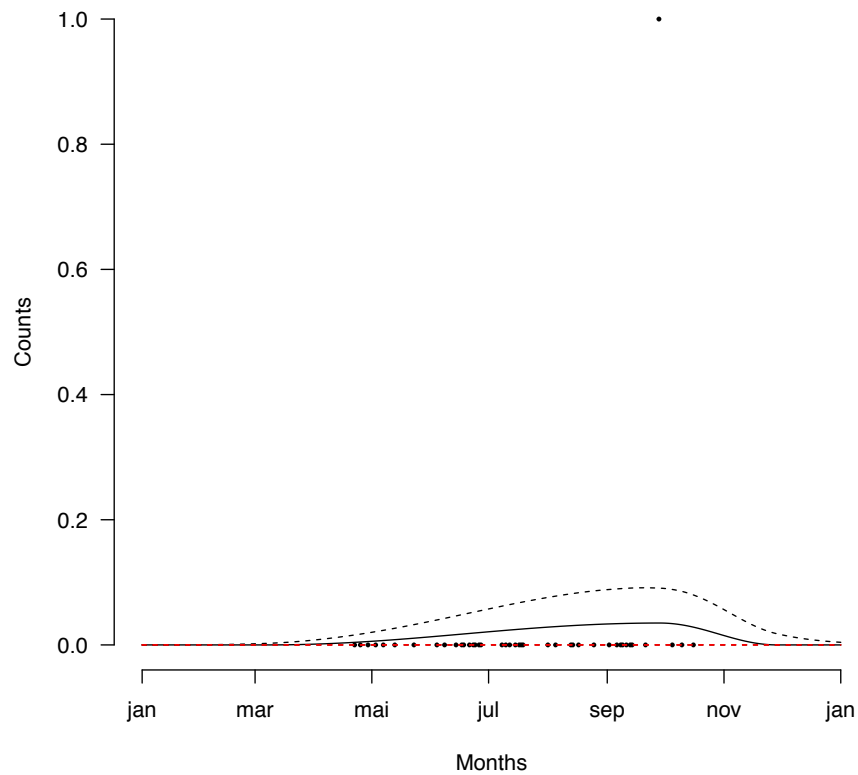
```
##
## Number of timeseries: 1
## -----
## 1#anse laborde@anse bertrand-2011
## -----
## Estimation without the observed data
## Total number of counts: 5.7137 ; SD 3.9871
## Estimation taking into account the observed data
## Total number of counts: 5.5694 ; SD 3.2094
## 95% confidence interval: 1 - 11.9882
```

1#anse laborde@anse bertrand-2012



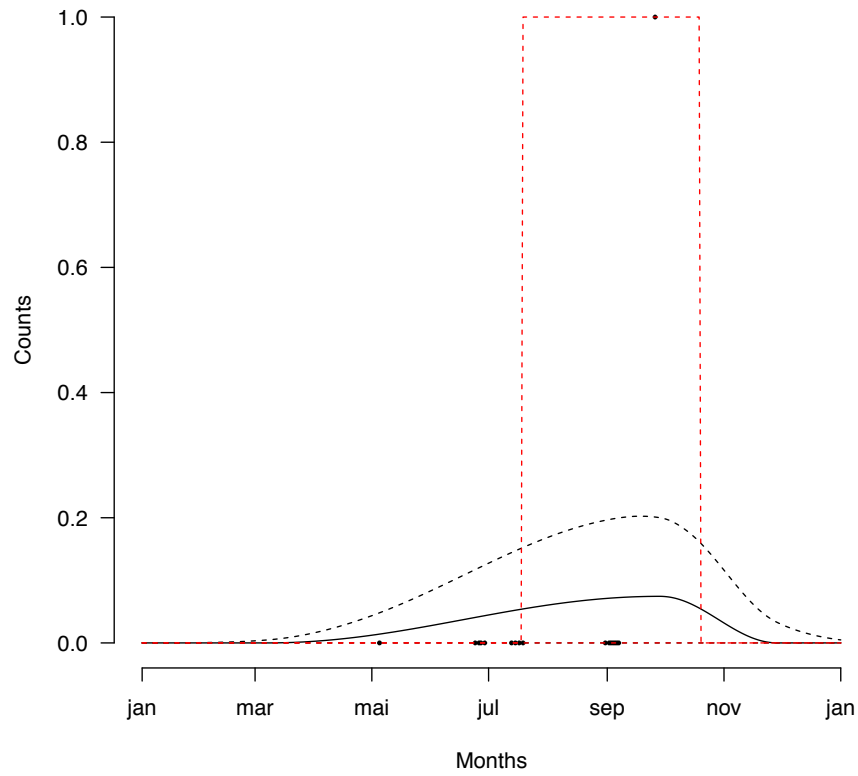
```
##
## Number of timeseries: 1
## -----
## 1#anse laborde@anse bertrand-2012
## -----
## Estimation without the observed data
## Total number of counts: 6.8338 ; SD 4.596
## Estimation taking into account the observed data
## Total number of counts: 6.7047 ; SD 3.848
## 95% confidence interval: 1 - 14.4007
```

1#anse laborde@anse bertrand-2013



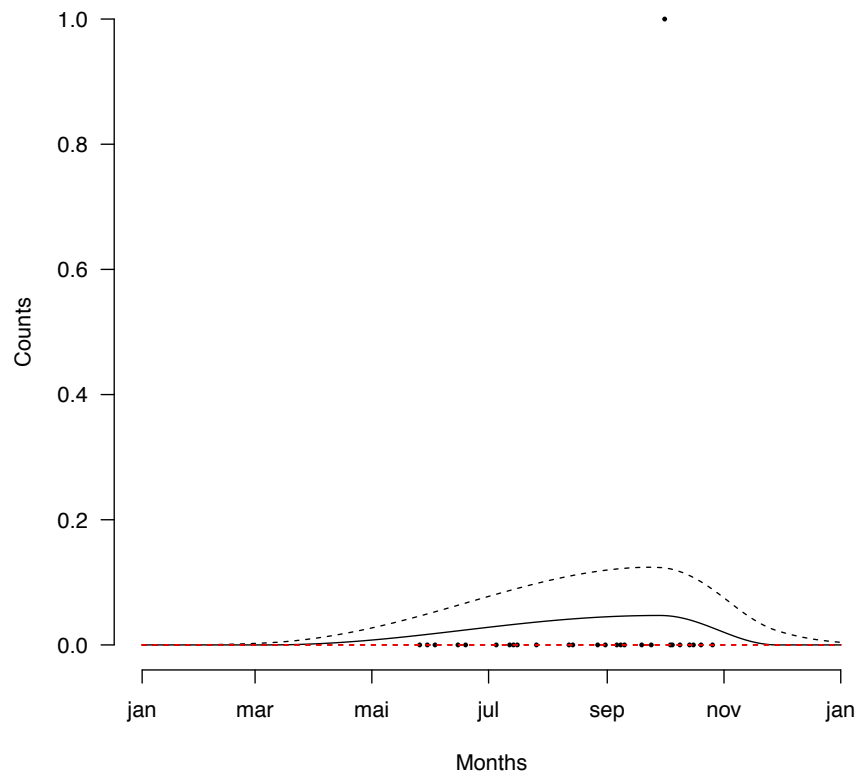
```
##
## Number of timeseries: 1
## -----
## 1#anse laborde@anse bertrand-2013
## -----
## Estimation without the observed data
## Total number of counts: 5.4299 ; SD 3.9692
## Estimation taking into account the observed data
## Total number of counts: 5.3194 ; SD 3.1793
## 95% confidence interval: 1 - 11.6781
```

1#anse laborde@anse bertrand-2014



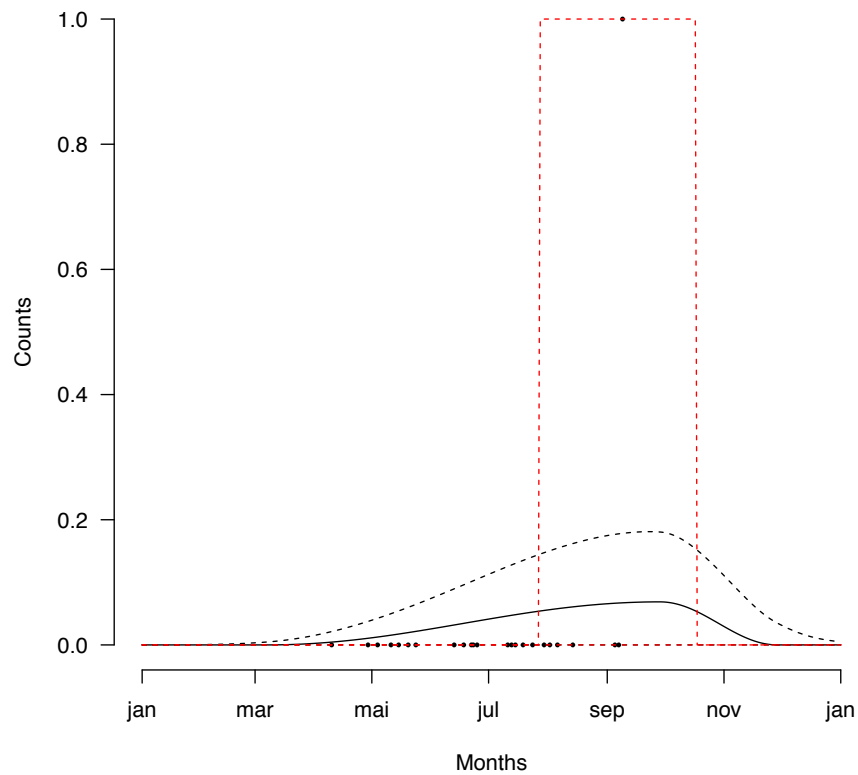
```
##
## Number of timeseries: 1
## -----
## 1#anse laborde@anse bertrand-2014
## -----
## Estimation without the observed data
## Total number of counts: 11.8964 ; SD 8.7706
## Estimation taking into account the observed data
## Total number of counts: 11.742 ; SD 7.9259
## 95% confidence interval: 1 - 27.5937
```

1#anse lavolvaine@port louis-2010



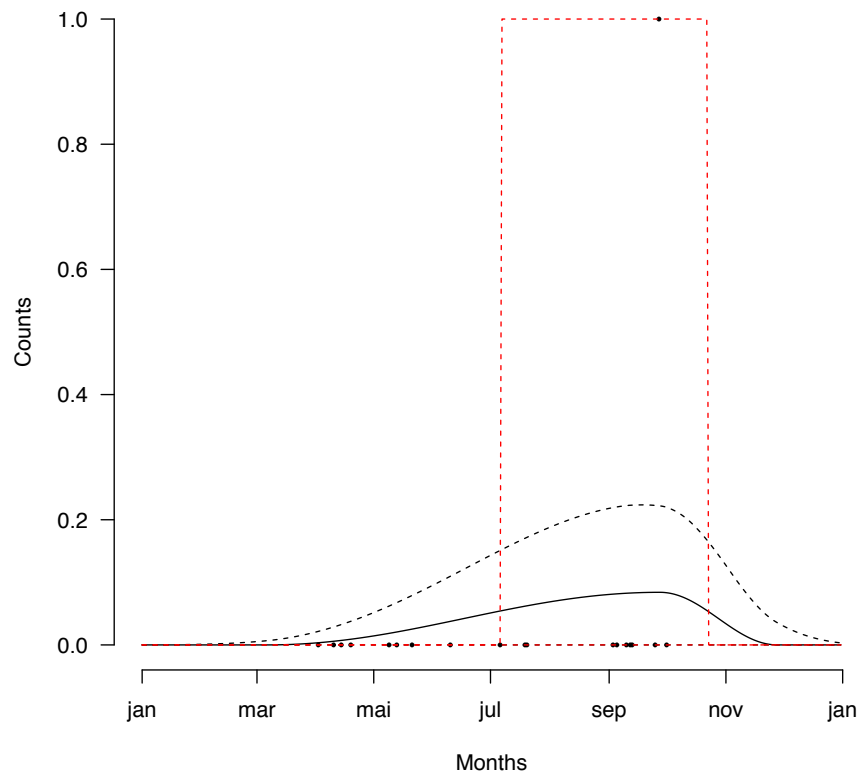
```
##
## Number of timeseries: 1
## -----
## 1#anse lavolvaine@port louis-2010
## -----
## Estimation without the observed data
## Total number of counts: 7.5272 ; SD 5.313
## Estimation taking into account the observed data
## Total number of counts: 7.3953 ; SD 4.5229
## 95% confidence interval: 1 - 16.441
```

1#anse lavolvaine@port louis-2011



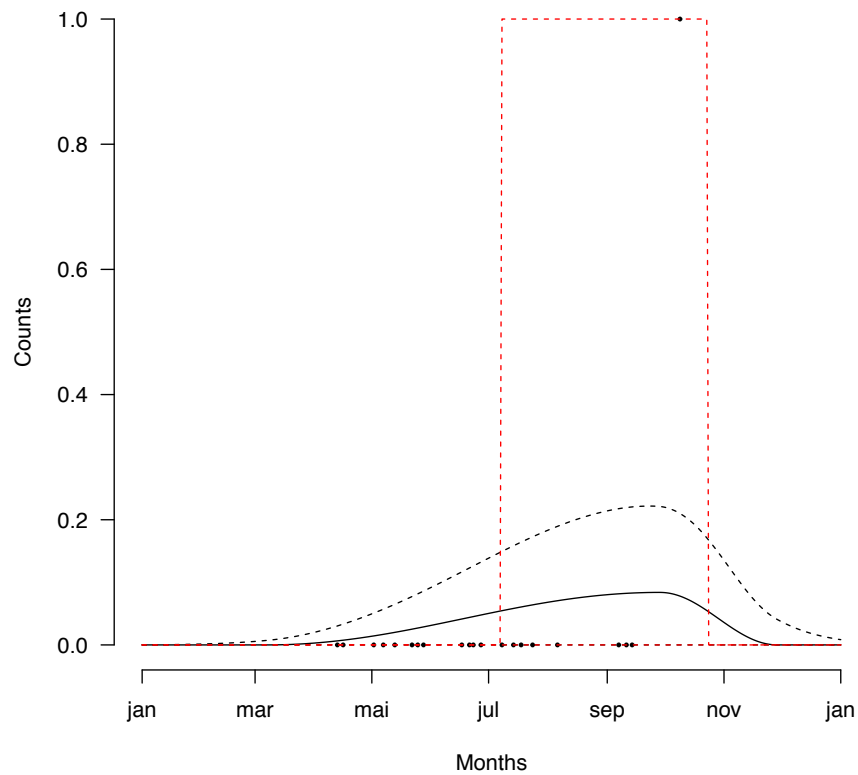
```
##
## Number of timeseries: 1
## -----
## 1#anse lavolvaine@port louis-2011
## -----
## Estimation without the observed data
## Total number of counts: 10.8556 ; SD 7.7923
## Estimation taking into account the observed data
## Total number of counts: 10.7365 ; SD 7.009
## 95% confidence interval: 1 - 24.7545
```

1#anse lavolvaine@port louis-2012



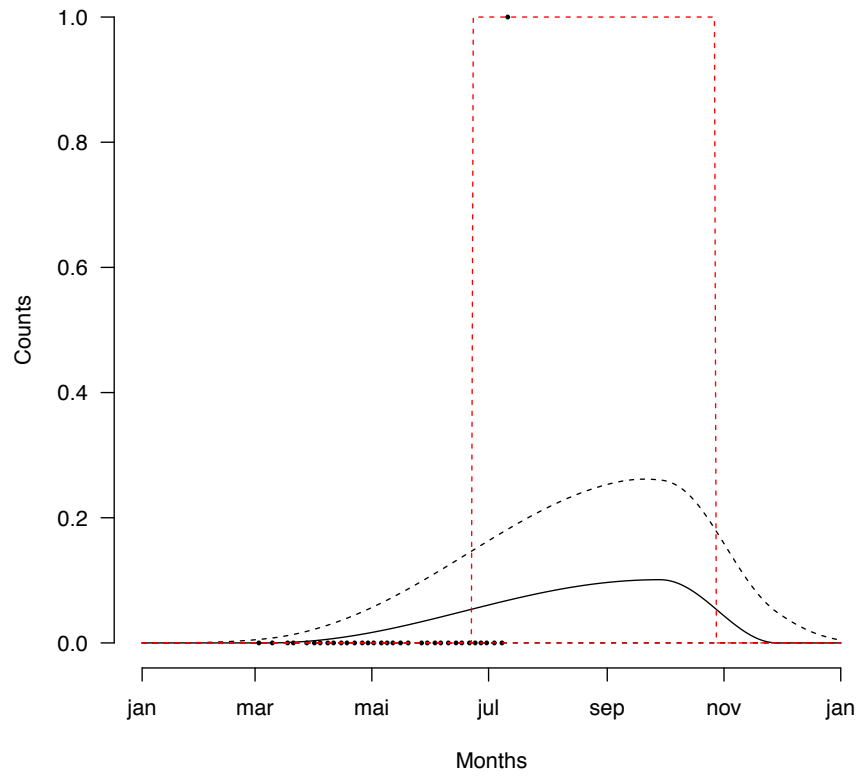
```
##
## Number of timeseries: 1
## -----
## 1#anse lavolvaine@port louis-2012
## -----
## Estimation without the observed data
## Total number of counts: 13.7486 ; SD 9.5998
## Estimation taking into account the observed data
## Total number of counts: 13.5834 ; SD 8.7877
## 95% confidence interval: 1 - 31.1589
```

1#anse lavolvaine@port louis-2013



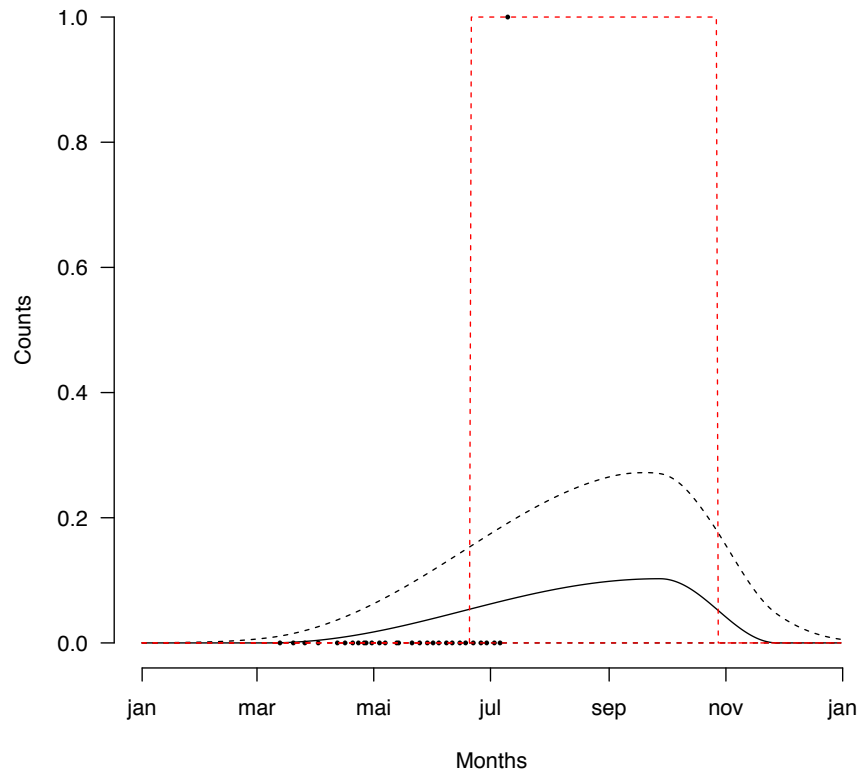
```
##
## Number of timeseries: 1
## -----
## 1#anse lavolvaine@port louis-2013
## -----
## Estimation without the observed data
## Total number of counts: 13.5465 ; SD 9.6239
## Estimation taking into account the observed data
## Total number of counts: 13.4105 ; SD 8.8283
## 95% confidence interval: 1 - 31.0672
```


1#anse vinty@sainte rose-2011



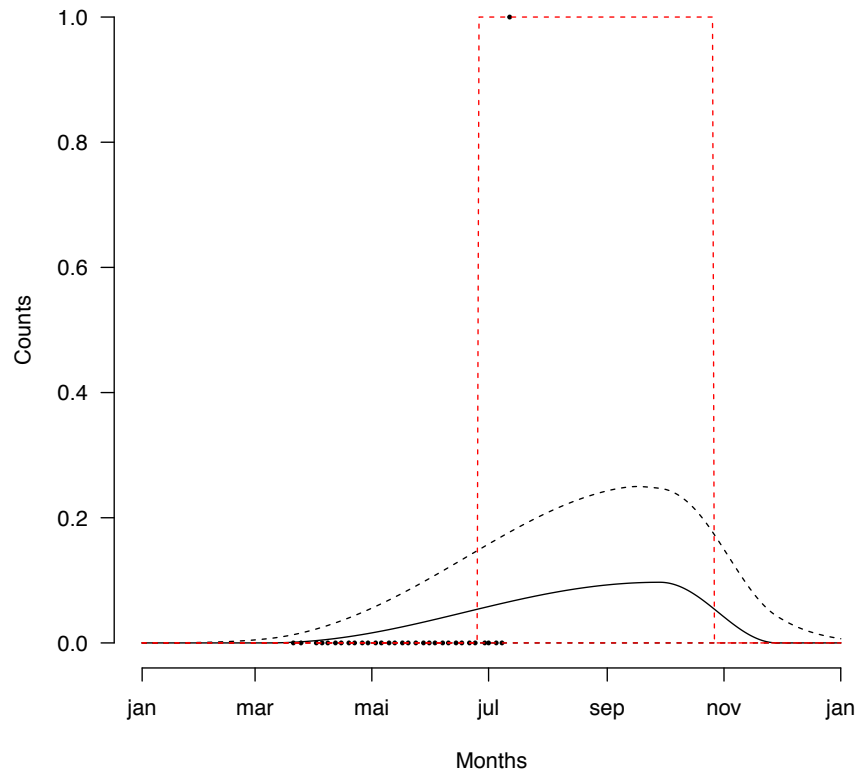
```
##
## Number of timeseries: 1
## -----
## 1#anse vinty@sainte rose-2011
## -----
## Estimation without the observed data
## Total number of counts: 15.8257 ; SD 11.1696
## Estimation taking into account the observed data
## Total number of counts: 15.7084 ; SD 10.3965
## 95% confidence interval: 1 - 36.5013
```

1#anse vinty@sainte rose-2012



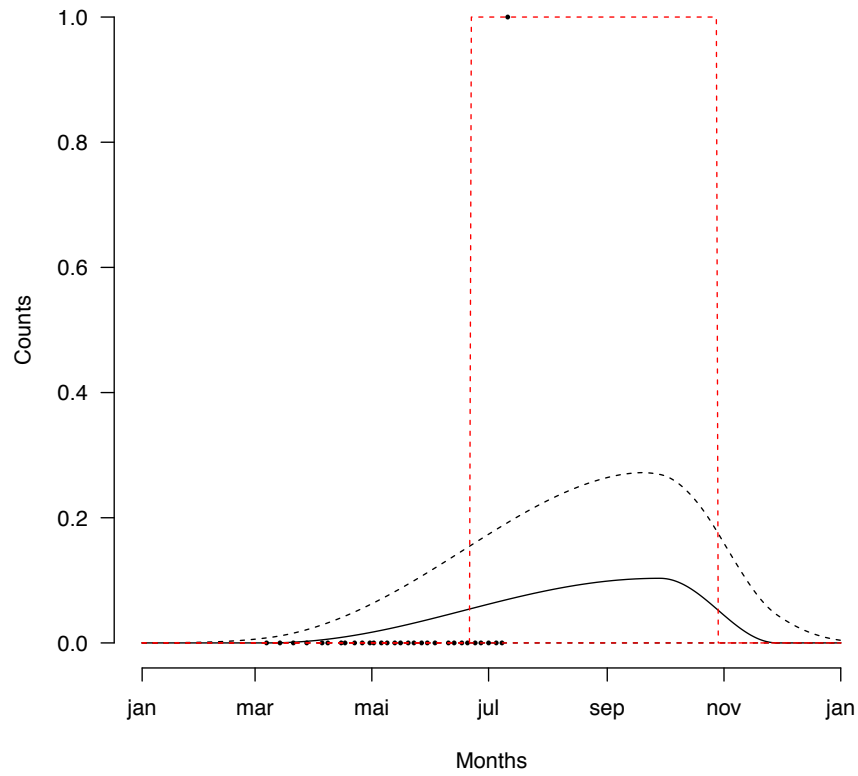
```
##
## Number of timeseries: 1
## -----
## 1#anse vinty@sainte rose-2012
## -----
## Estimation without the observed data
## Total number of counts: 16.7142 ; SD 11.7946
## Estimation taking into account the observed data
## Total number of counts: 16.5416 ; SD 10.9516
## 95% confidence interval: 1 - 38.4448
```

1#anse vinty@sainte rose-2013



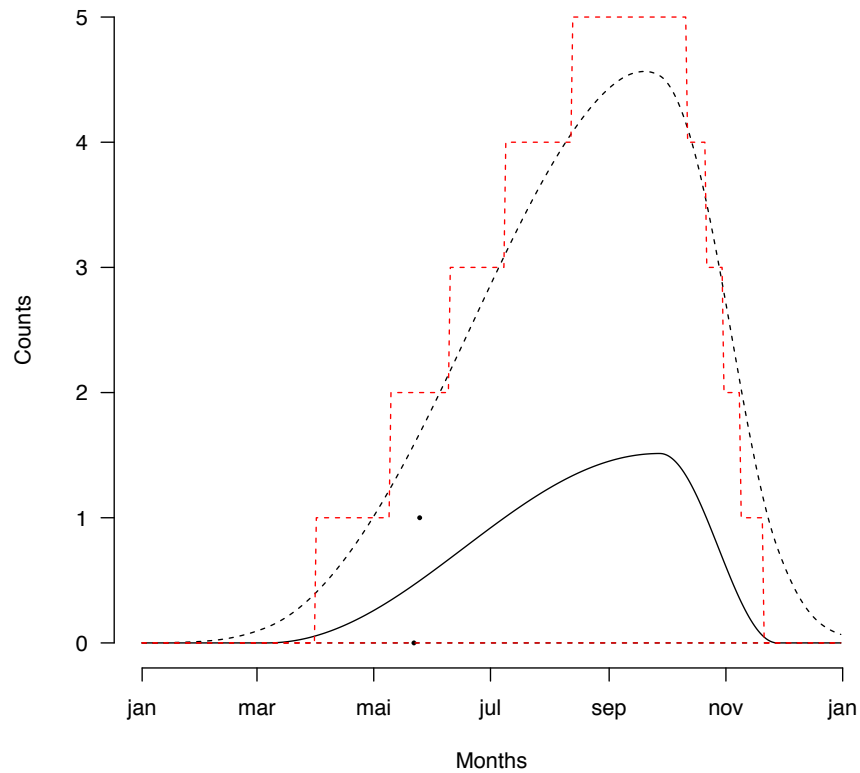
```
##
## Number of timeseries: 1
## -----
## 1#anse vinty@sainte rose-2013
## -----
## Estimation without the observed data
## Total number of counts: 15.4583 ; SD 10.6627
## Estimation taking into account the observed data
## Total number of counts: 15.3144 ; SD 9.8683
## 95% confidence interval: 1 - 35.0511
```

1#anse vinty@sainte rose-2014



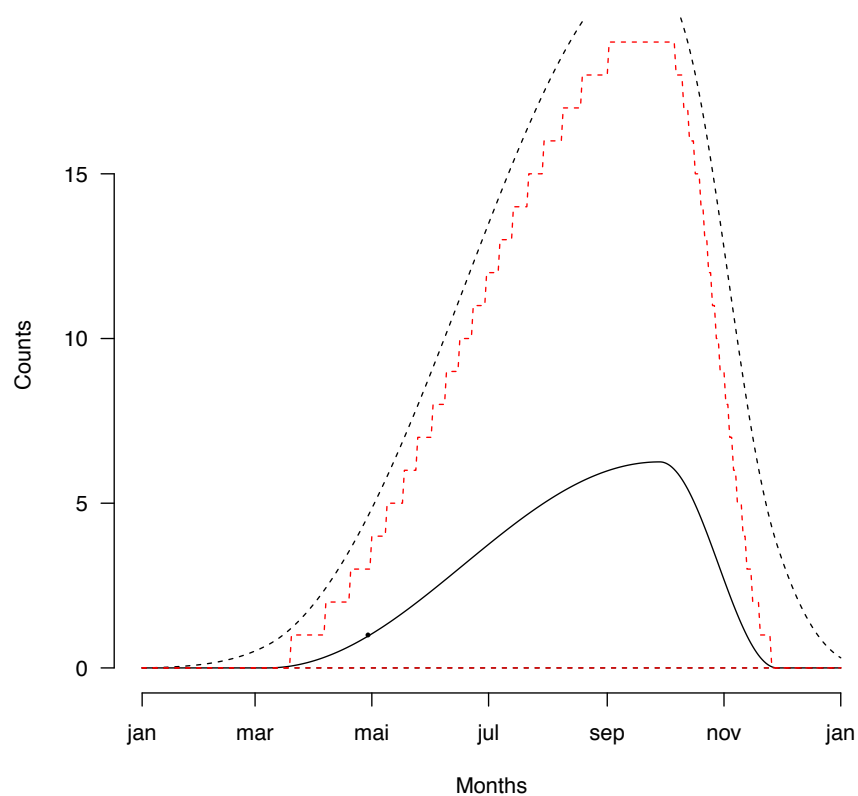
```
##
## Number of timeseries: 1
## -----
## 1#anse vinty@sainte rose-2014
## -----
## Estimation without the observed data
## Total number of counts: 16.5485 ; SD 11.8098
## Estimation taking into account the observed data
## Total number of counts: 16.3789 ; SD 10.9529
## 95% confidence interval: 1 - 38.2848
```

1#ilet fajou@morne a l'eau-2000



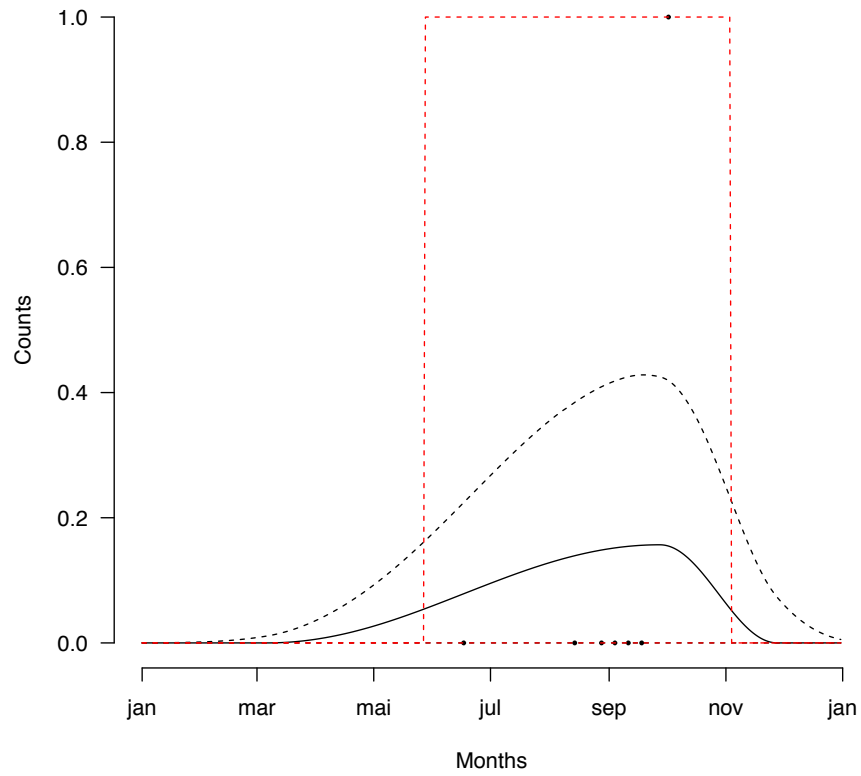
```
##
## Number of timeseries: 1
## -----
## 1#ilet fajou@morne a l'eau-2000
## -----
## Estimation without the observed data
## Total number of counts: 285.4918 ; SD 207.733
## Estimation taking into account the observed data
## Total number of counts: 285.1409 ; SD 206.7621
## 95% confidence interval: 1 - 698.665
```

1#ilet fajou@morne a l'eau-2006



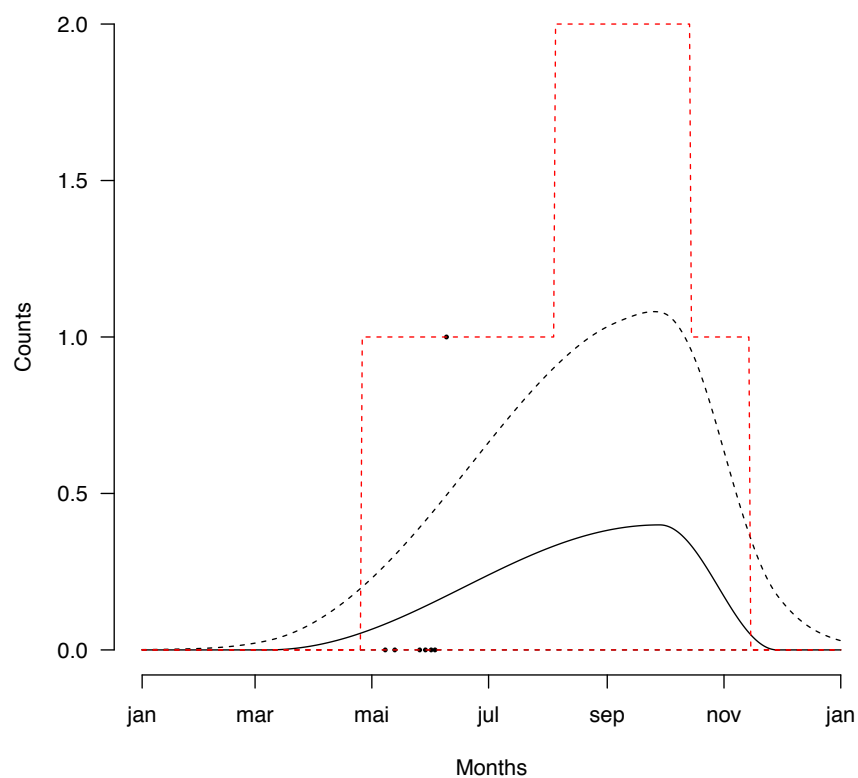
```
##
## Number of timeseries: 1
## -----
## 1#ilet fajou@morne a l'eau-2006
## -----
## Estimation without the observed data
## Total number of counts: 1361.6188 ; SD 1050.7399
## Estimation taking into account the observed data
## Total number of counts: 1360.9229 ; SD 1049.3072
## 95% confidence interval: 1 - 3459.5373
```

1#ilet fajou@morne a l'eau-2008



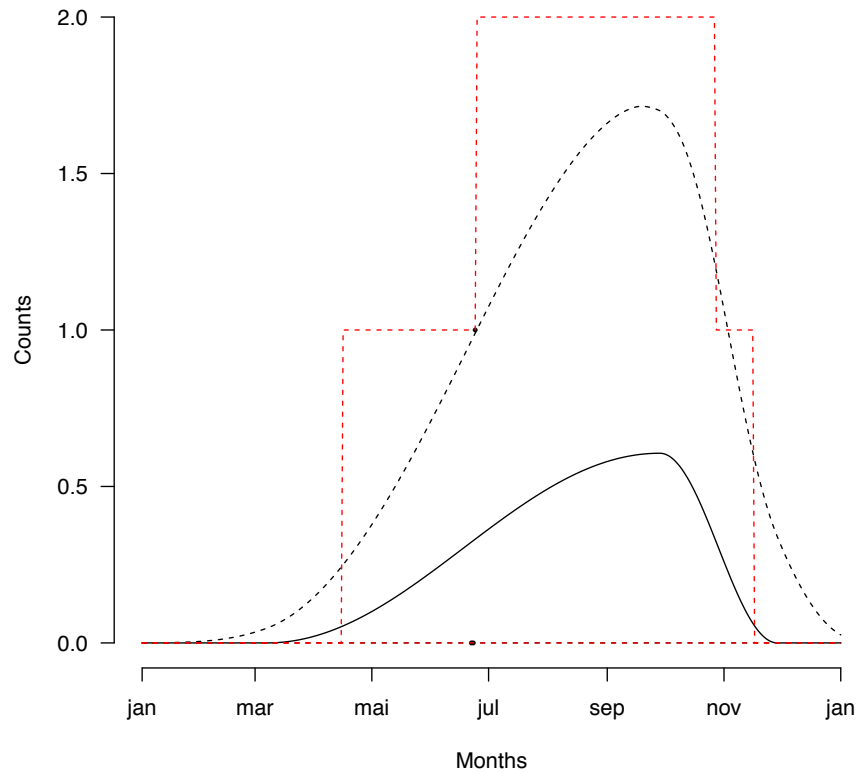
```
##
## Number of timeseries: 1
## -----
## 1#ilet fajou@morne a l'eau-2008
## -----
## Estimation without the observed data
## Total number of counts: 25.0892 ; SD 18.5331
## Estimation taking into account the observed data
## Total number of counts: 24.9357 ; SD 17.6948
## 95% confidence interval: 1 - 60.3254
```

1#ilet fajou@morne a l'eau-2009



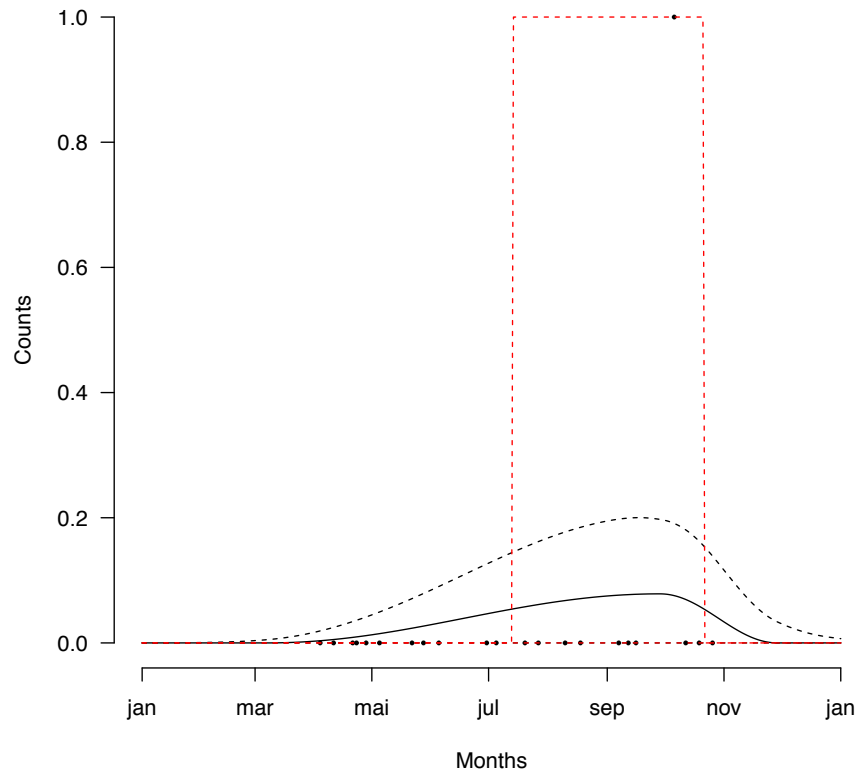
```
##
## Number of timeseries: 1
## -----
## 1#ilet fajou@morne a l'eau-2009
## -----
## Estimation without the observed data
## Total number of counts: 63.9469 ; SD 46.3575
## Estimation taking into account the observed data
## Total number of counts: 63.83 ; SD 45.56
## 95% confidence interval: 1 - 154.9501
```


1#ilet fajou@morne a l'eau-2010



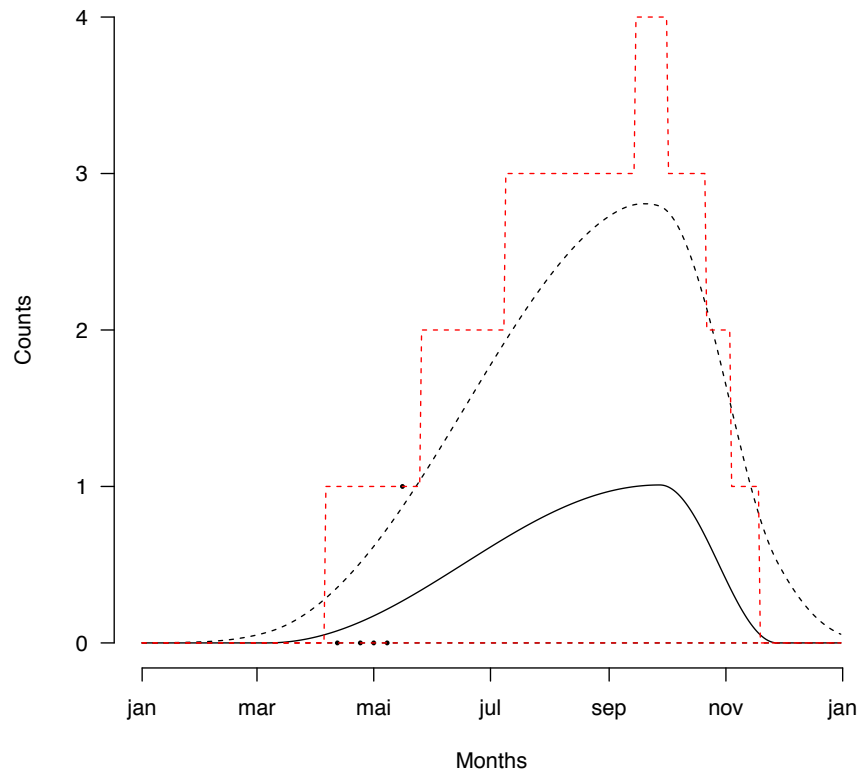
```
##
## Number of timeseries: 1
## -----
## 1#ilet fajou@morne a l'eau-2010
## -----
## Estimation without the observed data
## Total number of counts: 107.1957 ; SD 76.9697
## Estimation taking into account the observed data
## Total number of counts: 106.9067 ; SD 76.0604
## 95% confidence interval: 1 - 259.0275
```

1#ilet fajou@morne a l'eau-2011



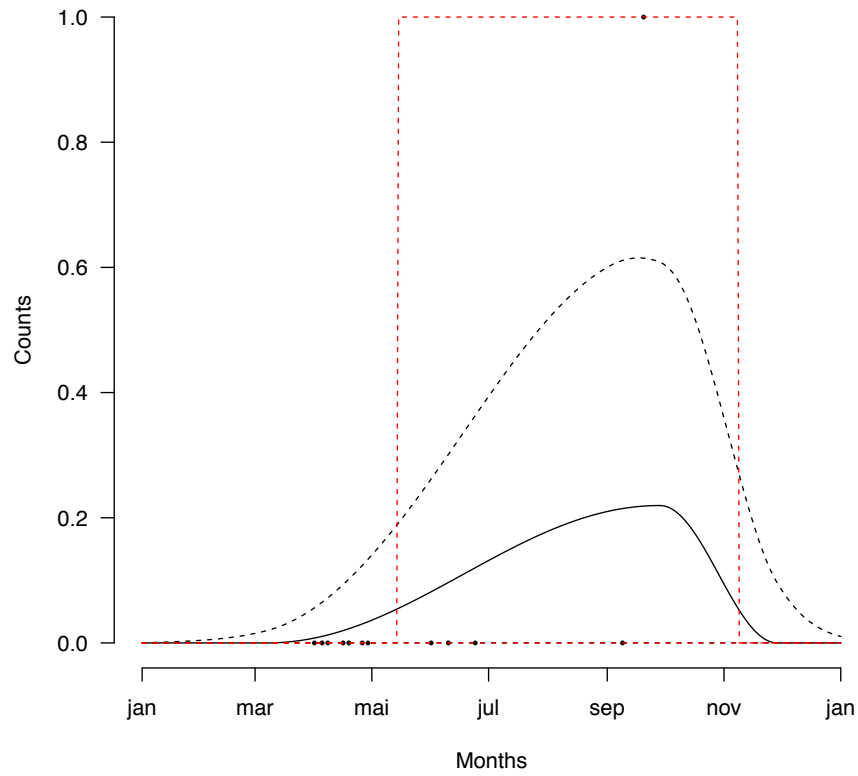
```
##
## Number of timeseries: 1
## -----
## 1#ilet fajou@morne a l'eau-2011
## -----
## Estimation without the observed data
## Total number of counts: 12.2183 ; SD 8.4591
## Estimation taking into account the observed data
## Total number of counts: 12.1139 ; SD 7.6985
## 95% confidence interval: 1 - 27.5108
```

1#ilet fajou@morne a l'eau-2012



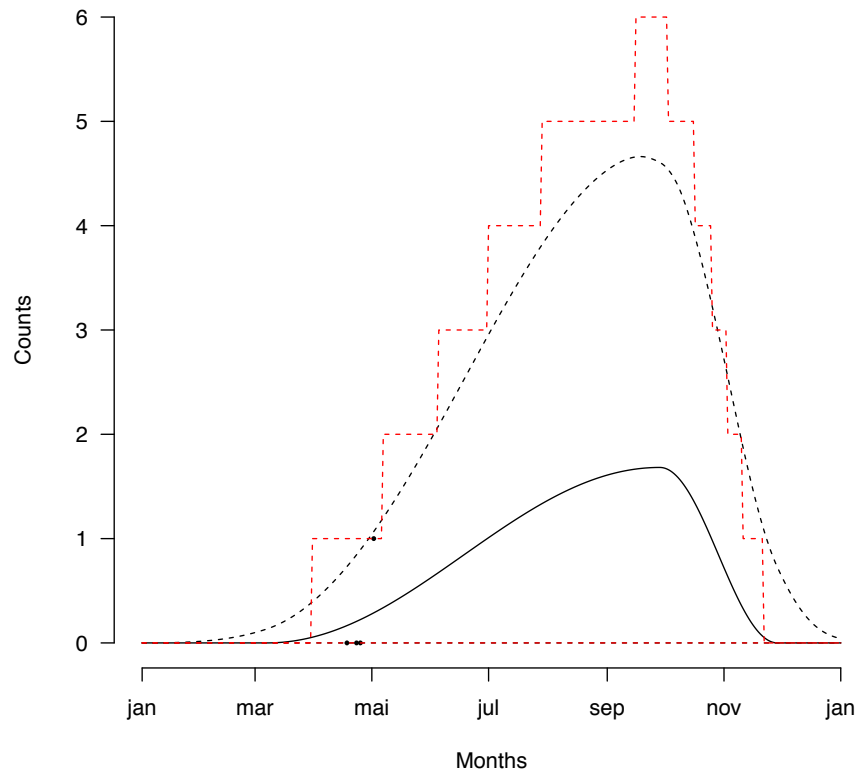
```
##
## Number of timeseries: 1
## -----
## 1#ilet fajou@morne a l'eau-2012
## -----
## Estimation without the observed data
## Total number of counts: 169.1876 ; SD 124.7542
## Estimation taking into account the observed data
## Total number of counts: 169.0562 ; SD 123.9038
## 95% confidence interval: 1 - 416.8639
```

1#ilet fajou@morne a l'eau-2013



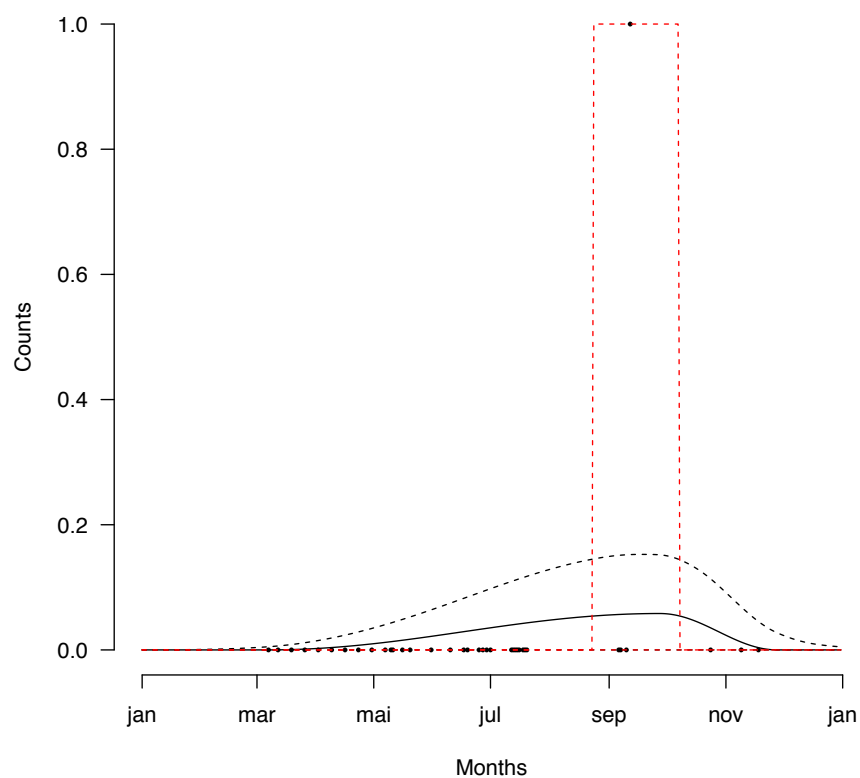
```
##
## Number of timeseries: 1
## -----
## 1#ilet fajou@morne a l'eau-2013
## -----
## Estimation without the observed data
## Total number of counts: 38.342 ; SD 27.6816
## Estimation taking into account the observed data
## Total number of counts: 38.1838 ; SD 26.8232
## 95% confidence interval: 1 - 91.8303
```

1#ilet fajou@morne a l'eau-2014



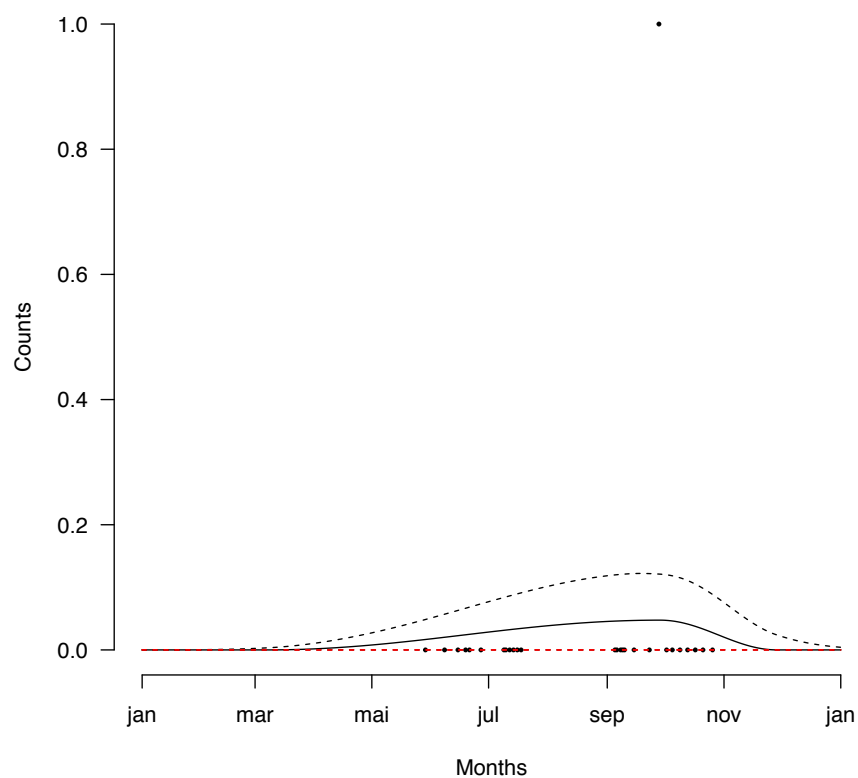
```
##
## Number of timeseries: 1
## -----
## 1#ilet fajou@morne a l'eau-2014
## -----
## Estimation without the observed data
## Total number of counts: 290.5423 ; SD 204.5547
## Estimation taking into account the observed data
## Total number of counts: 290.2846 ; SD 203.5943
## 95% confidence interval: 1 - 697.4731
```

1#la chapelle@anse bertrand-2008



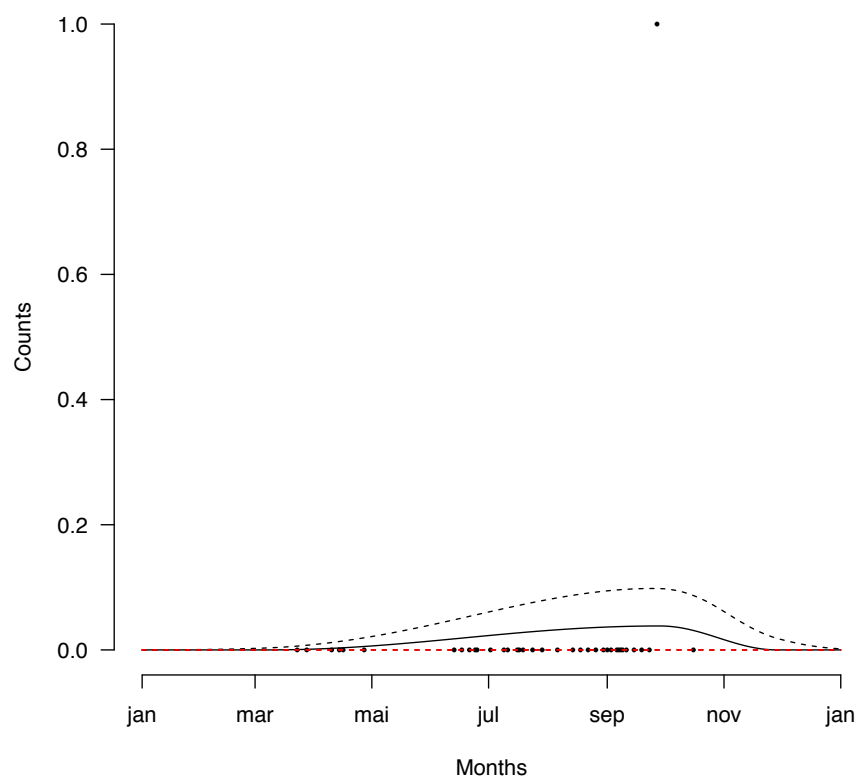
```
##
## Number of timeseries: 1
## -----
## 1#la chapelle@anse bertrand-2008
## -----
## Estimation without the observed data
## Total number of counts: 9.358 ; SD 6.6404
## Estimation taking into account the observed data
## Total number of counts: 9.1943 ; SD 5.8207
## 95% confidence interval: 1 - 20.8357
```

1#la chapelle@anse bertrand-2010



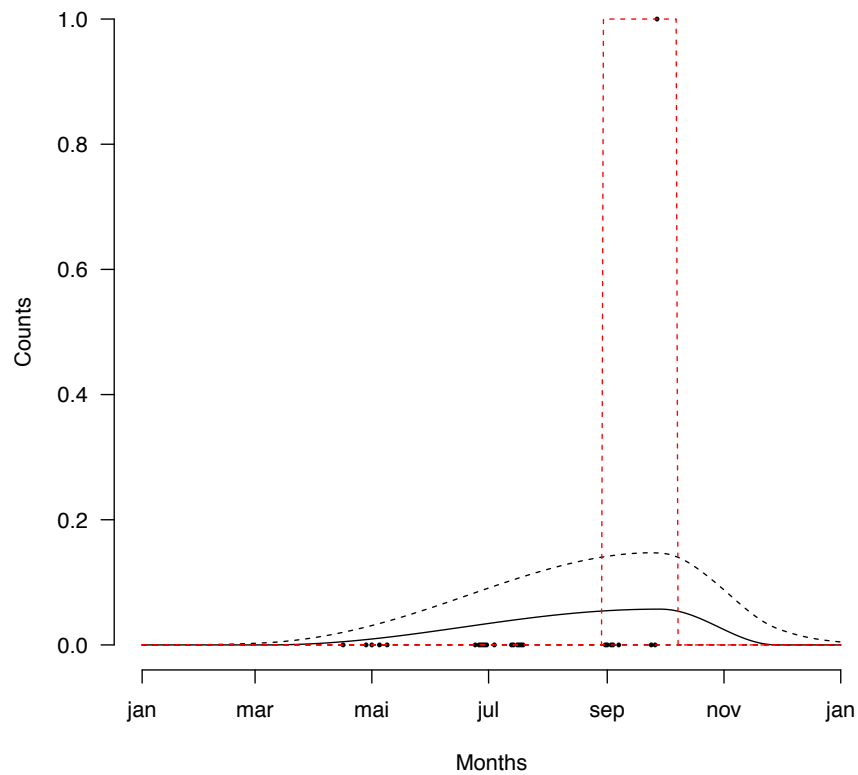
```
##
## Number of timeseries: 1
## -----
## 1#la chapelle@anse bertrand-2010
## -----
## Estimation without the observed data
## Total number of counts: 7.6082 ; SD 5.2317
## Estimation taking into account the observed data
## Total number of counts: 7.4794 ; SD 4.4703
## 95% confidence interval: 1 - 16.42
```

1#la chapelle@anse bertrand-2011



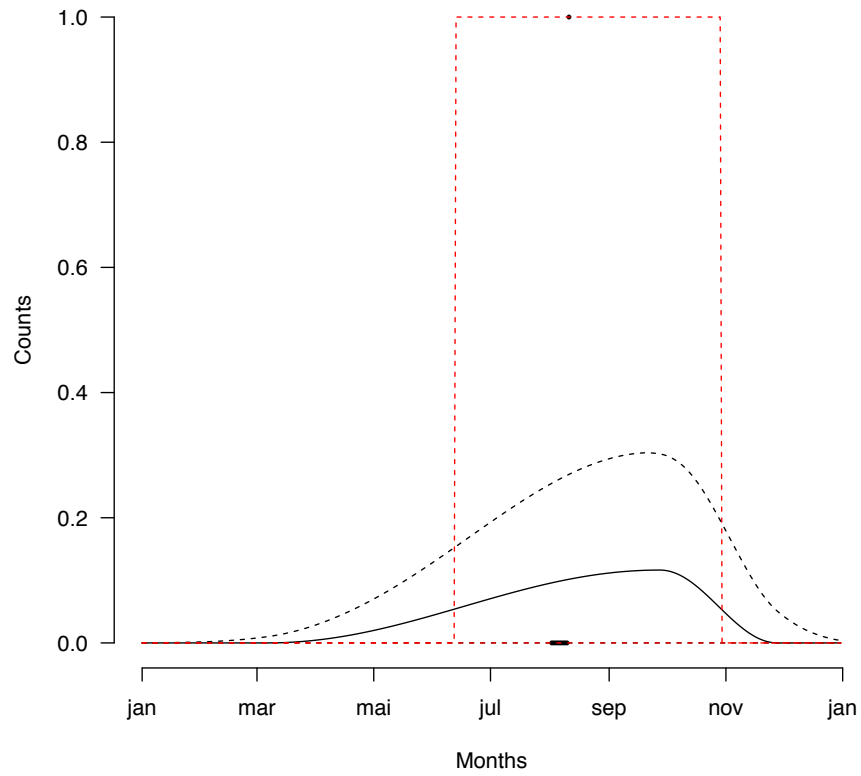
```
##
## Number of timeseries: 1
## -----
## 1#la chapelle@anse bertrand-2011
## -----
## Estimation without the observed data
## Total number of counts: 6.0207 ; SD 4.1729
## Estimation taking into account the observed data
## Total number of counts: 5.8898 ; SD 3.4099
## 95% confidence interval: 1 - 12.7097
```


1#la chapelle@anse bertrand-2014



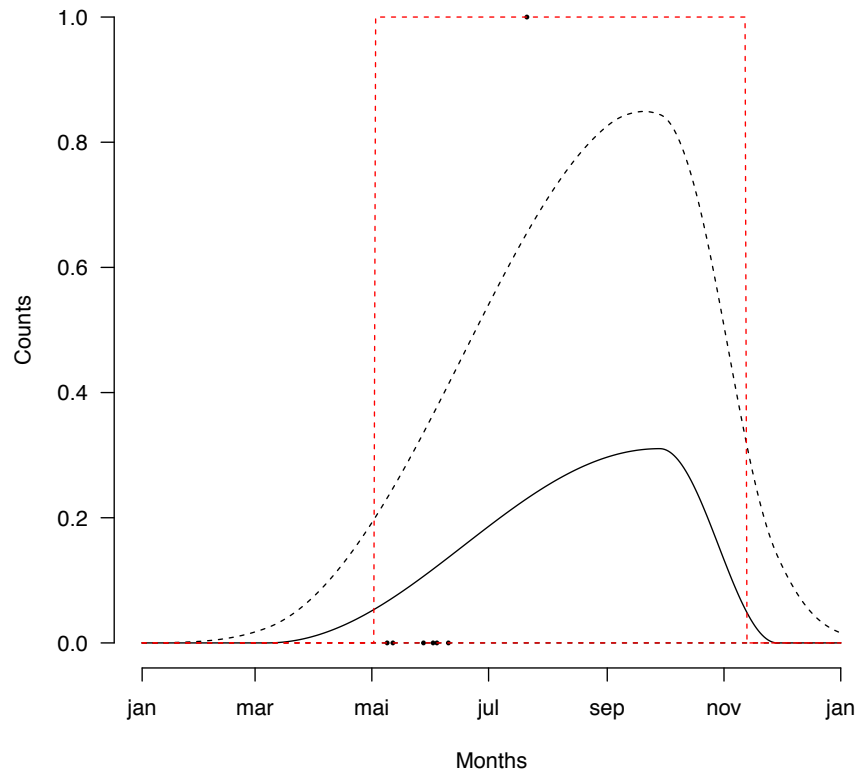
```
##
## Number of timeseries: 1
## -----
## 1#la chapelle@anse bertrand-2014
## -----
## Estimation without the observed data
## Total number of counts: 8.6291 ; SD 6.2185
## Estimation taking into account the observed data
## Total number of counts: 8.5588 ; SD 5.4605
## 95% confidence interval: 1 - 19.4798
```

1#les amandiers@sainte rose-2008



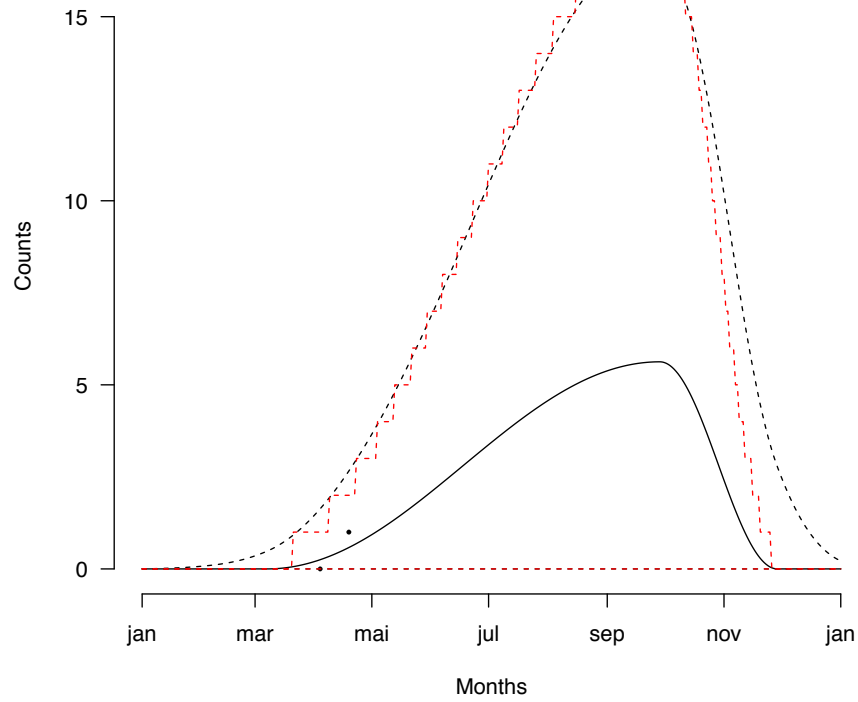
```
##
## Number of timeseries: 1
## -----
## 1#les amandiers@sainte rose-2008
## -----
## Estimation without the observed data
## Total number of counts: 18.5344 ; SD 13.1204
## Estimation taking into account the observed data
## Total number of counts: 18.3764 ; SD 12.3202
## 95% confidence interval: 1 - 43.0168
```

1#les amandiers@sainte rose-2009



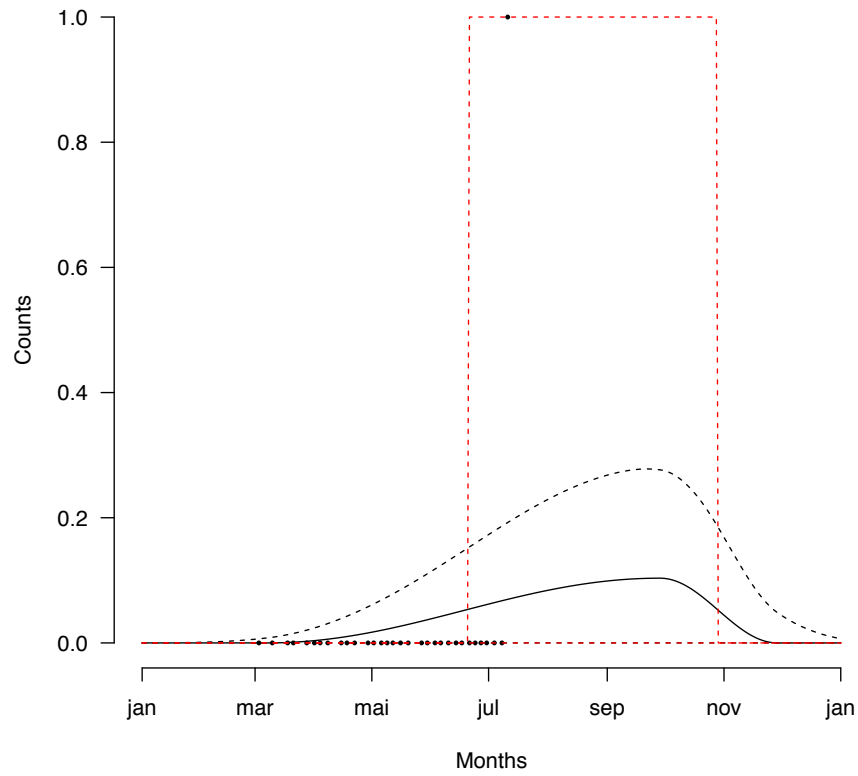
```
##
## Number of timeseries: 1
## -----
## 1#les amandiers@sainte rose-2009
## -----
## Estimation without the observed data
## Total number of counts: 52.7987 ; SD 37.9242
## Estimation taking into account the observed data
## Total number of counts: 52.6986 ; SD 37.1209
## 95% confidence interval: 1 - 126.9405
```

1#les amandiers@sainte rose-2010



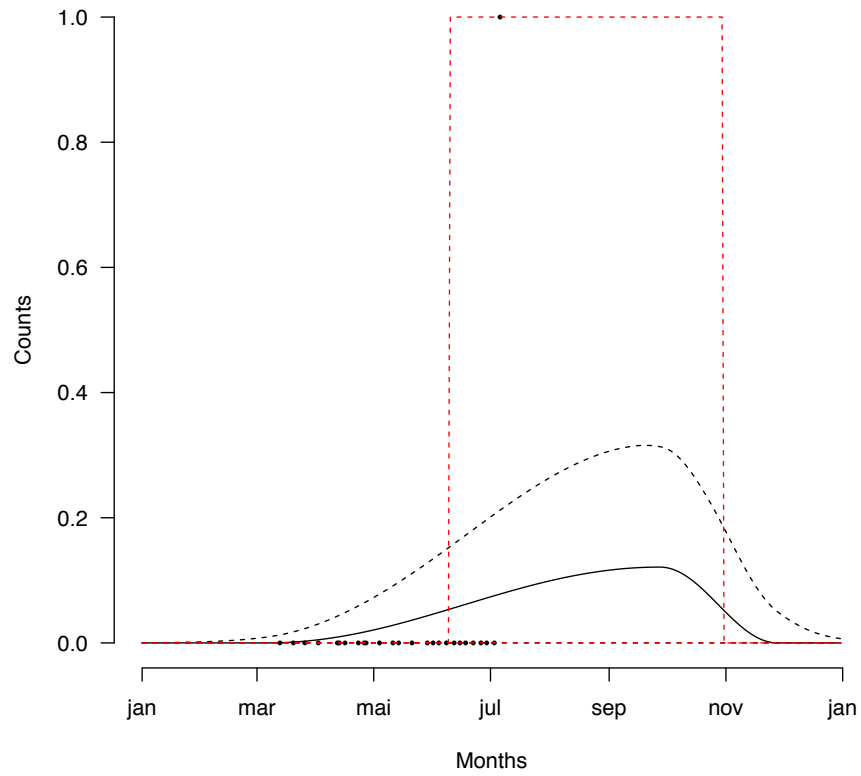
```
##
## Number of timeseries: 1
## -----
## 1#les amandiers@sainte rose-2010
## -----
## Estimation without the observed data
## Total number of counts: 1048.4434 ; SD 778.8748
## Estimation taking into account the observed data
## Total number of counts: 1048.0199 ; SD 777.7819
## 95% confidence interval: 1 - 2603.5837
```

1#les amandiers@sainte rose-2011



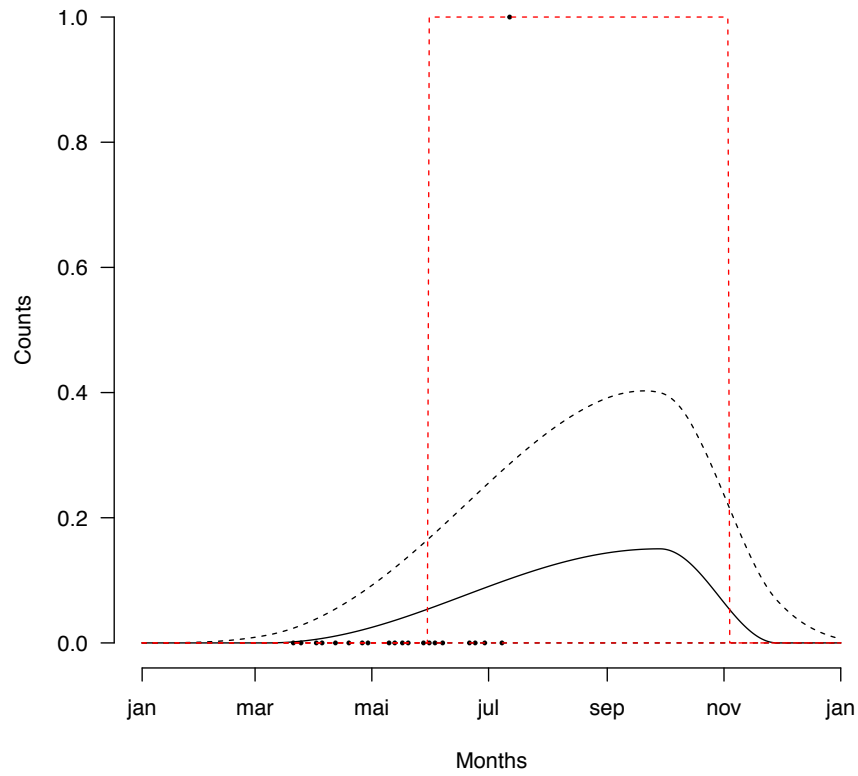
```
##
## Number of timeseries: 1
## -----
## 1#les amandiers@sainte rose-2011
## -----
## Estimation without the observed data
## Total number of counts: 16.2507 ; SD 12.1333
## Estimation taking into account the observed data
## Total number of counts: 16.1218 ; SD 11.3029
## 95% confidence interval: 1 - 38.7276
```

1#les amandiers@sainte rose-2012



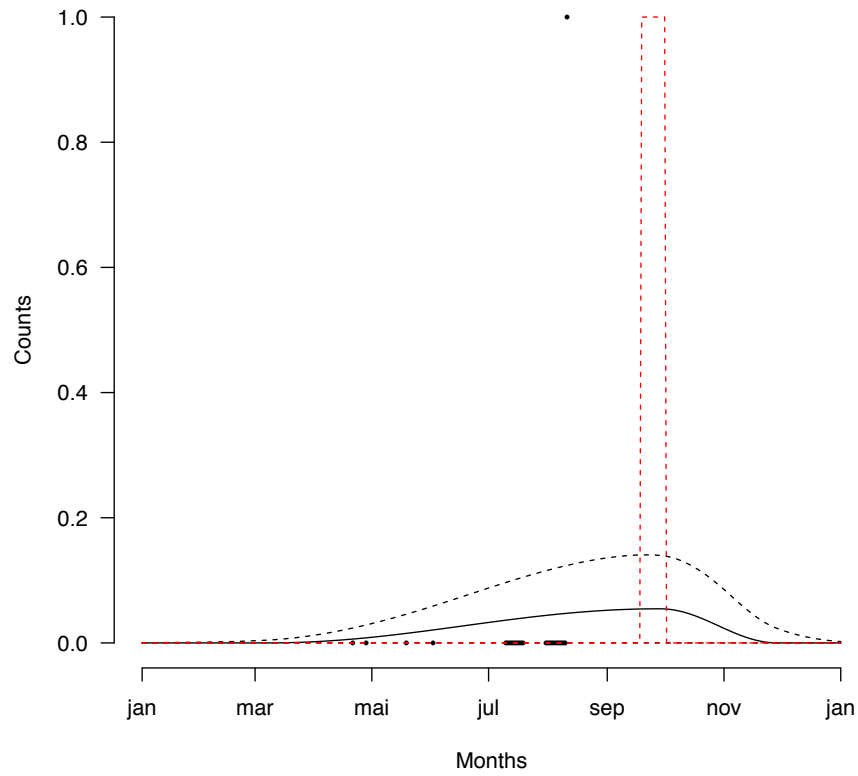
```
##
## Number of timeseries: 1
## -----
## 1#les amandiers@sainte rose-2012
## -----
## Estimation without the observed data
## Total number of counts: 19.3872 ; SD 13.4359
## Estimation taking into account the observed data
## Total number of counts: 19.2375 ; SD 12.6208
## 95% confidence interval: 1 - 44.4792
```

1#les amandiers@sainte rose-2013



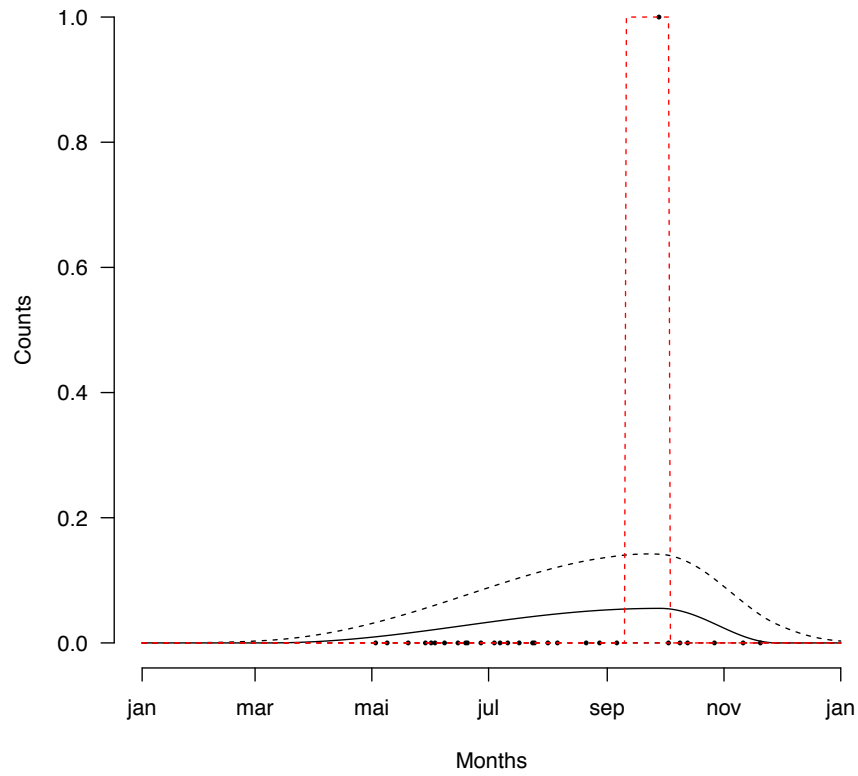
```
##
## Number of timeseries: 1
## -----
## 1#les amandiers@sainte rose-2013
## -----
## Estimation without the observed data
## Total number of counts: 23.834 ; SD 17.5699
## Estimation taking into account the observed data
## Total number of counts: 23.7002 ; SD 16.723
## 95% confidence interval: 1 - 57.1462
```

1#manbia@sainte rose-2009



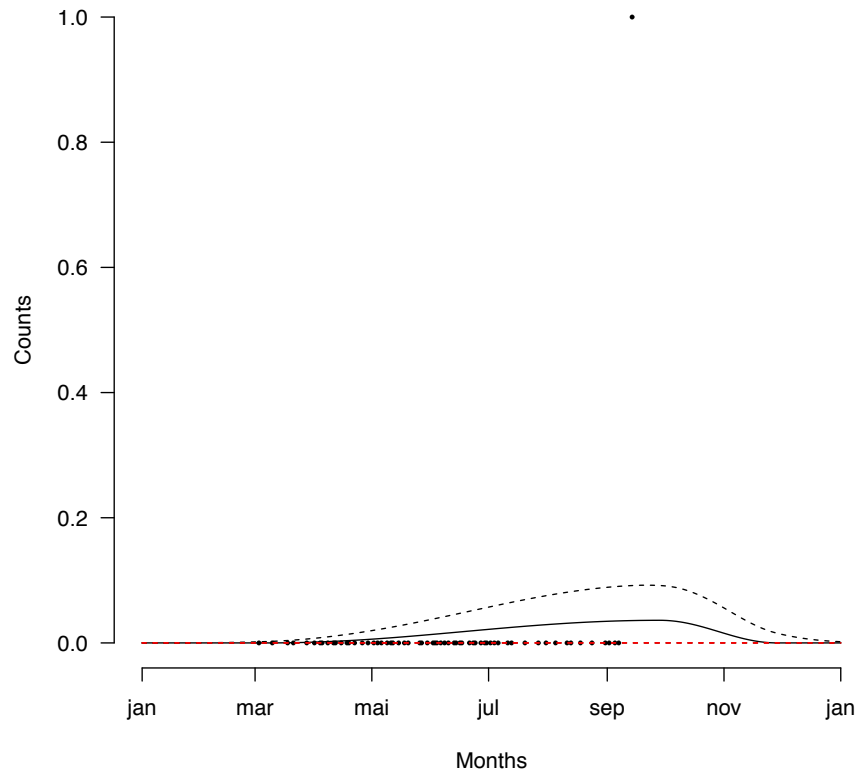
```
##
## Number of timeseries: 1
## -----
## 1#manbia@sainte rose-2009
## -----
## Estimation without the observed data
## Total number of counts: 8.7684 ; SD 5.9037
## Estimation taking into account the observed data
## Total number of counts: 8.5983 ; SD 5.1287
## 95% confidence interval: 1 - 18.8557
```


1#manbia@sainte rose-2010



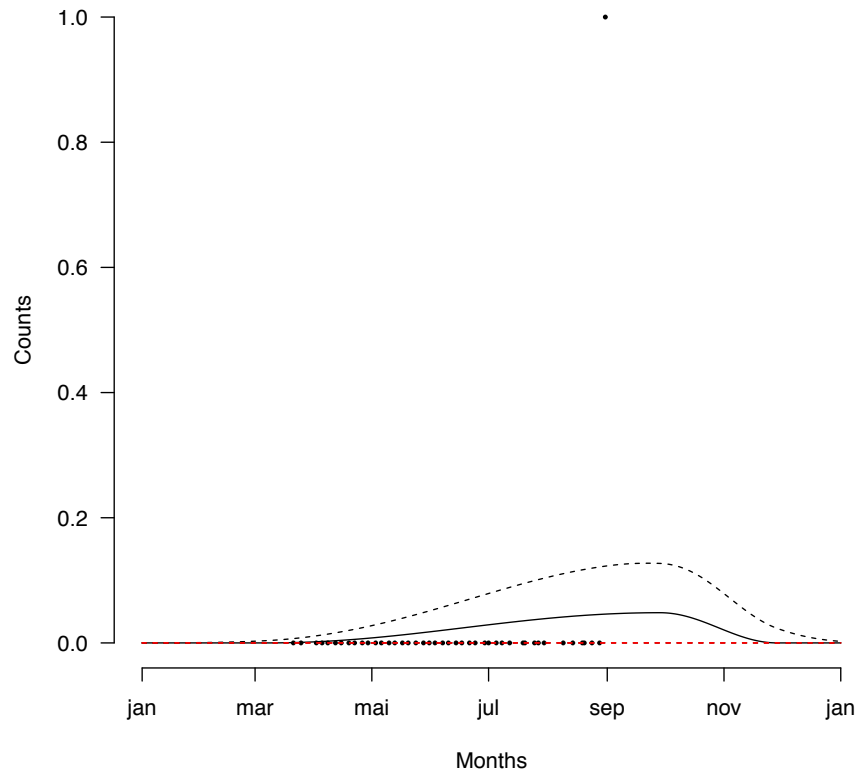
```
##
## Number of timeseries: 1
## -----
## 1#manbia@sainte rose-2010
## -----
## Estimation without the observed data
## Total number of counts: 8.8846 ; SD 6.0263
## Estimation taking into account the observed data
## Total number of counts: 8.7437 ; SD 5.2606
## 95% confidence interval: 1 - 19.2649
```

1#manbia@sainte rose-2011



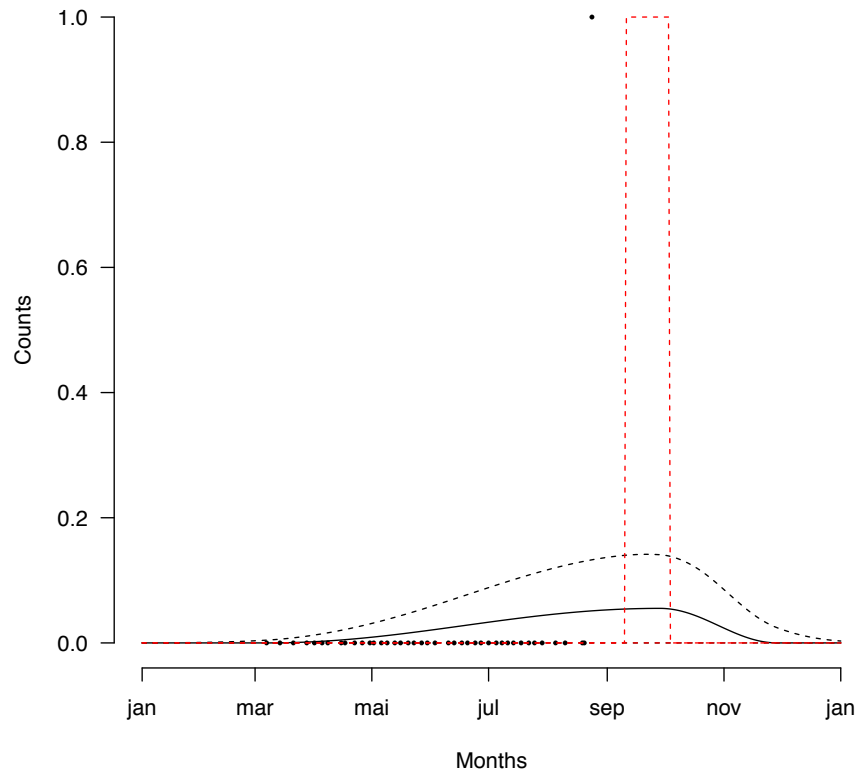
```
##
## Number of timeseries: 1
## -----
## 1#manbia@sainte rose-2011
## -----
## Estimation without the observed data
## Total number of counts: 5.6023 ; SD 3.8899
## Estimation taking into account the observed data
## Total number of counts: 5.4919 ; SD 3.1355
## 95% confidence interval: 1 - 11.7629
```

1#manbia@sainte rose-2013



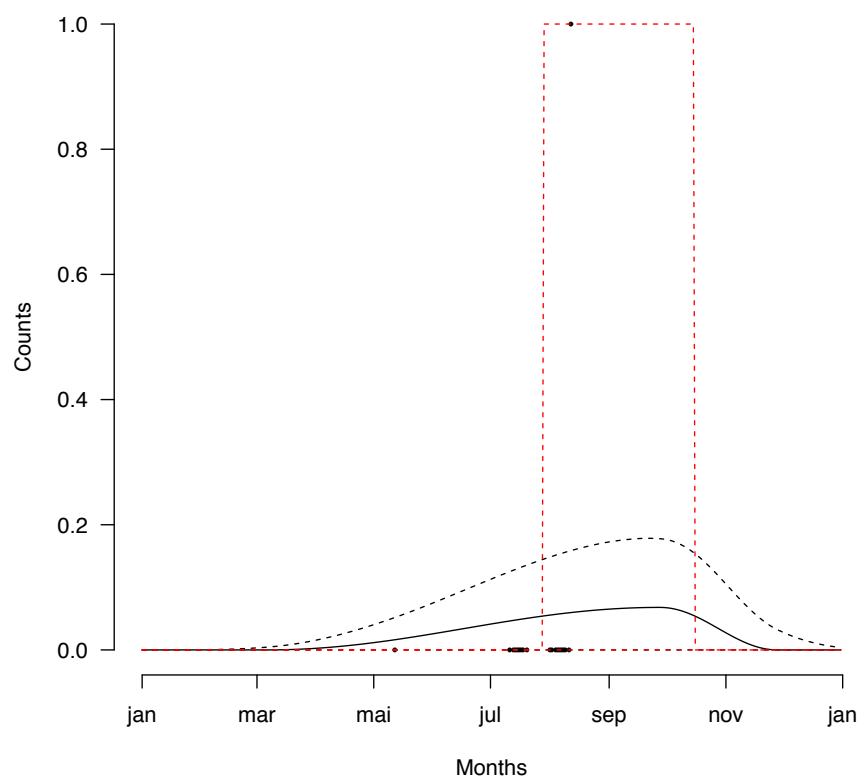
```
##
## Number of timeseries: 1
## -----
## 1#manbia@sainte rose-2013
## -----
## Estimation without the observed data
## Total number of counts: 7.659 ; SD 5.5057
## Estimation taking into account the observed data
## Total number of counts: 7.5281 ; SD 4.7151
## 95% confidence interval: 1 - 16.9584
```

1#manbia@sainte rose-2014



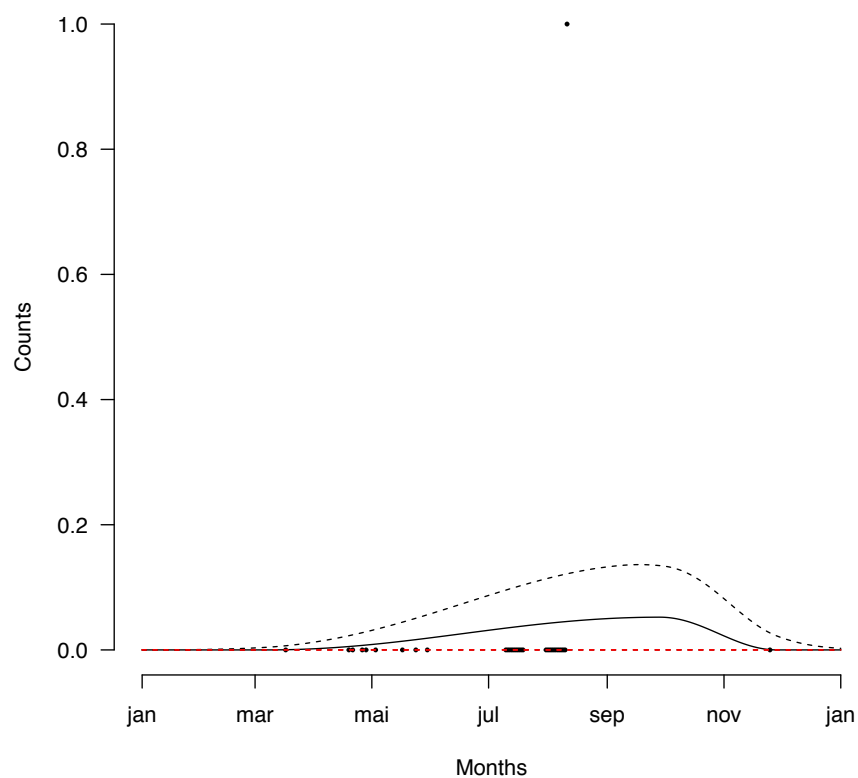
```
##
## Number of timeseries: 1
## -----
## 1#manbia@sainte rose-2014
## -----
## Estimation without the observed data
## Total number of counts: 8.7384 ; SD 6.01
## Estimation taking into account the observed data
## Total number of counts: 8.6088 ; SD 5.241
## 95% confidence interval: 1 - 19.0908
```

1#pointe allegre@sainte rose-2008



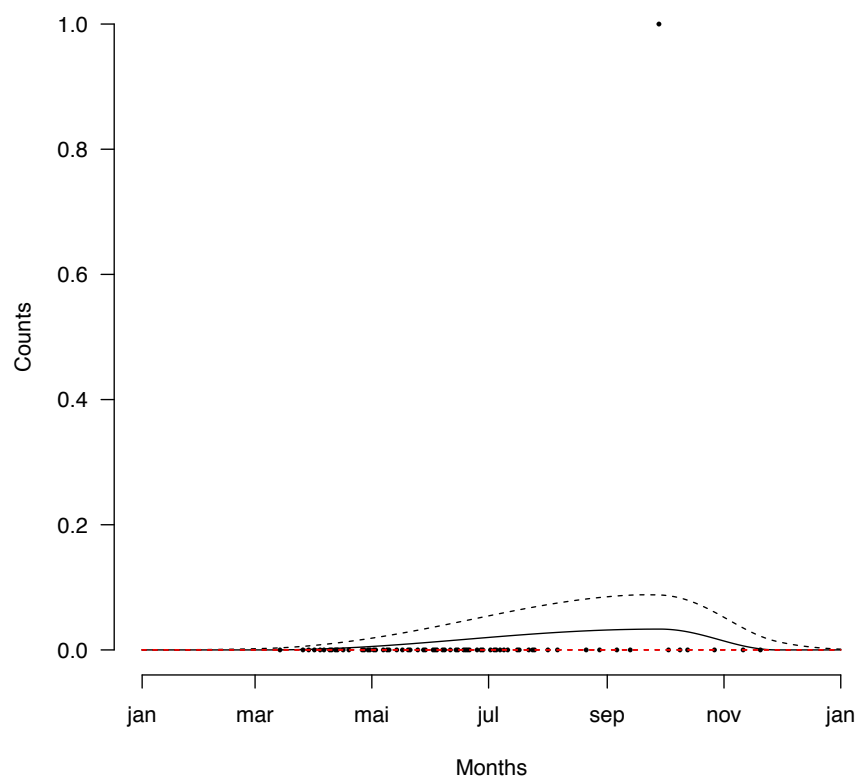
```
##
## Number of timeseries: 1
## -----
## 1#pointe allegre@sainte rose-2008
## -----
## Estimation without the observed data
## Total number of counts: 10.9908 ; SD 7.7647
## Estimation taking into account the observed data
## Total number of counts: 10.8264 ; SD 6.9642
## 95% confidence interval: 1 - 24.7548
```

1#pointe allegre@sainte rose-2009



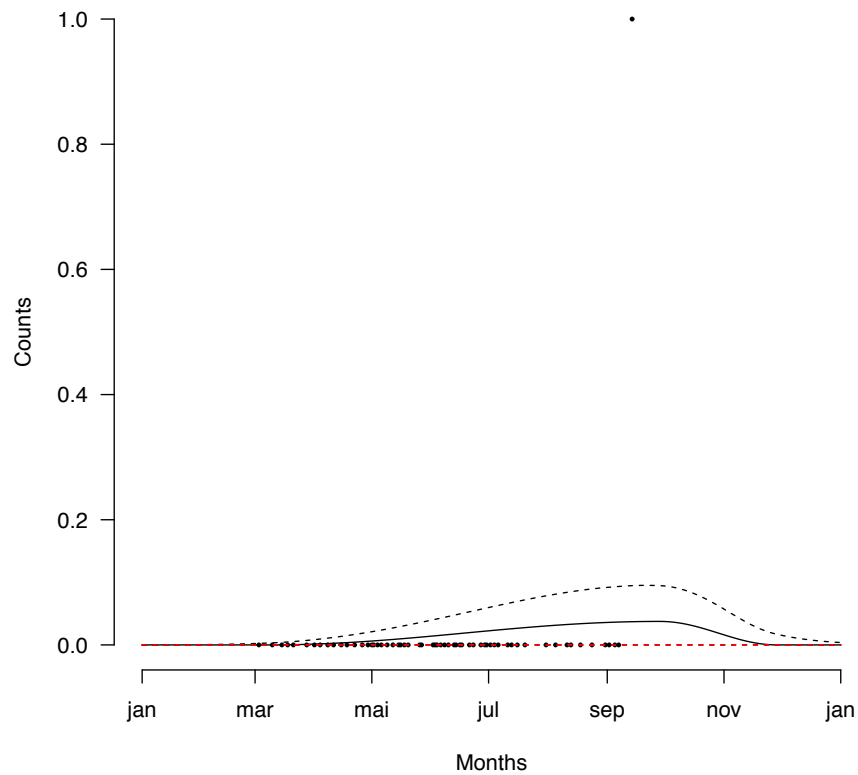
```
##
## Number of timeseries: 1
## -----
## 1#pointe allegre@sainte rose-2009
## -----
## Estimation without the observed data
## Total number of counts: 8.5648 ; SD 5.8319
## Estimation taking into account the observed data
## Total number of counts: 8.3528 ; SD 5.0147
## 95% confidence interval: 1 - 18.3821
```

1#pointe allegre@sainte rose-2010



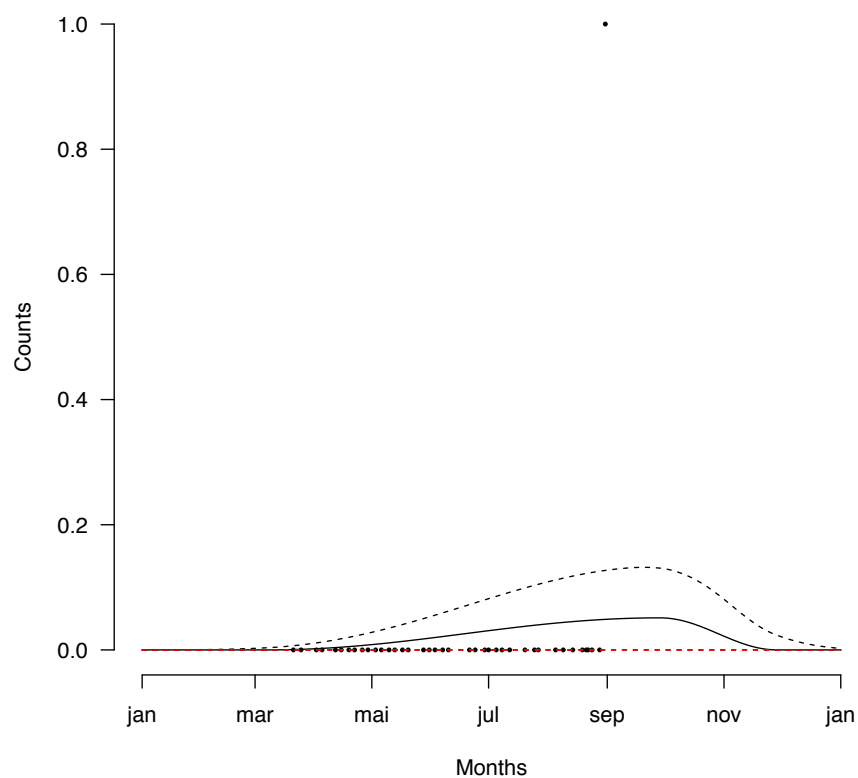
```
##
## Number of timeseries: 1
## -----
## 1#pointe allegre@sainte rose-2010
## -----
## Estimation without the observed data
## Total number of counts: 5.2545 ; SD 3.7279
## Estimation taking into account the observed data
## Total number of counts: 5.1133 ; SD 2.928
## 95% confidence interval: 1 - 10.9692
```

1#pointe allegre@sainte rose-2011



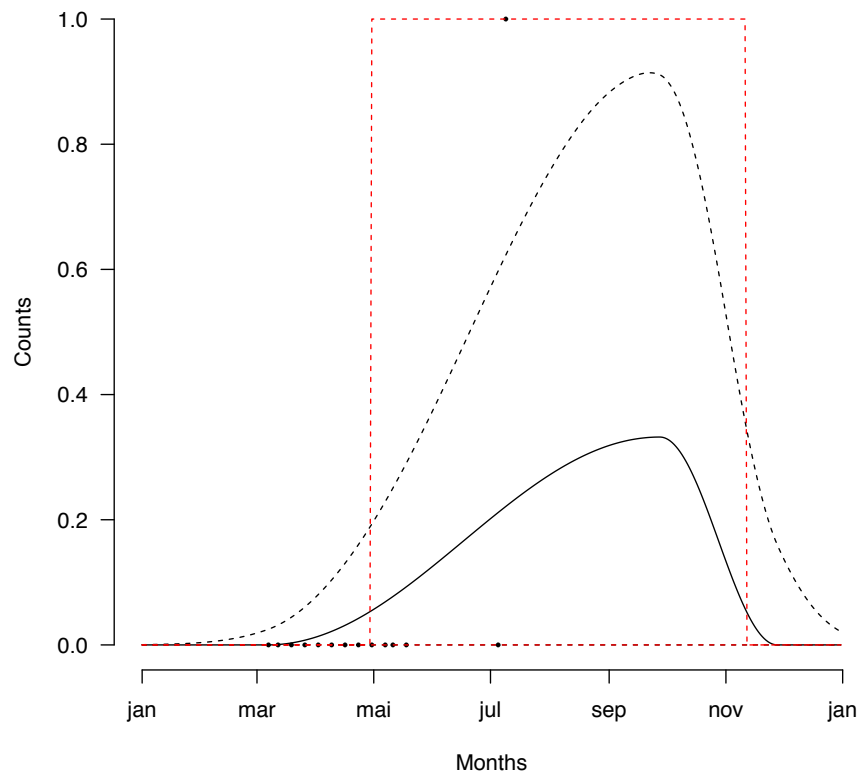
```
##
## Number of timeseries: 1
## -----
## 1#pointe allegre@sainte rose-2011
## -----
## Estimation without the observed data
## Total number of counts: 5.8411 ; SD 4.0061
## Estimation taking into account the observed data
## Total number of counts: 5.7242 ; SD 3.2493
## 95% confidence interval: 1 - 12.2228
```


1#pointe allegre@sainte rose-2013



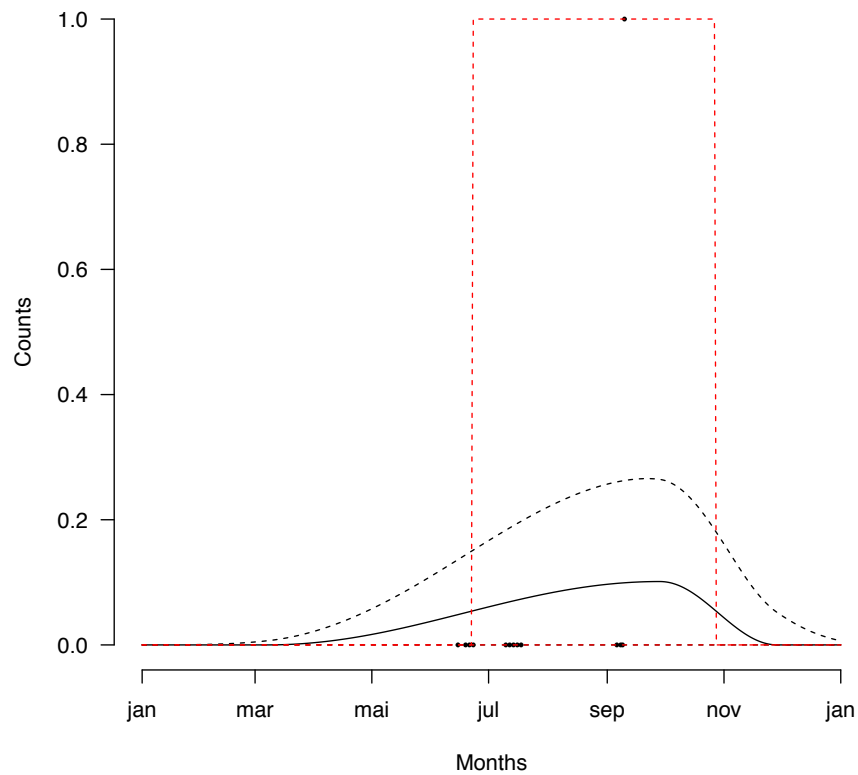
```
##
## Number of timeseries: 1
## -----
## 1#pointe allegre@sainte rose-2013
## -----
## Estimation without the observed data
## Total number of counts: 7.7638 ; SD 5.5237
## Estimation taking into account the observed data
## Total number of counts: 7.679 ; SD 4.7641
## 95% confidence interval: 1 - 17.2072
```

1#pointe d'antique;cimetiere@port louis-2008



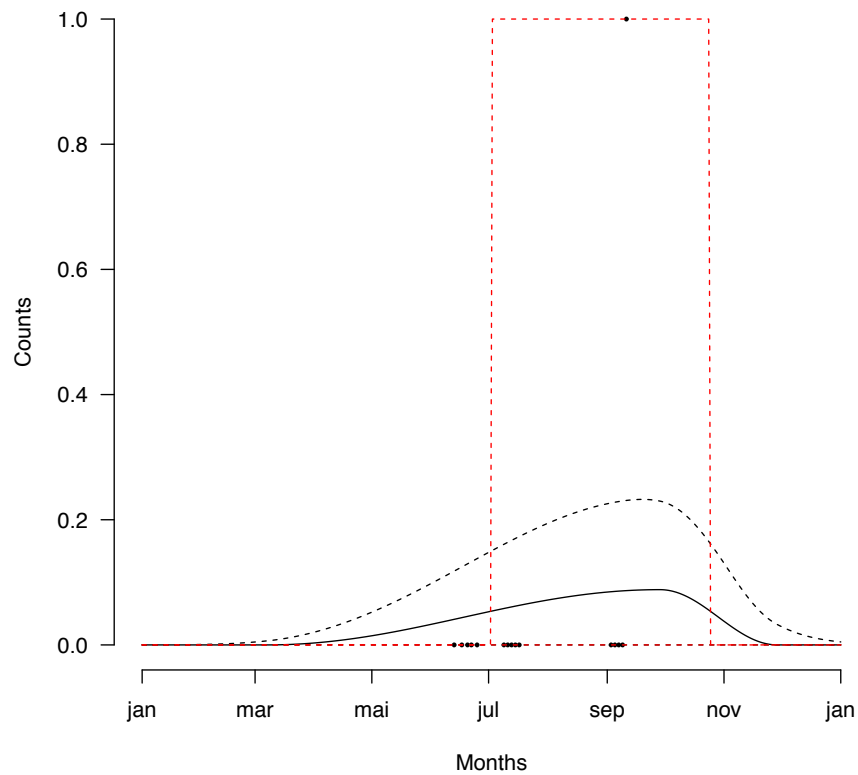
```
##
## Number of timeseries: 1
## -----
## 1#pointe d'antique;cimetiere@port louis-2008
## -----
## Estimation without the observed data
## Total number of counts: 53.9899 ; SD 40.1578
## Estimation taking into account the observed data
## Total number of counts: 53.9112 ; SD 39.3661
## 95% confidence interval: 1 - 132.6435
```

1#pointe d'antique;cimetiere@port louis-2010



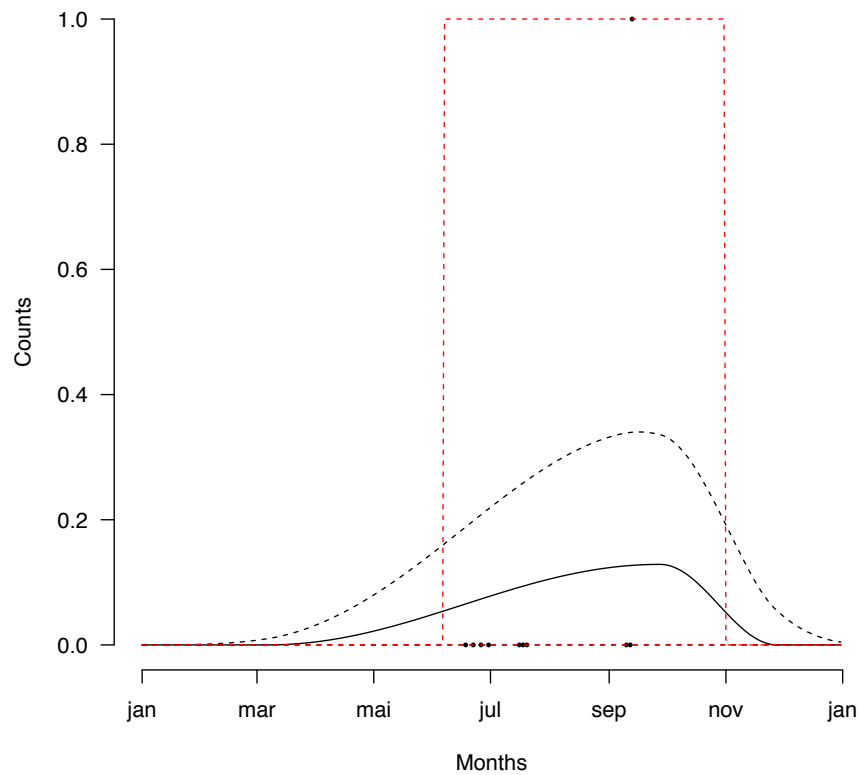
```
##
## Number of timeseries: 1
## -----
## 1#pointe d'antique;cimetiere@port louis-2010
## -----
## Estimation without the observed data
## Total number of counts: 16.0225 ; SD 11.5194
## Estimation taking into account the observed data
## Total number of counts: 15.9108 ; SD 10.7358
## 95% confidence interval: 1 - 37.3823
```

1#pointe d'antique;cimetiere@port louis-2011



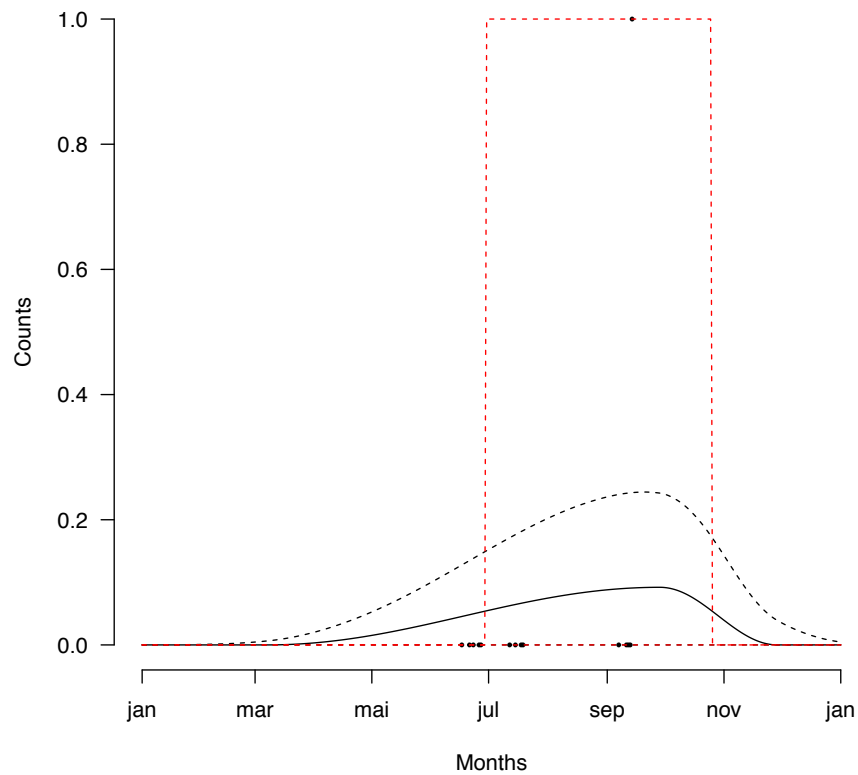
```
##
## Number of timeseries: 1
## -----
## 1#pointe d'antique;cimetiere@port louis-2011
## -----
## Estimation without the observed data
## Total number of counts: 13.4931 ; SD 9.9565
## Estimation taking into account the observed data
## Total number of counts: 13.3997 ; SD 9.1501
## 95% confidence interval: 1 - 31.7
```

1#pointe d'antigue;cimetiere@port louis-2012



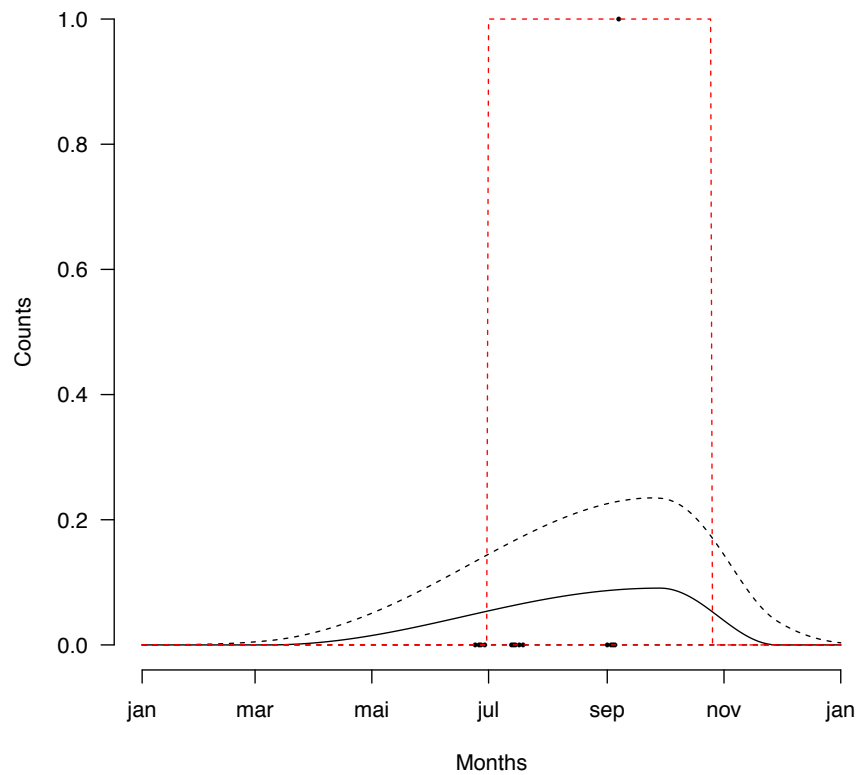
```
##
## Number of timeseries: 1
## -----
## 1#pointe d'antigue;cimetiere@port louis-2012
## -----
## Estimation without the observed data
## Total number of counts: 20.7002 ; SD 14.7323
## Estimation taking into account the observed data
## Total number of counts: 20.5691 ; SD 13.9282
## 95% confidence interval: 1 - 48.4255
```

1#pointe d'antigue;cimetiere@port louis-2013



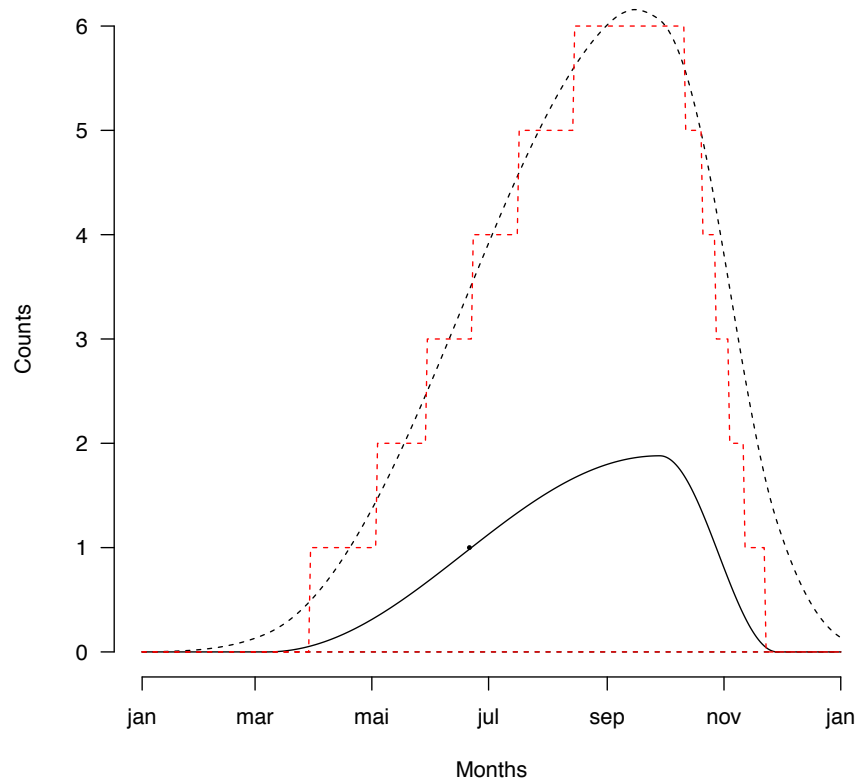
```
##
## Number of timeseries: 1
## -----
## 1#pointe d'antigue;cimetiere@port louis-2013
## -----
## Estimation without the observed data
## Total number of counts: 15.0044 ; SD 10.4243
## Estimation taking into account the observed data
## Total number of counts: 14.8418 ; SD 9.6248
## 95% confidence interval: 1 - 34.0913
```

1#pointe d'antigue;cimetiere@port louis-2014



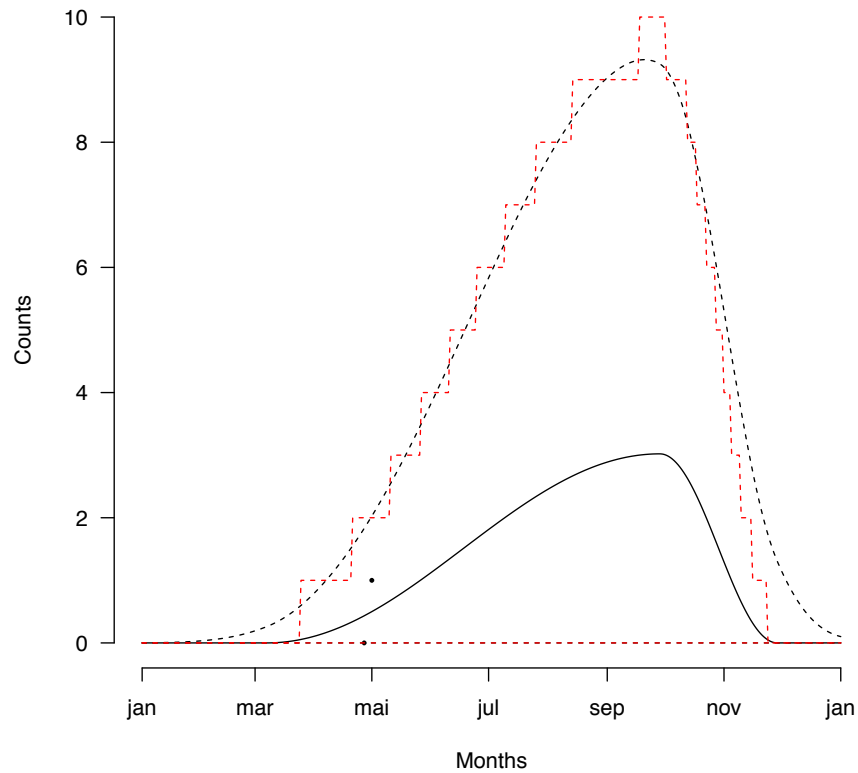
```
##
## Number of timeseries: 1
## -----
## 1#pointe d'antigue;cimetiere@port louis-2014
## -----
## Estimation without the observed data
## Total number of counts: 14.5703 ; SD 9.9198
## Estimation taking into account the observed data
## Total number of counts: 14.4304 ; SD 9.1599
## 95% confidence interval: 1 - 32.7501
```

1#pointe de la fontaine;pointe plate@anse bertrand-2011



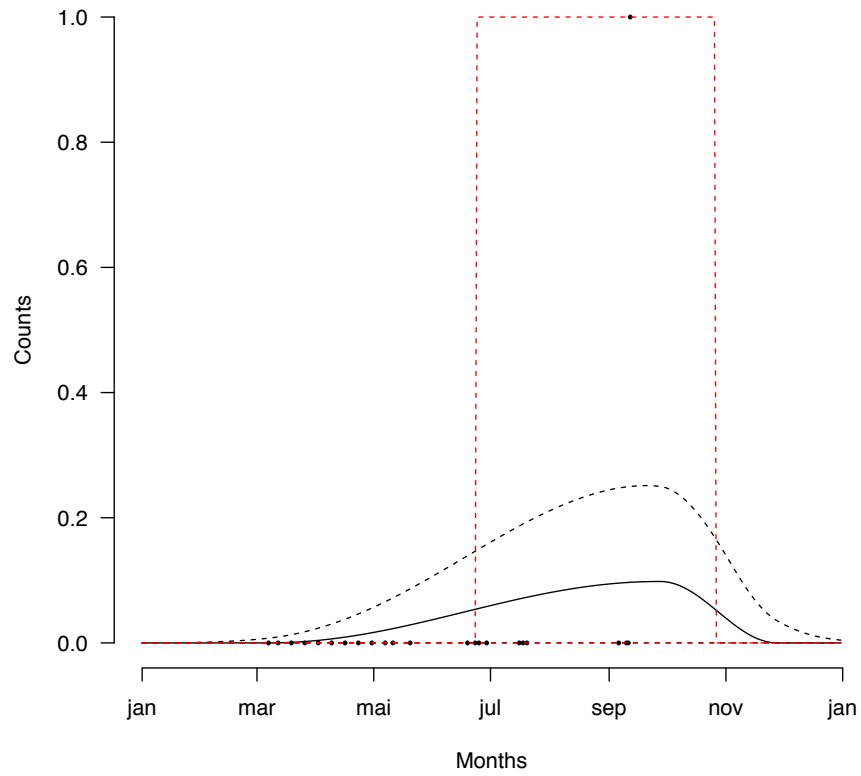
```
##
## Number of timeseries: 1
## -----
## 1#pointe de la fontaine;pointe plate@anse bertrand-2011
## -----
## Estimation without the observed data
## Total number of counts: 400.1557 ; SD 297.9705
## Estimation taking into account the observed data
## Total number of counts: 399.6055 ; SD 296.8043
## 95% confidence interval: 1 - 993.214
```


1#pointe plate@anse bertrand-2014



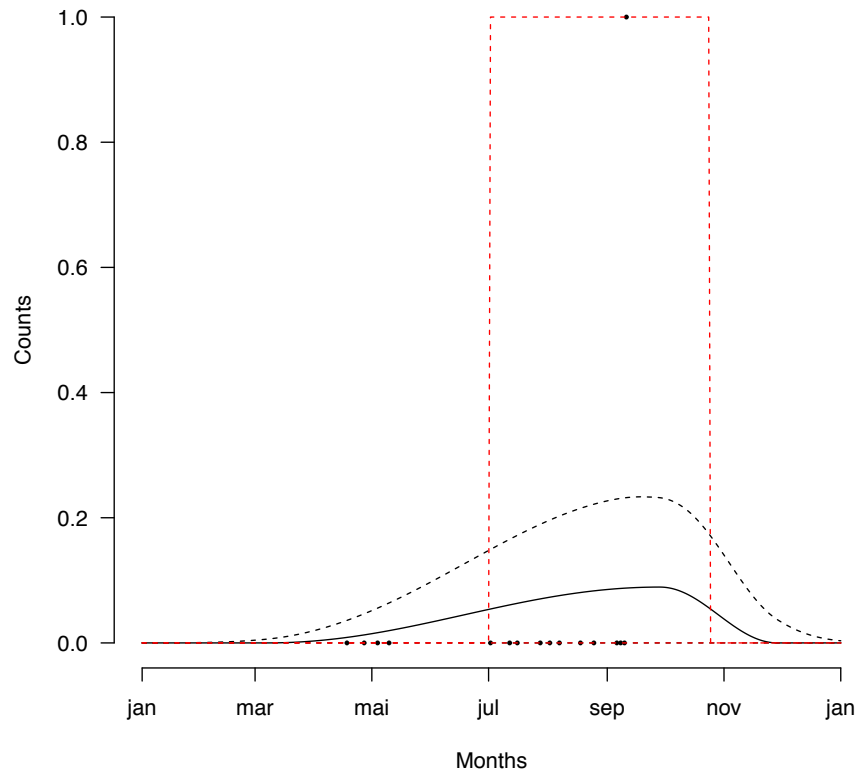
```
##
## Number of timeseries: 1
## -----
## 1#pointe plate@anse bertrand-2014
## -----
## Estimation without the observed data
## Total number of counts: 574.589 ; SD 428.8398
## Estimation taking into account the observed data
## Total number of counts: 574.1335 ; SD 427.7316
## 95% confidence interval: 1 - 1429.5968
```

1#port louis sud@port louis-2008



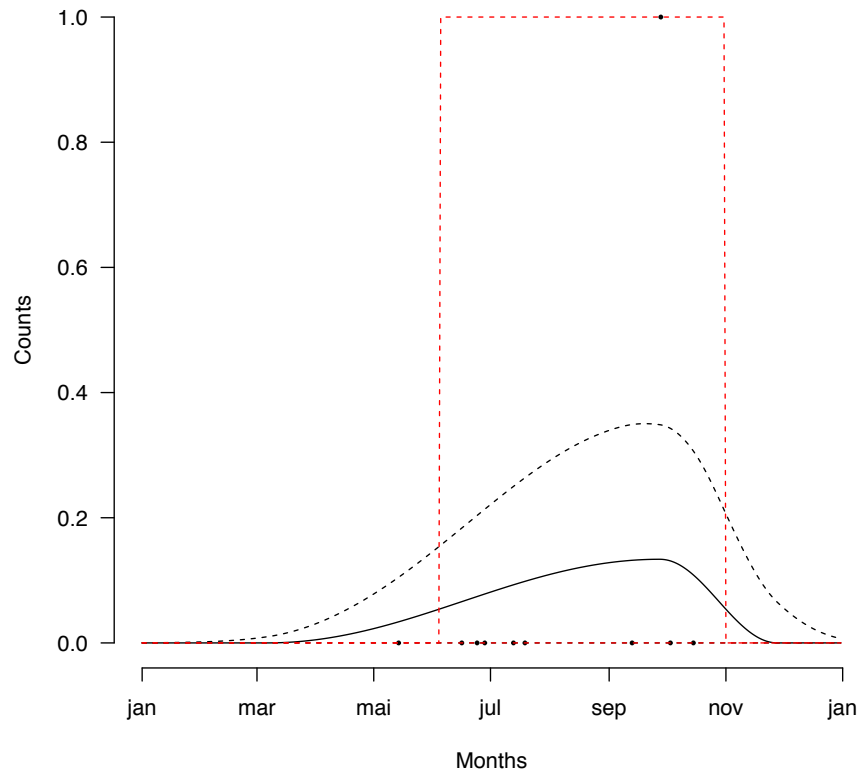
```
##
## Number of timeseries: 1
## -----
## 1#port louis sud@port louis-2008
## -----
## Estimation without the observed data
## Total number of counts: 15.0698 ; SD 10.5432
## Estimation taking into account the observed data
## Total number of counts: 14.967 ; SD 9.77
## 95% confidence interval: 1 - 34.5069
```

1#port louis sud@port louis-2011



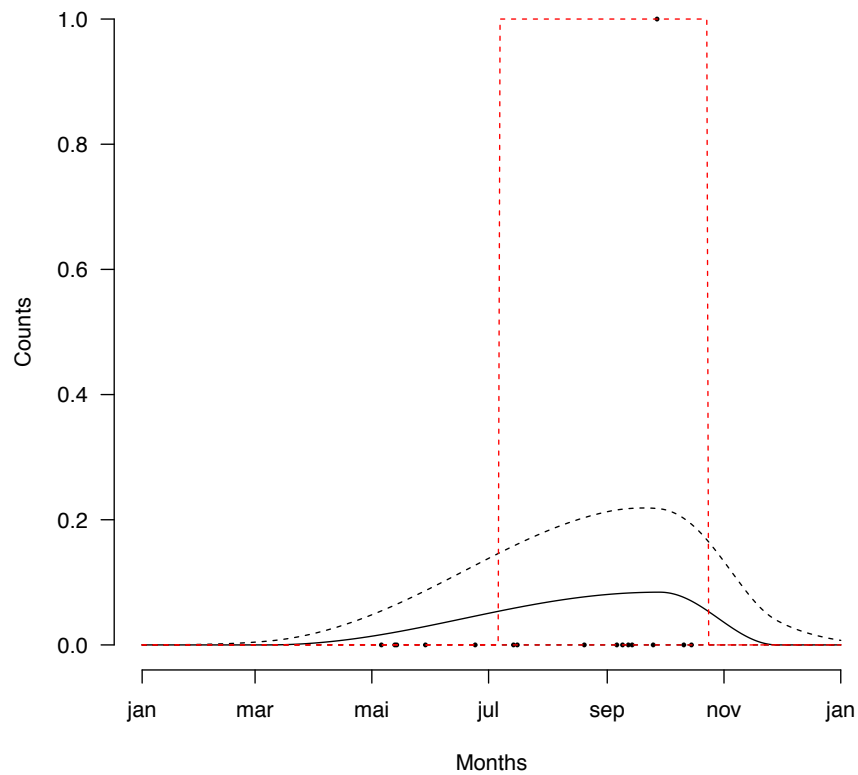
```
##
## Number of timeseries: 1
## -----
## 1#port louis sud@port louis-2011
## -----
## Estimation without the observed data
## Total number of counts: 14.7528 ; SD 10.0299
## Estimation taking into account the observed data
## Total number of counts: 14.5587 ; SD 9.2294
## 95% confidence interval: 1 - 33.0175
```

1#port louis sud@port louis-2012



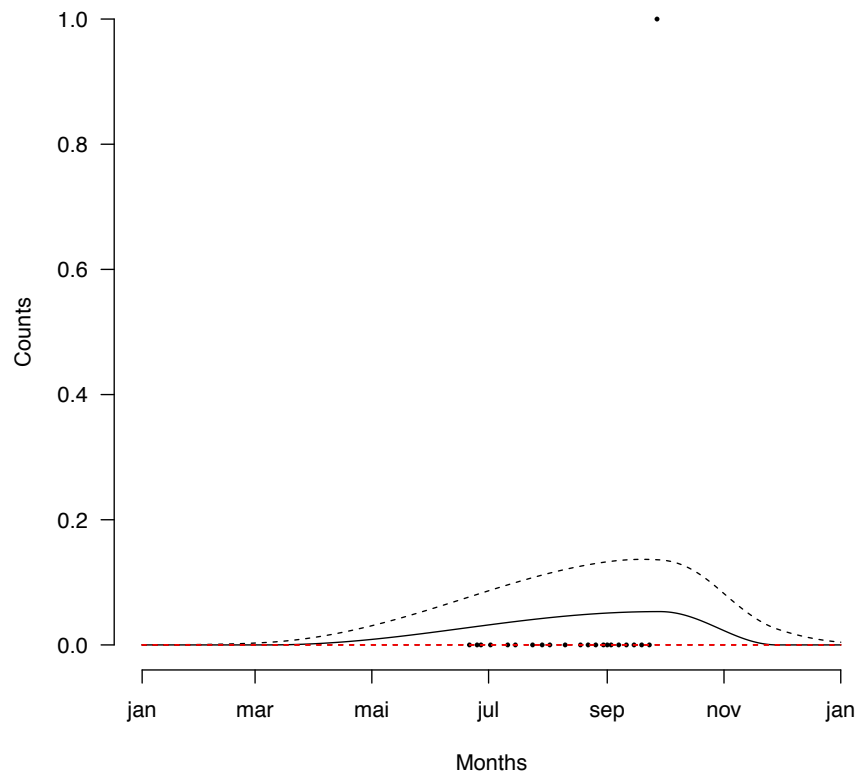
```
##
## Number of timeseries: 1
## -----
## 1#port louis sud@port louis-2012
## -----
## Estimation without the observed data
## Total number of counts: 20.8353 ; SD 15.0897
## Estimation taking into account the observed data
## Total number of counts: 20.7775 ; SD 14.3329
## 95% confidence interval: 1 - 49.4434
```

1#port louis sud@port louis-2013



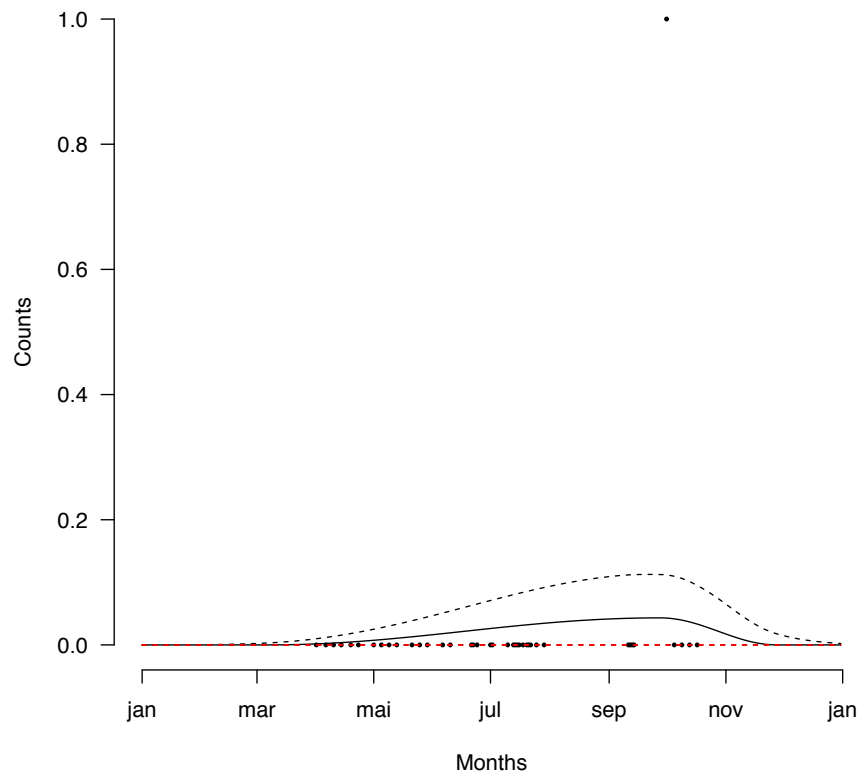
```
##
## Number of timeseries: 1
## -----
## 1#port louis sud@port louis-2013
## -----
## Estimation without the observed data
## Total number of counts: 13.3208 ; SD 9.4263
## Estimation taking into account the observed data
## Total number of counts: 13.2085 ; SD 8.6511
## 95% confidence interval: 1 - 30.5107
```

1#trou madame louis@anse bertrand-2011



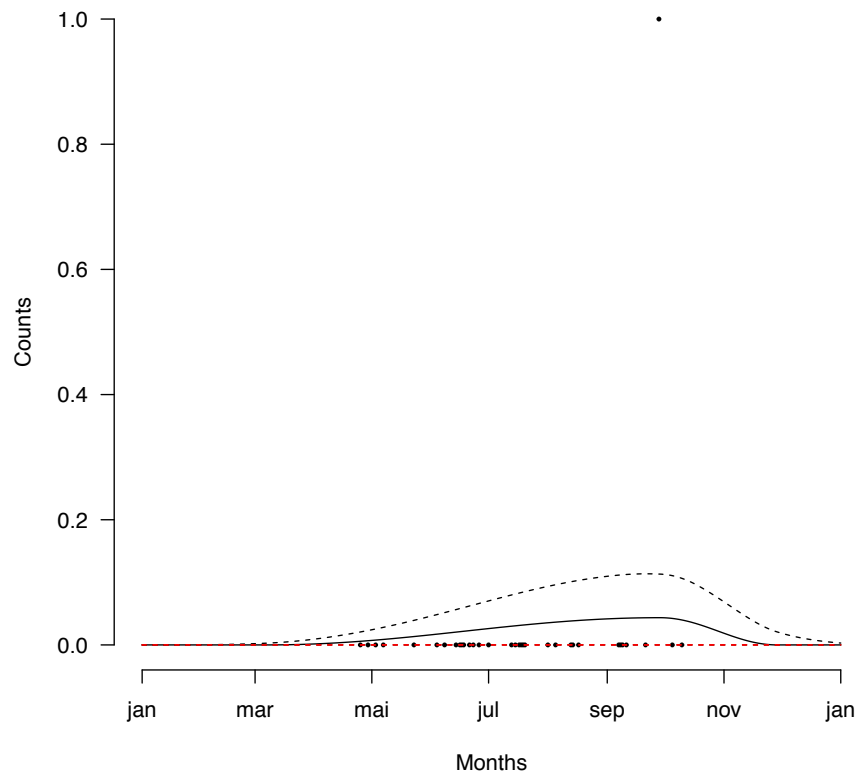
```
##
## Number of timeseries: 1
## -----
## 1#trou madame louis@anse bertrand-2011
## -----
## Estimation without the observed data
## Total number of counts: 8.5122 ; SD 5.7957
## Estimation taking into account the observed data
## Total number of counts: 8.358 ; SD 5.0219
## 95% confidence interval: 1 - 18.4017
```

1#trou madame louis@anse bertrand-2012



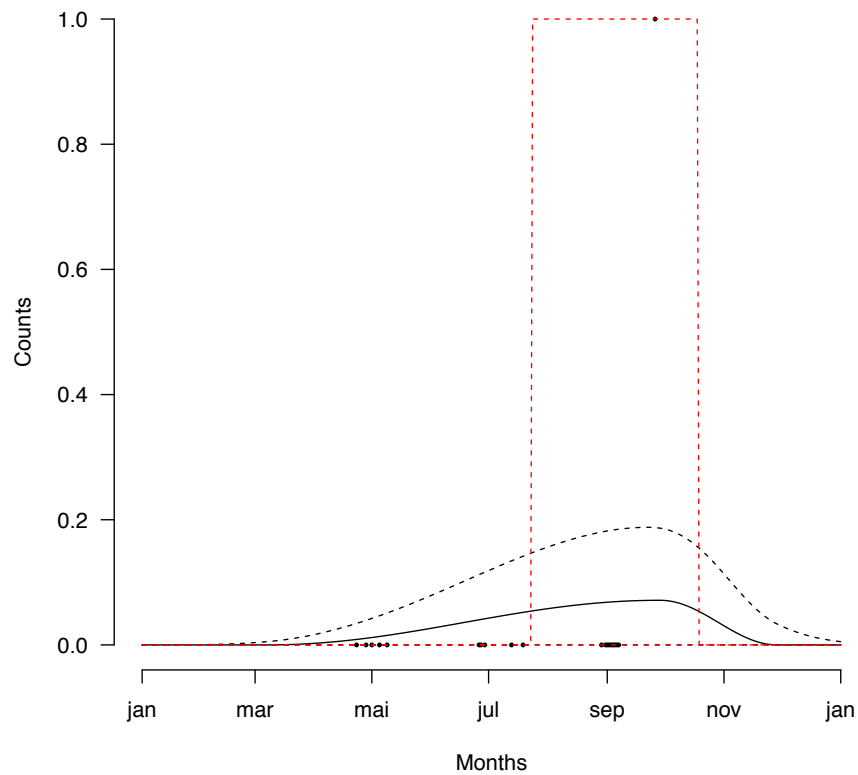
```
##
## Number of timeseries: 1
## -----
## 1#trou madame louis@anse bertrand-2012
## -----
## Estimation without the observed data
## Total number of counts: 6.6842 ; SD 4.8158
## Estimation taking into account the observed data
## Total number of counts: 6.5858 ; SD 4.0297
## 95% confidence interval: 1 - 14.6453
```

1#trou madame louis@anse bertrand-2013



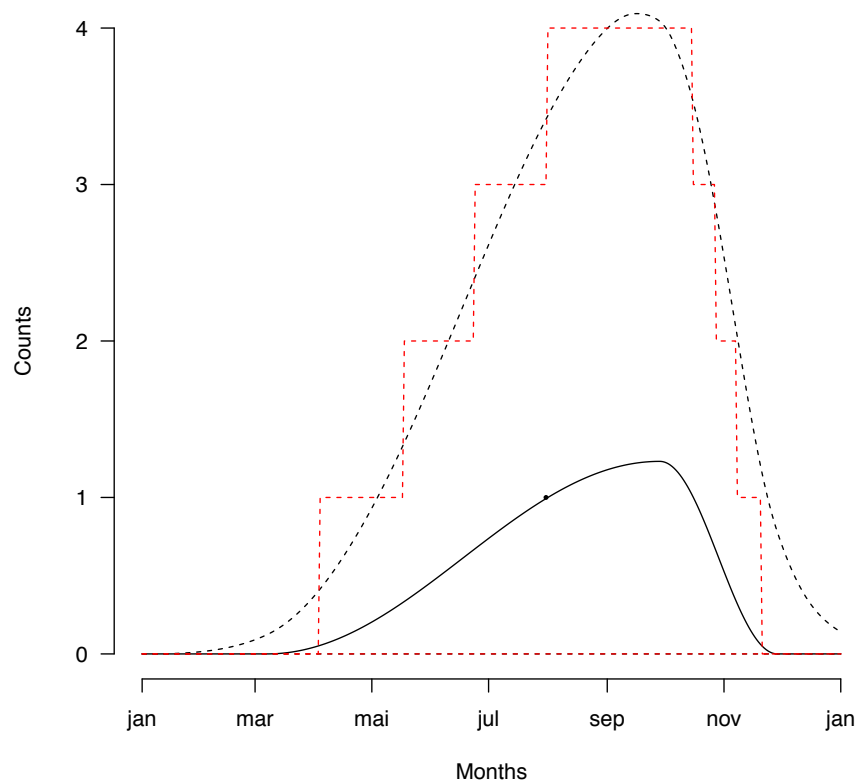
```
##
## Number of timeseries: 1
## -----
## 1#trou madame louis@anse bertrand-2013
## -----
## Estimation without the observed data
## Total number of counts: 6.8459 ; SD 4.8344
## Estimation taking into account the observed data
## Total number of counts: 6.7229 ; SD 4.0593
## 95% confidence interval: 1 - 14.8414
```


1#trou madame louis@anse bertrand-2014



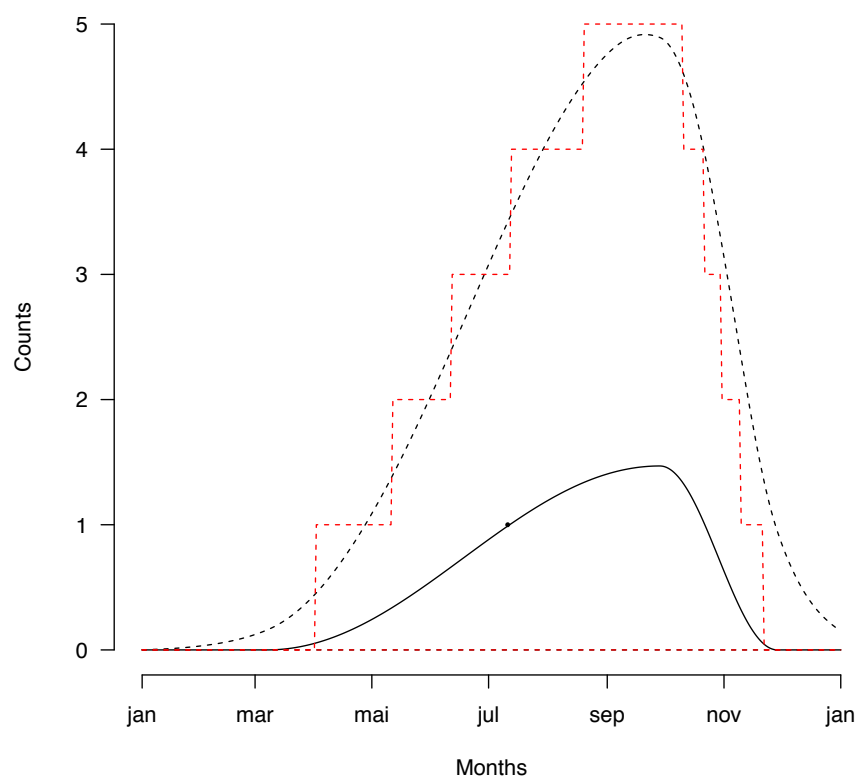
```
##
## Number of timeseries: 1
## -----
## 1#trou madame louis@anse bertrand-2014
## -----
## Estimation without the observed data
## Total number of counts: 11.36 ; SD 8.1495
## Estimation taking into account the observed data
## Total number of counts: 11.2173 ; SD 7.3398
## 95% confidence interval: 1 - 25.897
```

2#anse a la barque@bouillante-2011



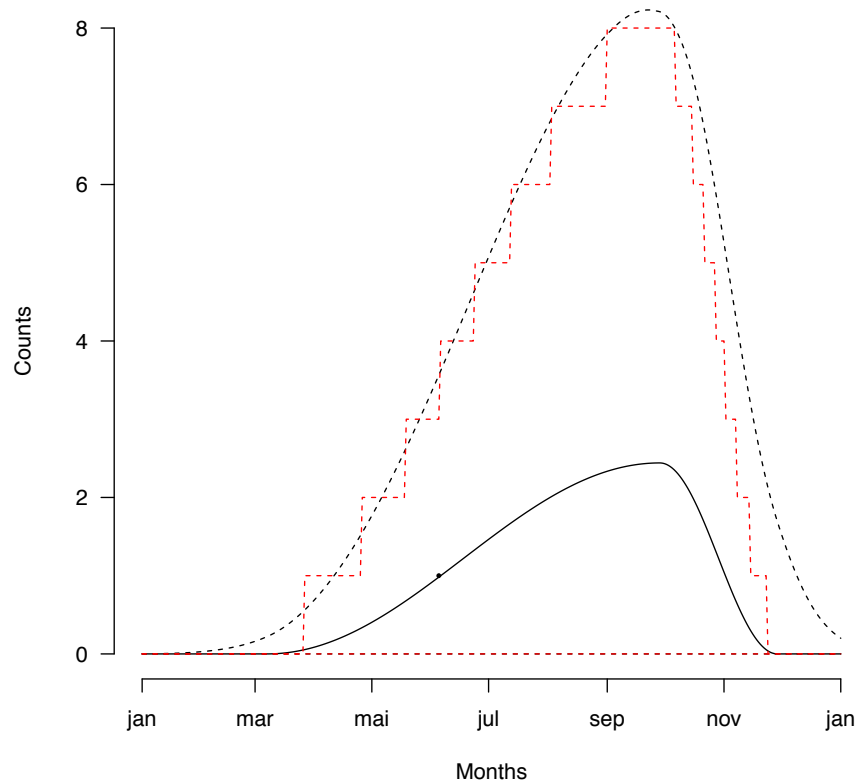
```
##
## Number of timeseries: 1
## -----
## 2#anse a la barque@bouillante-2011
## -----
## Estimation without the observed data
## Total number of counts: 267.6215 ; SD 201.2553
## Estimation taking into account the observed data
## Total number of counts: 267.0244 ; SD 200.0703
## 95% confidence interval: 1 - 667.165
```

2#anse a la barque@bouillante-2014



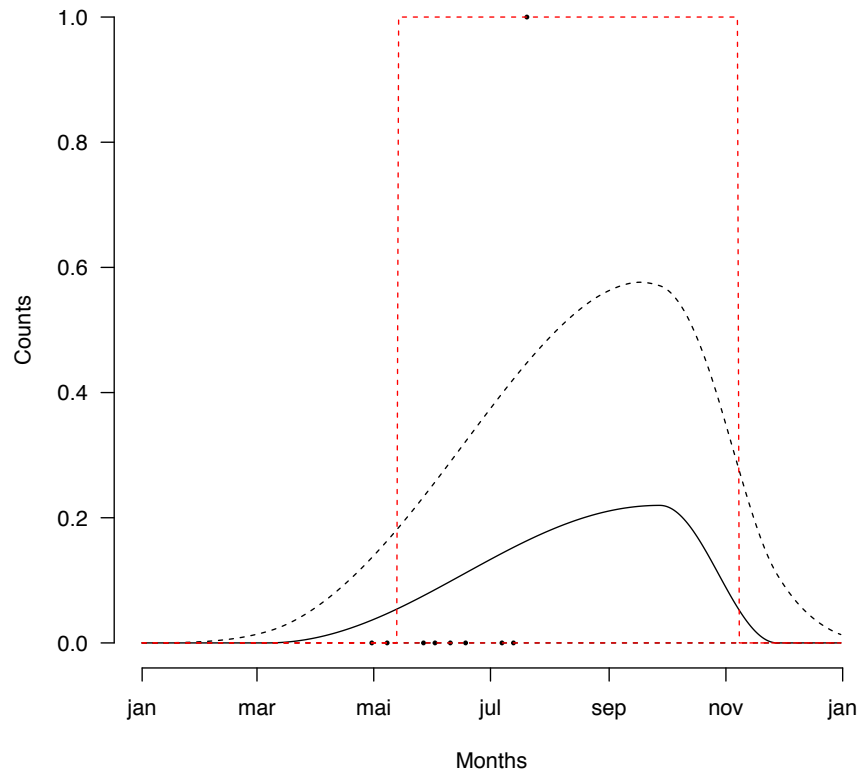
```
##
## Number of timeseries: 1
## -----
## 2#anse a la barque@bouillante-2014
## -----
## Estimation without the observed data
## Total number of counts: 328.9539 ; SD 239.8757
## Estimation taking into account the observed data
## Total number of counts: 328.334 ; SD 238.7064
## 95% confidence interval: 1 - 805.7469
```

2#anse botrel@pointe noire-2011



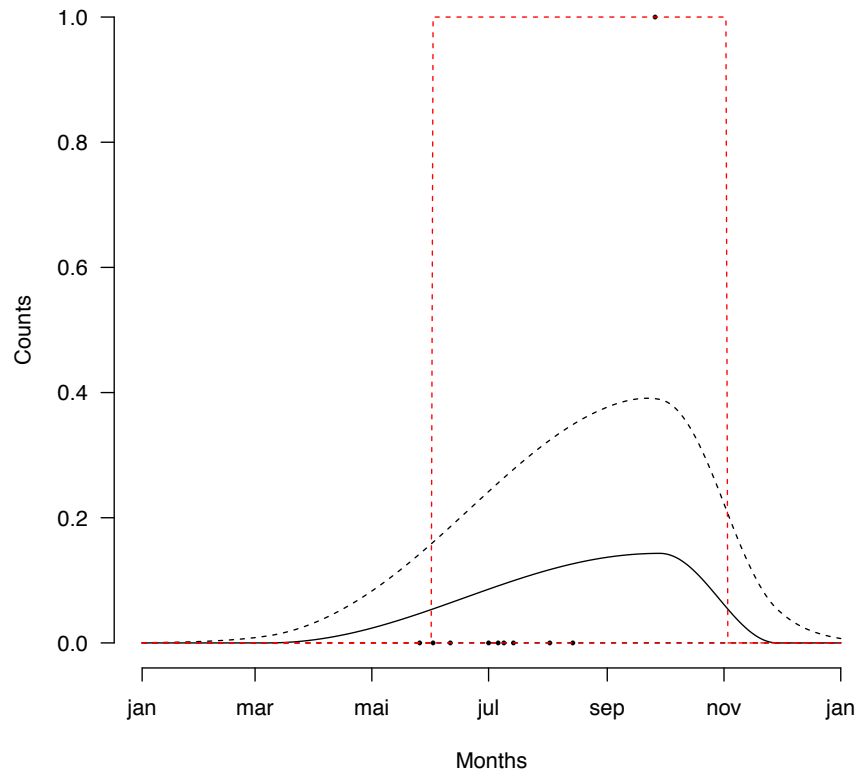
```
##
## Number of timeseries: 1
## -----
## 2#anse botrel@pointe noire-2011
## -----
## Estimation without the observed data
## Total number of counts: 544.7028 ; SD 399.6092
## Estimation taking into account the observed data
## Total number of counts: 544.0985 ; SD 398.4597
## 95% confidence interval: 1 - 1341.0178
```

2#anse caraibe@pointe noire-2008



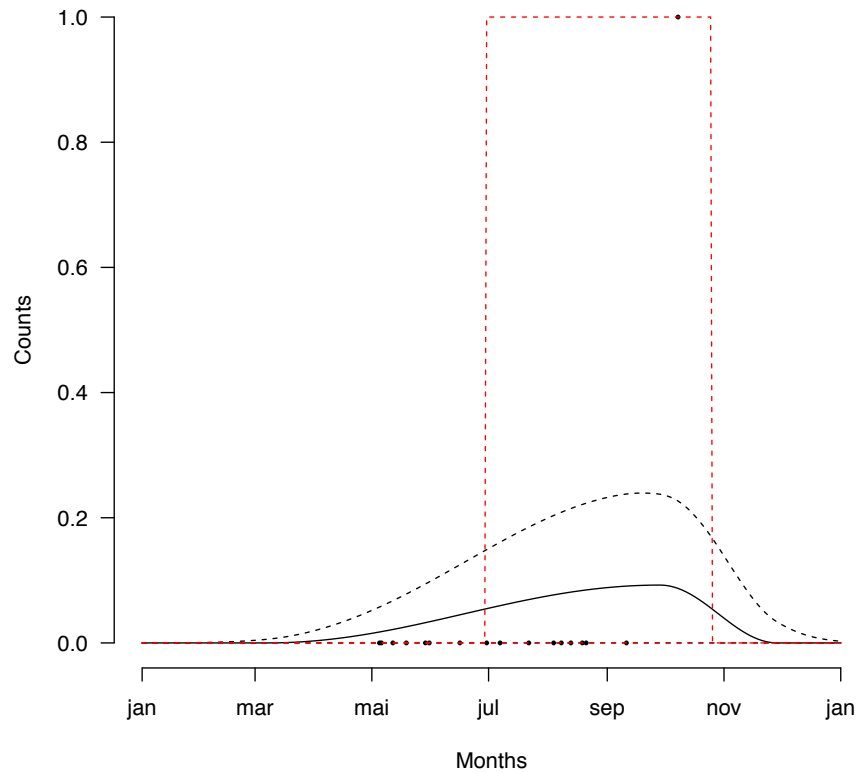
```
##
## Number of timeseries: 1
## -----
## 2#anse caraibe@pointe noire-2008
## -----
## Estimation without the observed data
## Total number of counts: 37.7267 ; SD 25.1376
## Estimation taking into account the observed data
## Total number of counts: 37.5515 ; SD 24.3455
## 95% confidence interval: 1 - 86.2425
```

2#anse caraibe@pointe noire-2009



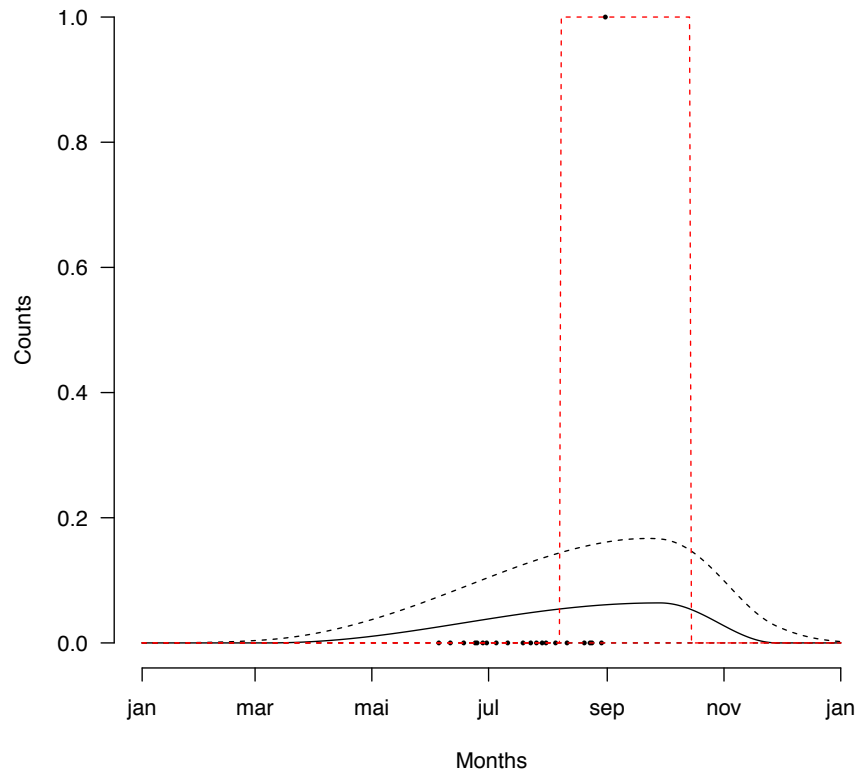
```
##
## Number of timeseries: 1
## -----
## 2#anse caraibe@pointe noire-2009
## -----
## Estimation without the observed data
## Total number of counts: 22.6731 ; SD 16.9207
## Estimation taking into account the observed data
## Total number of counts: 22.5912 ; SD 16.119
## 95% confidence interval: 1 - 54.8291
```

2#anse caraibe@pointe noire-2010



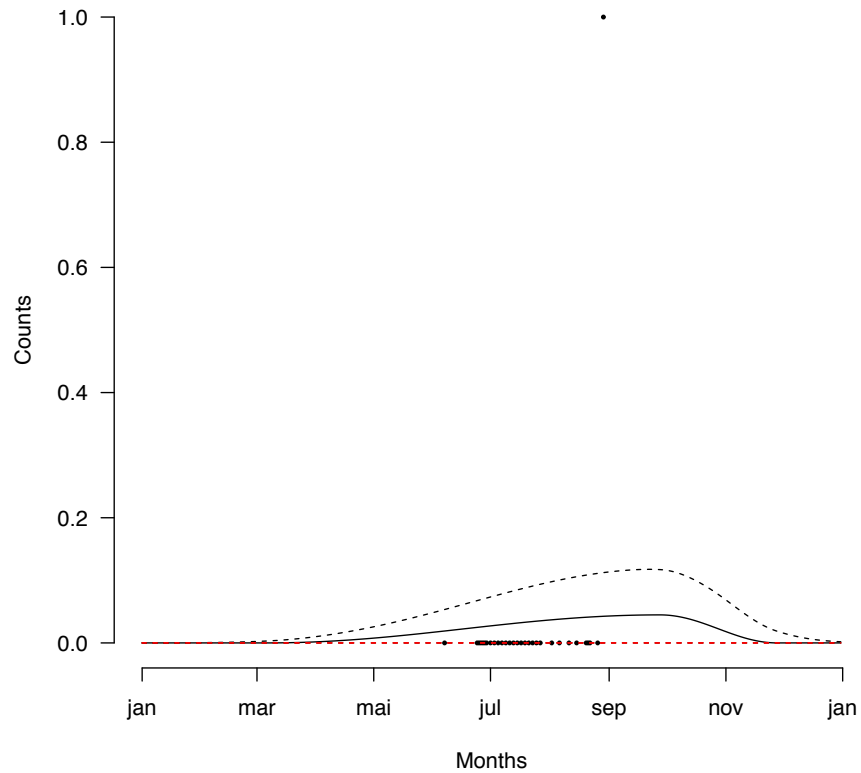
```
##
## Number of timeseries: 1
## -----
## 2#anse caraibe@pointe noire-2010
## -----
## Estimation without the observed data
## Total number of counts: 14.4967 ; SD 10.0611
## Estimation taking into account the observed data
## Total number of counts: 14.3809 ; SD 9.2839
## 95% confidence interval: 1 - 32.9486
```

2#anse caraibe@pointe noire-2011



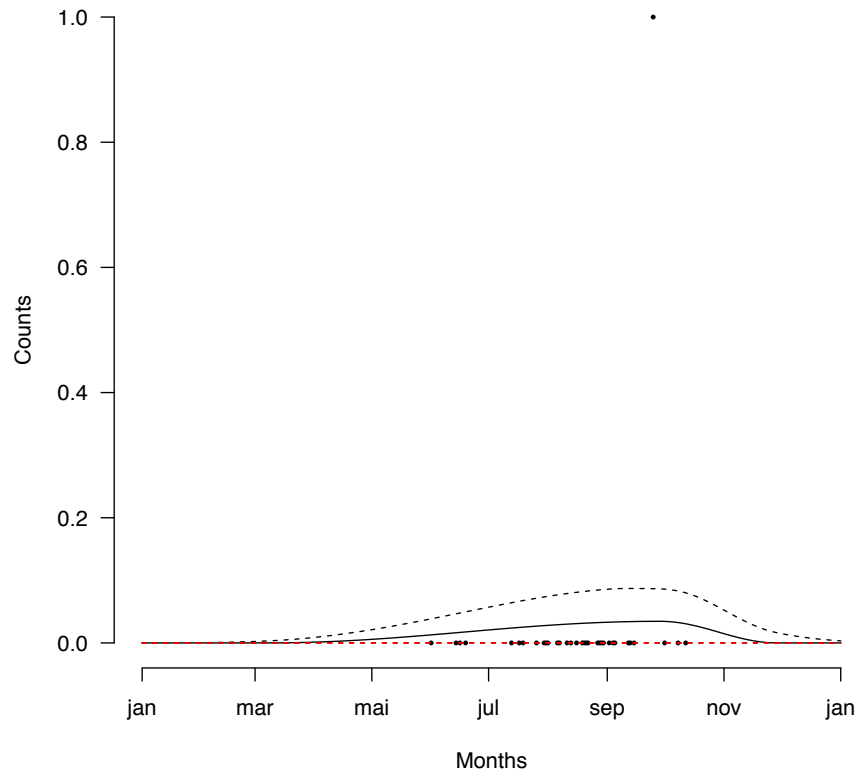
```
##
## Number of timeseries: 1
## -----
## 2#anse caraibe@pointe noire-2011
## -----
## Estimation without the observed data
## Total number of counts: 10.3064 ; SD 7.1242
## Estimation taking into account the observed data
## Total number of counts: 10.1468 ; SD 6.3349
## 95% confidence interval: 1 - 22.8166
```


2#anse caraibe@pointe noire-2012



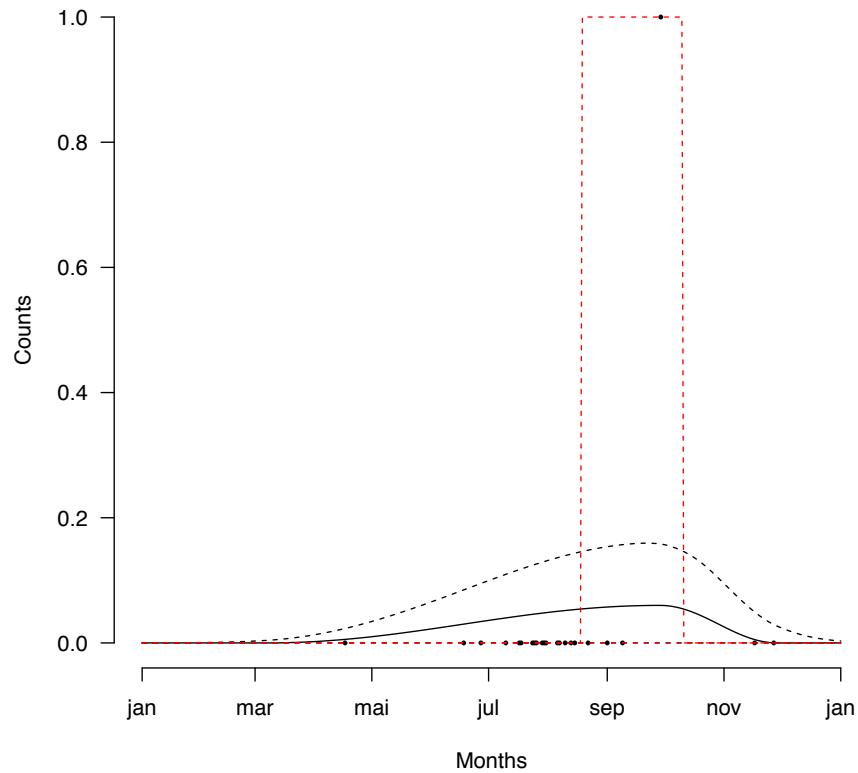
```
##
## Number of timeseries: 1
## -----
## 2#anse caraibe@pointe noire-2012
## -----
## Estimation without the observed data
## Total number of counts: 7.3144 ; SD 4.9609
## Estimation taking into account the observed data
## Total number of counts: 7.1407 ; SD 4.1763
## 95% confidence interval: 1 - 15.4934
```

2#anse caraibe@pointe noire-2013



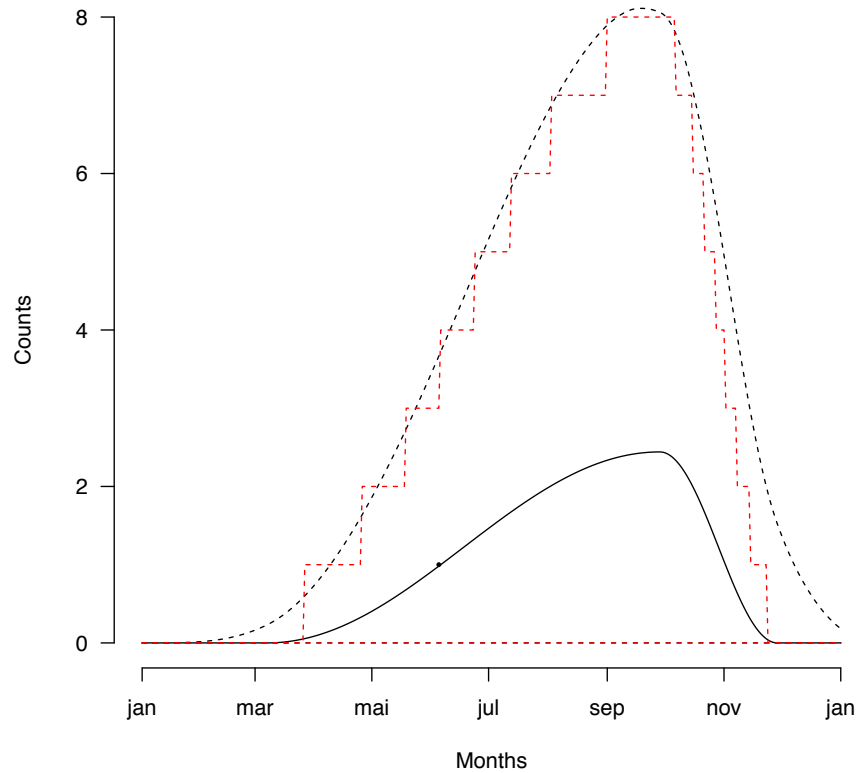
```
##
## Number of timeseries: 1
## -----
## 2#anse caraibe@pointe noire-2013
## -----
## Estimation without the observed data
## Total number of counts: 5.429 ; SD 3.778
## Estimation taking into account the observed data
## Total number of counts: 5.2959 ; SD 3.0087
## 95% confidence interval: 1 - 11.3133
```

2#anse caraibe@pointe noire-2014



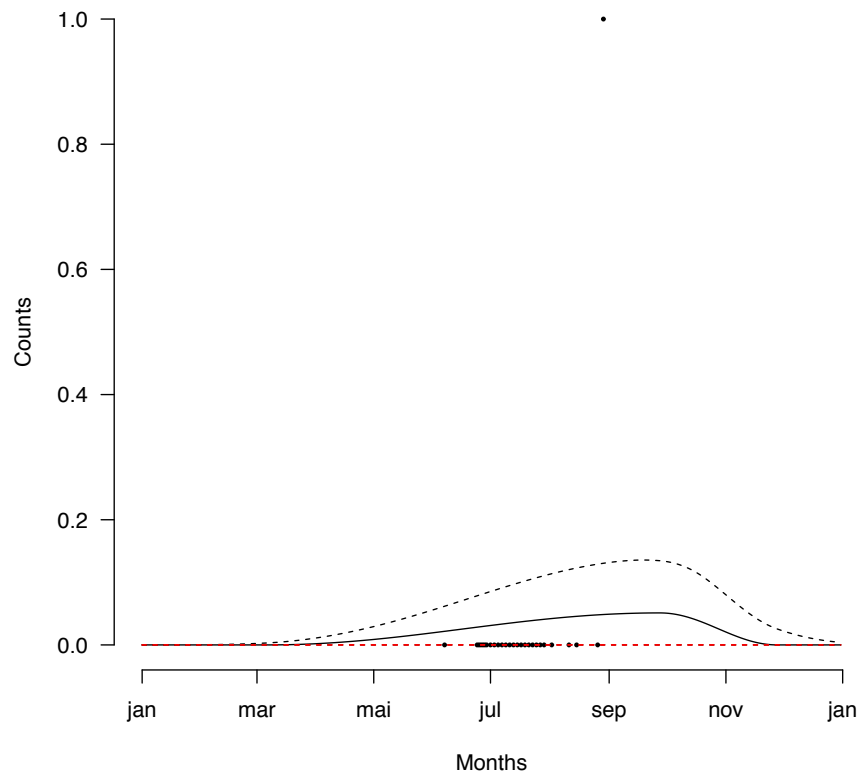
```
##
## Number of timeseries: 1
## -----
## 2#anse caraibe@pointe noire-2014
## -----
## Estimation without the observed data
## Total number of counts: 9.8589 ; SD 6.8688
## Estimation taking into account the observed data
## Total number of counts: 9.6634 ; SD 6.047
## 95% confidence interval: 1 - 21.7574
```

2#anse de la grande plaine@pointe noire-2011



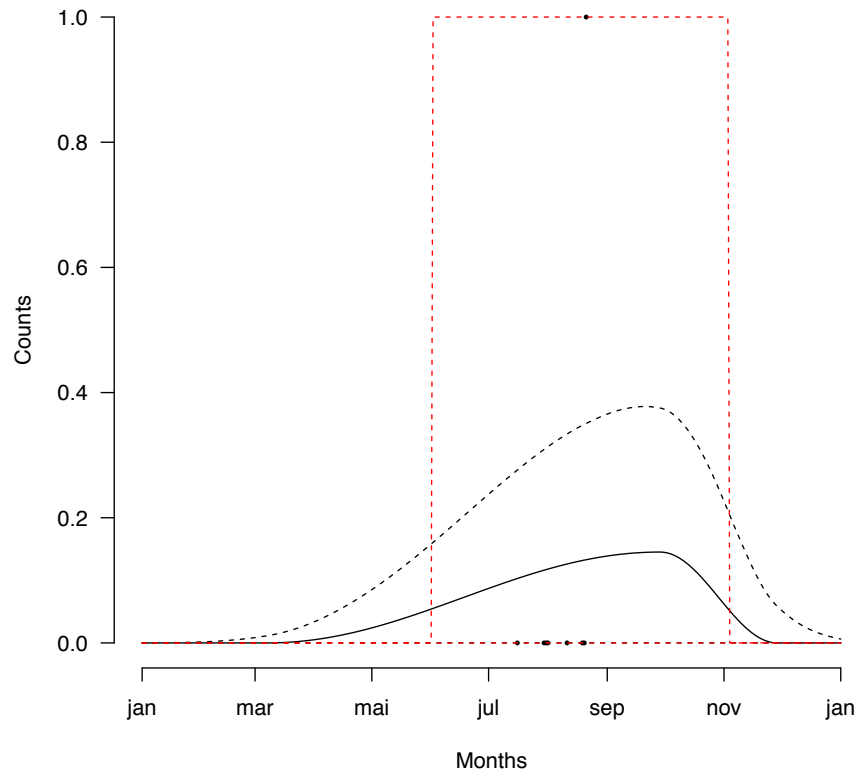
```
##
## Number of timeseries: 1
## -----
## 2#anse de la grande plaine@pointe noire-2011
## -----
## Estimation without the observed data
## Total number of counts: 523.8812 ; SD 397.9753
## Estimation taking into account the observed data
## Total number of counts: 523.3069 ; SD 396.7569
## 95% confidence interval: 1 - 1316.8208
```

2#anse de la grande plaine@pointe noire-2012



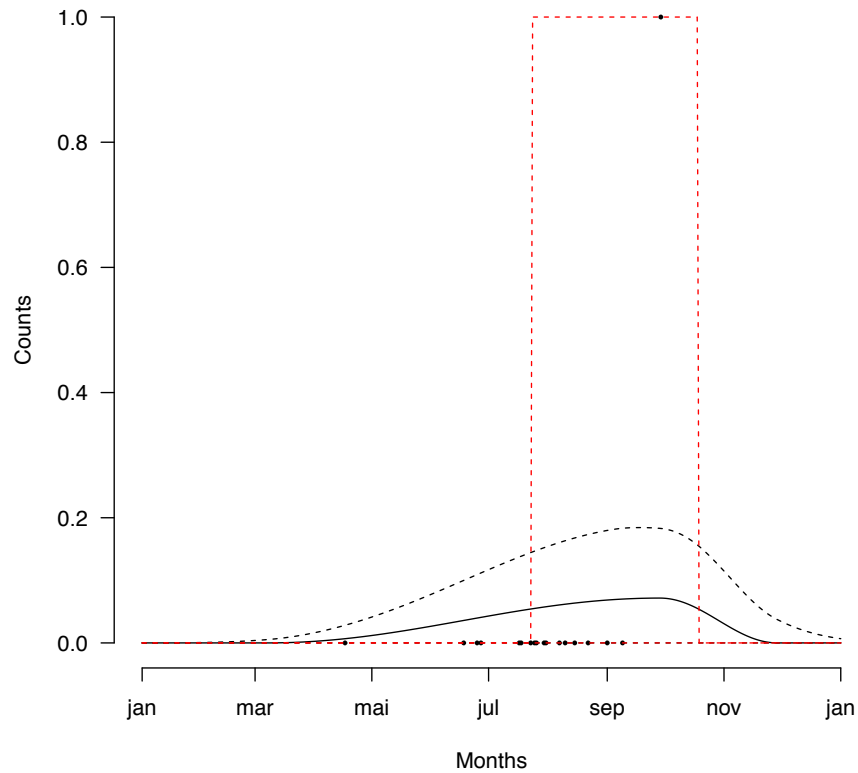
```
##
## Number of timeseries: 1
## -----
## 2#anse de la grande plaine@pointe noire-2012
## -----
## Estimation without the observed data
## Total number of counts: 8.4413 ; SD 5.8058
## Estimation taking into account the observed data
## Total number of counts: 8.2553 ; SD 5.0078
## 95% confidence interval: 1 - 18.2708
```

2#anse de la grande plaine@pointe noire-2013



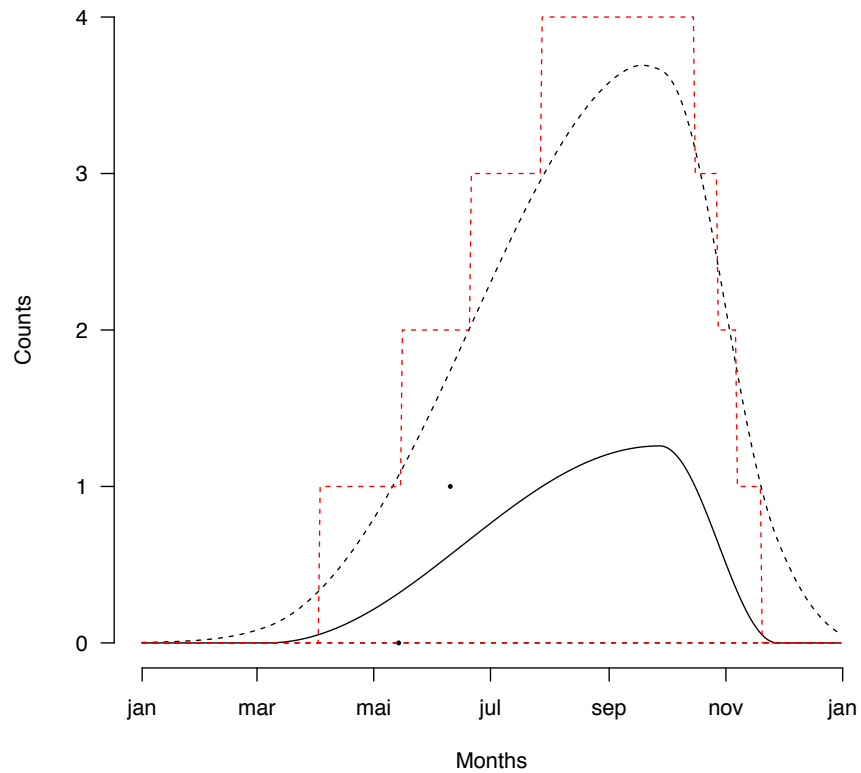
```
##
## Number of timeseries: 1
## -----
## 2#anse de la grande plaine@pointe noire-2013
## -----
## Estimation without the observed data
## Total number of counts: 23.1695 ; SD 16.0017
## Estimation taking into account the observed data
## Total number of counts: 23.0078 ; SD 15.2126
## 95% confidence interval: 1 - 53.433
```

2#anse de la grande plaine@pointe noire-2014



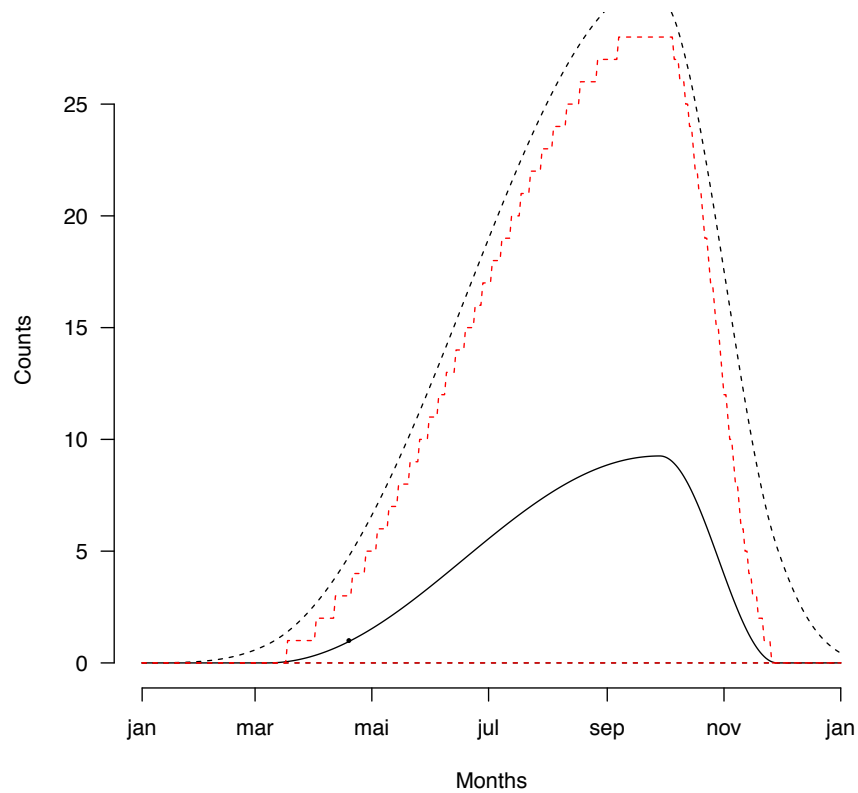
```
##
## Number of timeseries: 1
## -----
## 2#anse de la grande plaine@pointe noire-2014
## -----
## Estimation without the observed data
## Total number of counts: 11.6856 ; SD 7.862
## Estimation taking into account the observed data
## Total number of counts: 11.52 ; SD 7.0919
## 95% confidence interval: 1 - 25.7037
```

2#anse de la perle@deshaies-2004



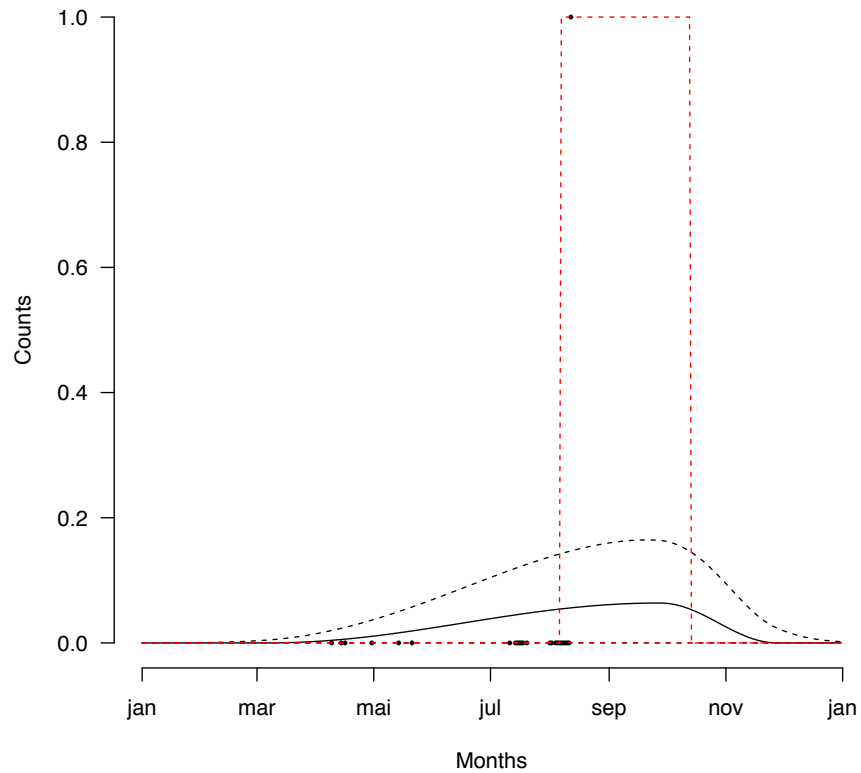
```
##
## Number of timeseries: 1
## -----
## 2#anse de la perle@deshaies-2004
## -----
## Estimation without the observed data
## Total number of counts: 228.0214 ; SD 165.7364
## Estimation taking into account the observed data
## Total number of counts: 227.8337 ; SD 164.8874
## 95% confidence interval: 1 - 557.6086
```


2#anse de la perle@deshaies-2005



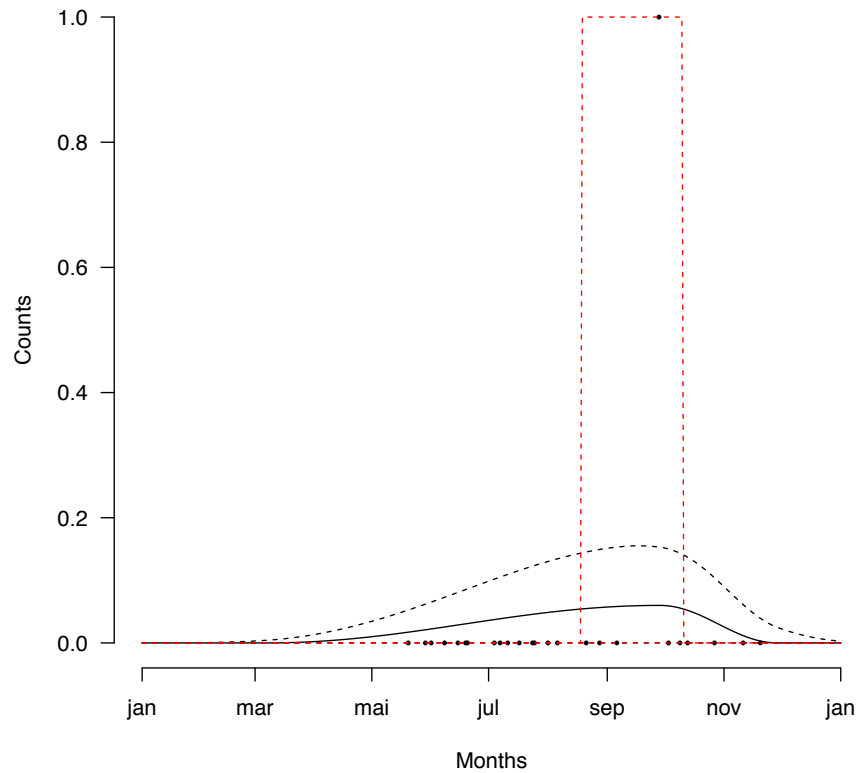
```
##
## Number of timeseries: 1
## -----
## 2#anse de la perle@deshaies-2005
## -----
## Estimation without the observed data
## Total number of counts: 1943.9766 ; SD 1428.0287
## Estimation taking into account the observed data
## Total number of counts: 1943.2302 ; SD 1426.7257
## 95% confidence interval: 1 - 4796.6816
```

2#anse de la perle@deshaies-2008



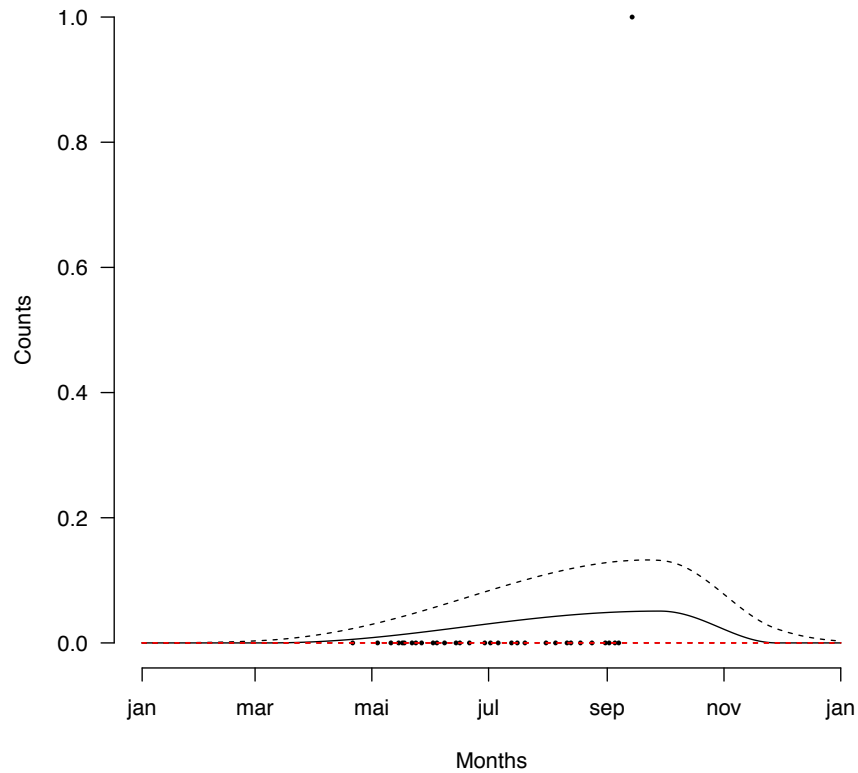
```
##
## Number of timeseries: 1
## -----
## 2#anse de la perle@deshaies-2008
## -----
## Estimation without the observed data
## Total number of counts: 9.712 ; SD 6.9967
## Estimation taking into account the observed data
## Total number of counts: 9.6016 ; SD 6.2077
## 95% confidence interval: 1 - 22.0171
```

2#anse de la perle@deshaies-2010



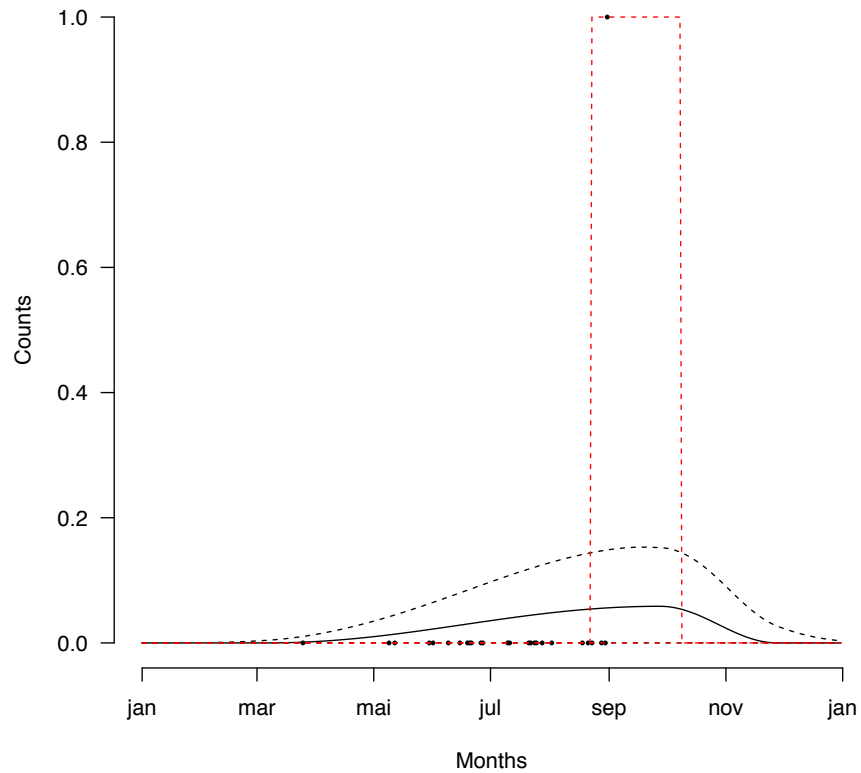
```
##
## Number of timeseries: 1
## -----
## 2#anse de la perle@deshaies-2010
## -----
## Estimation without the observed data
## Total number of counts: 9.2865 ; SD 6.5915
## Estimation taking into account the observed data
## Total number of counts: 9.1825 ; SD 5.8087
## 95% confidence interval: 1 - 20.8
```

2#anse de la perle@deshaies-2011



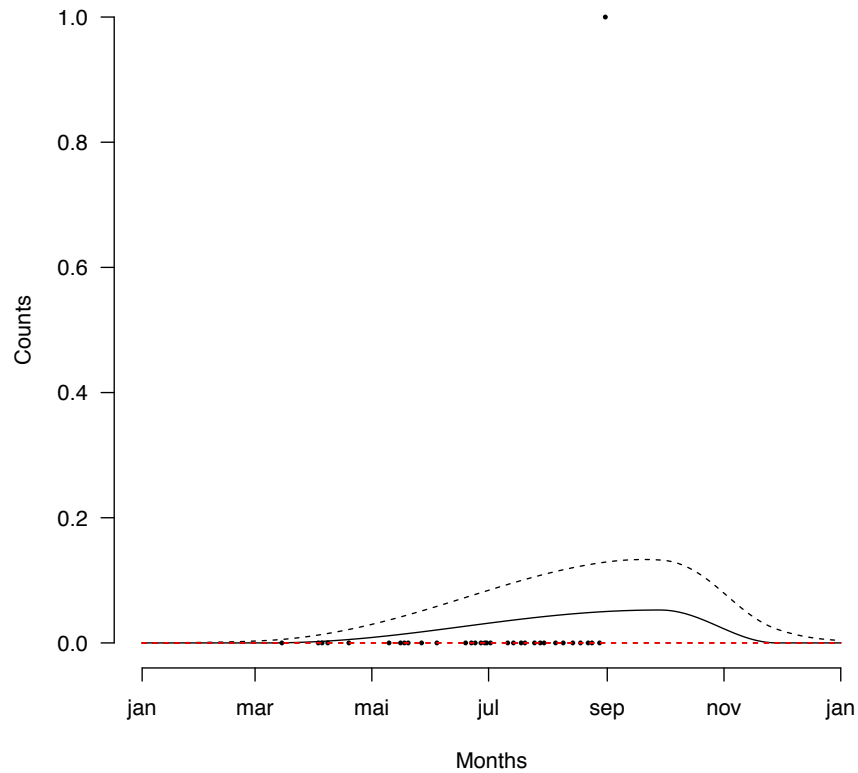
```
##
## Number of timeseries: 1
## -----
## 2#anse de la perle@deshaies-2011
## -----
## Estimation without the observed data
## Total number of counts: 7.8775 ; SD 5.6506
## Estimation taking into account the observed data
## Total number of counts: 7.7657 ; SD 4.8587
## 95% confidence interval: 1 - 17.4831
```

2#anse de la perle@deshaies-2012



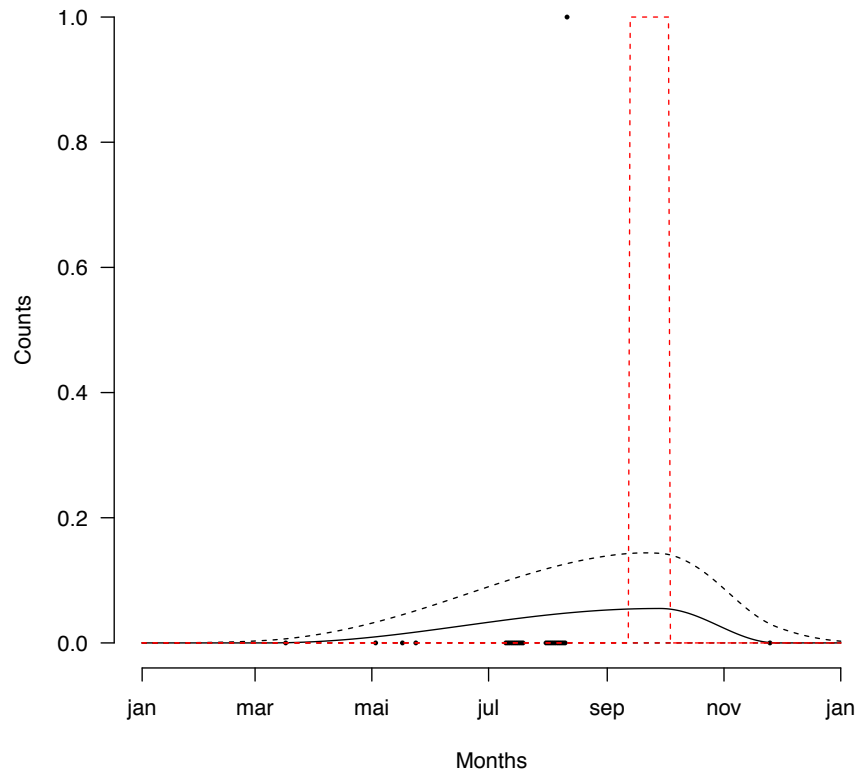
```
##
## Number of timeseries: 1
## -----
## 2#anse de la perle@deshaies-2012
## -----
## Estimation without the observed data
## Total number of counts: 9.5034 ; SD 6.5857
## Estimation taking into account the observed data
## Total number of counts: 9.3338 ; SD 5.7921
## 95% confidence interval: 1 - 20.9181
```

2#anse de la perle@deshaies-2013



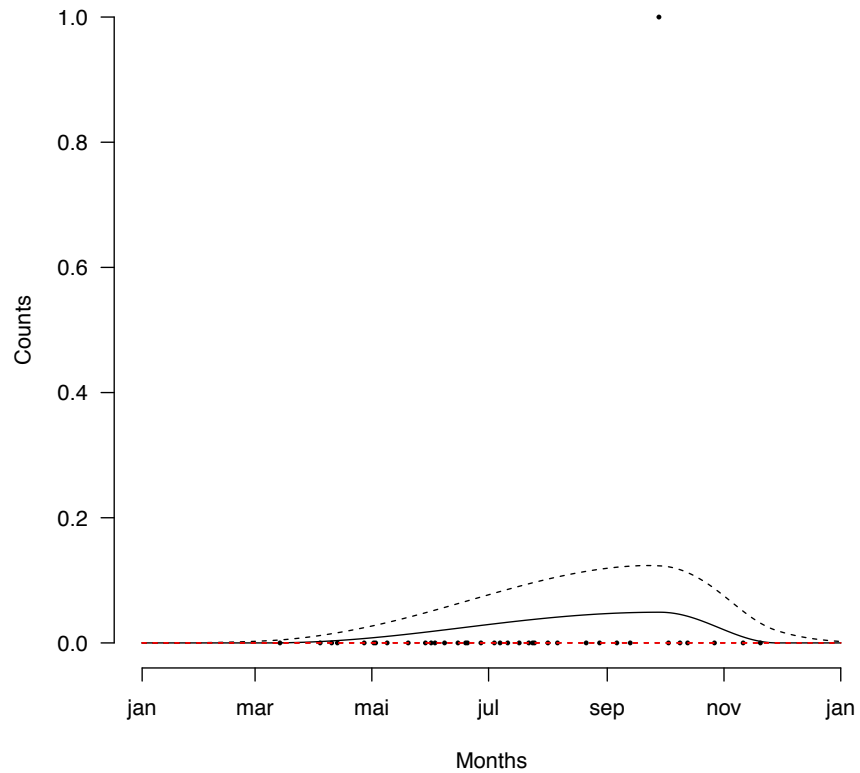
```
##
## Number of timeseries: 1
## -----
## 2#anse de la perle@deshaies-2013
## -----
## Estimation without the observed data
## Total number of counts: 8.1247 ; SD 5.6078
## Estimation taking into account the observed data
## Total number of counts: 8.0068 ; SD 4.8448
## 95% confidence interval: 1 - 17.6965
```

2#anse des iles@sainte rose-2009



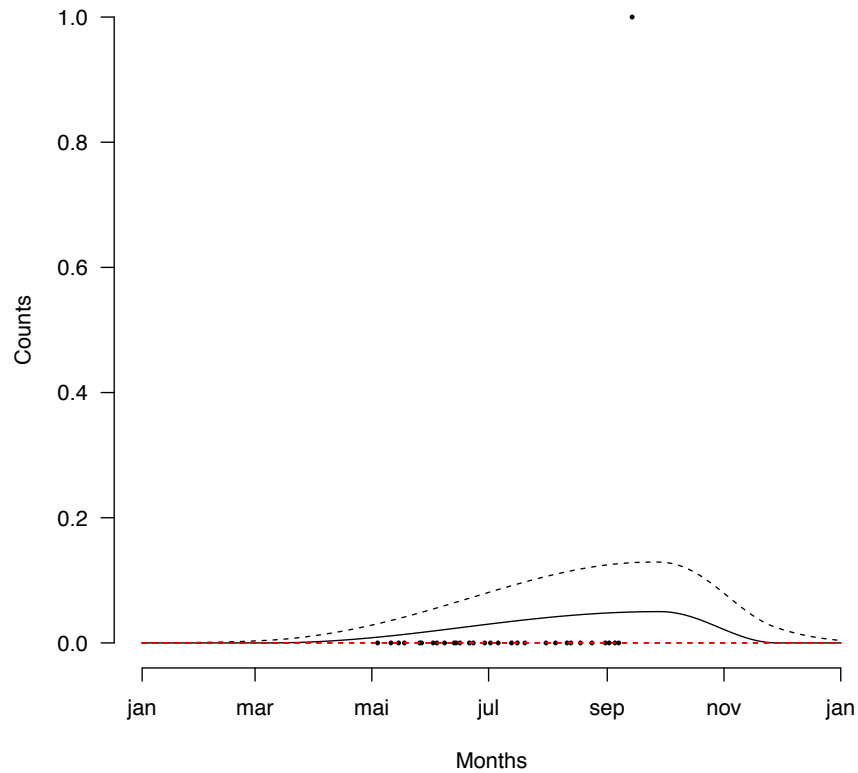
```
##
## Number of timeseries: 1
## -----
## 2#anse des iles@sainte rose-2009
## -----
## Estimation without the observed data
## Total number of counts: 8.8127 ; SD 6.1705
## Estimation taking into account the observed data
## Total number of counts: 8.6439 ; SD 5.3677
## 95% confidence interval: 1 - 19.3794
```

2#anse des iles@sainte rose-2010



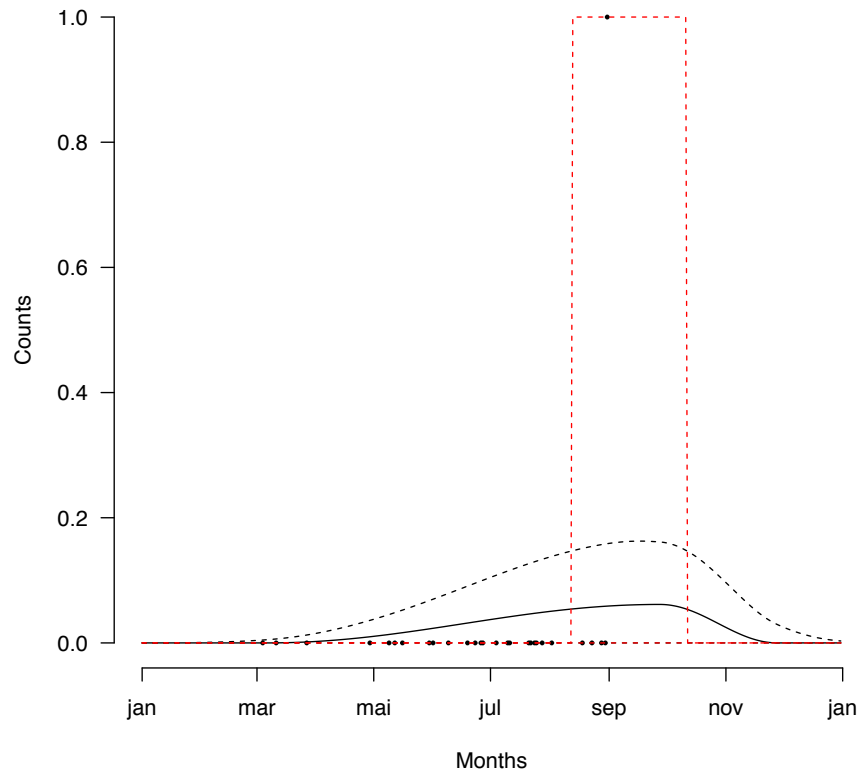
```
##
## Number of timeseries: 1
## -----
## 2#anse des iles@sainte rose-2010
## -----
## Estimation without the observed data
## Total number of counts: 7.6195 ; SD 5.1195
## Estimation taking into account the observed data
## Total number of counts: 7.5031 ; SD 4.3747
## 95% confidence interval: 1 - 16.2526
```


2#anse des iles@sainte rose-2011



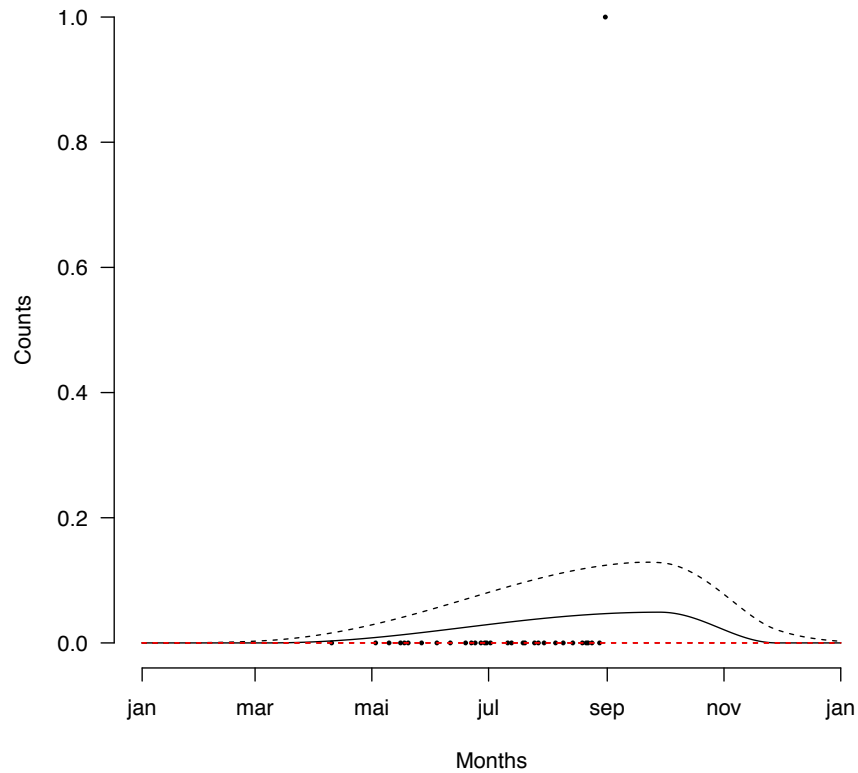
```
##
## Number of timeseries: 1
## -----
## 2#anse des iles@sainte rose-2011
## -----
## Estimation without the observed data
## Total number of counts: 8.1351 ; SD 5.5611
## Estimation taking into account the observed data
## Total number of counts: 7.9732 ; SD 4.7901
## 95% confidence interval: 1 - 17.5533
```

2#anse des iles@sainte rose-2012



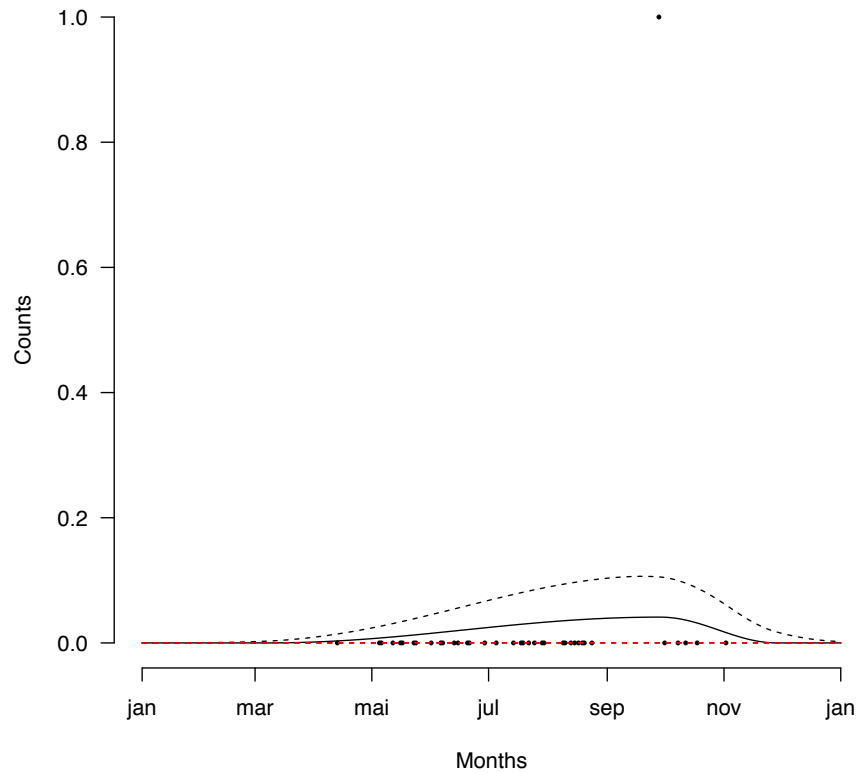
```
##
## Number of timeseries: 1
## -----
## 2#anse des iles@sainte rose-2012
## -----
## Estimation without the observed data
## Total number of counts: 9.8189 ; SD 7.1953
## Estimation taking into account the observed data
## Total number of counts: 9.6855 ; SD 6.3703
## 95% confidence interval: 1 - 22.426
```

2#anse des iles@sainte rose-2013



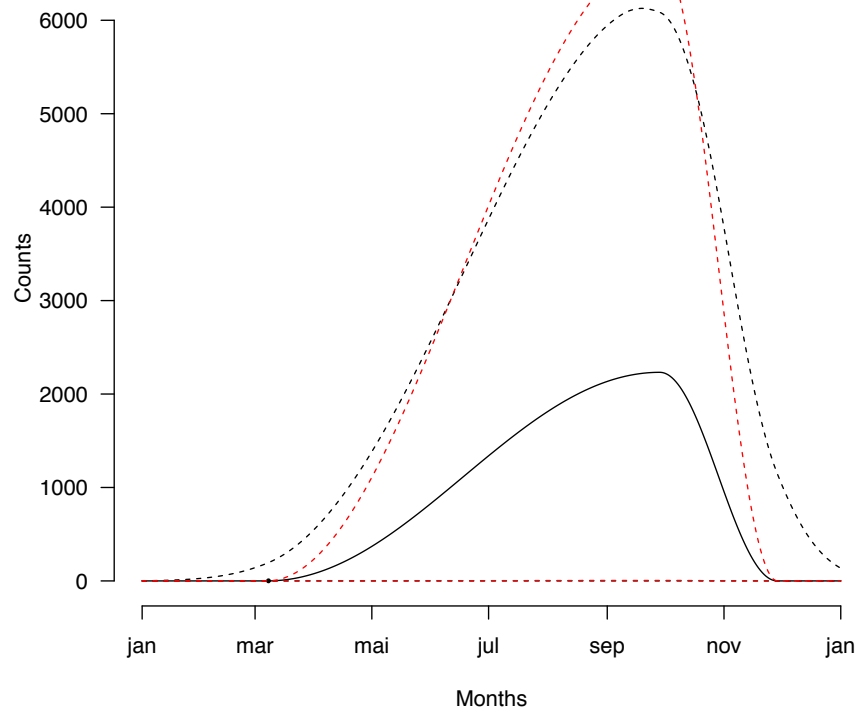
```
##
## Number of timeseries: 1
## -----
## 2#anse des iles@sainte rose-2013
## -----
## Estimation without the observed data
## Total number of counts: 7.7542 ; SD 5.5669
## Estimation taking into account the observed data
## Total number of counts: 7.6157 ; SD 4.7676
## 95% confidence interval: 1 - 17.1509
```

2#anse des iles@sainte rose-2014



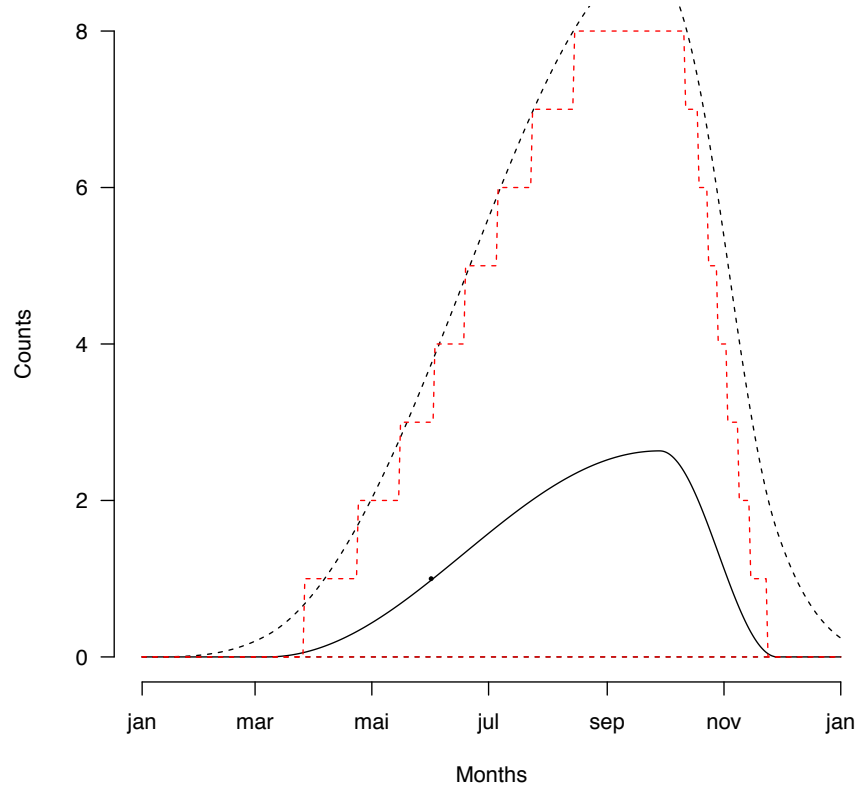
```
##
## Number of timeseries: 1
## -----
## 2#anse des iles@sainte rose-2014
## -----
## Estimation without the observed data
## Total number of counts: 6.3509 ; SD 4.5482
## Estimation taking into account the observed data
## Total number of counts: 6.2483 ; SD 3.7613
## 95% confidence interval: 1 - 13.771
```

2#anse dupuy@vieux fort-2013



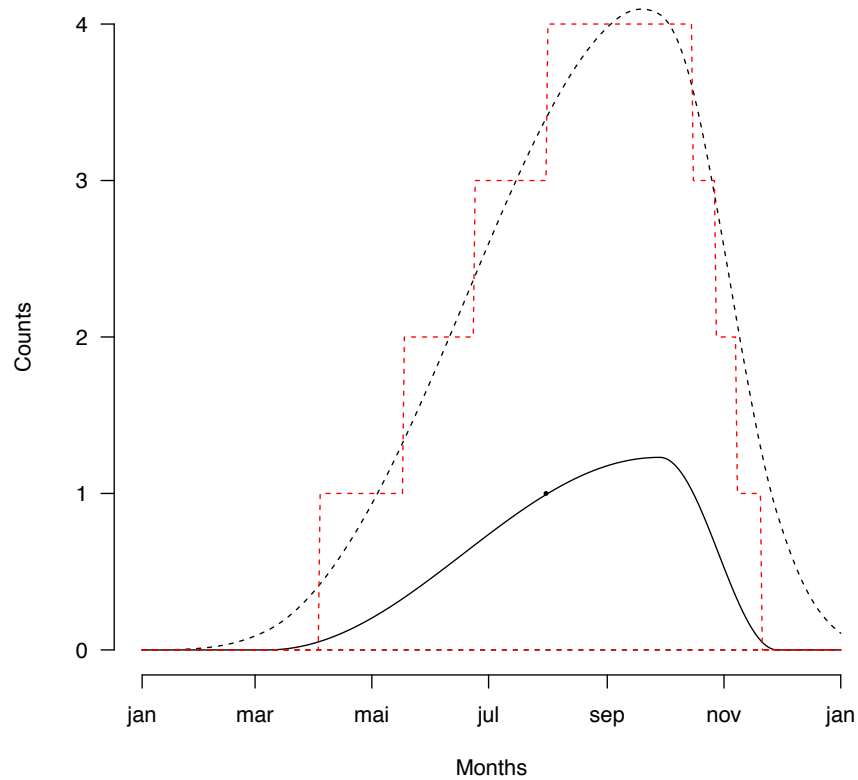
```
##
## Number of timeseries: 1
## -----
## 2#anse dupuy@vieux fort-2013
## -----
## Estimation without the observed data
## Total number of counts: 380323.3115 ; SD 270780.7456
## Estimation taking into account the observed data
## Total number of counts: 380286.5406 ; SD 270749.0871
## 95% confidence interval: 1 - 921784.7148
```

2#anse du val de l'orge@vieux habitants-2010



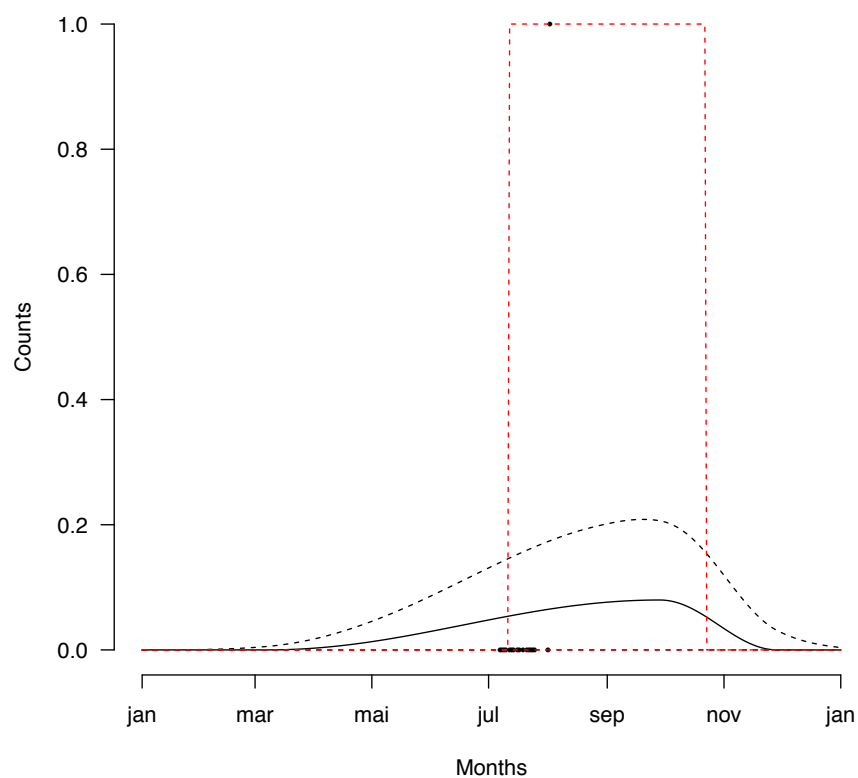
```
##
## Number of timeseries: 1
## -----
## 2#anse du val de l'orge@vieux habitants-2010
## -----
## Estimation without the observed data
## Total number of counts: 569.0627 ; SD 433.9921
## Estimation taking into account the observed data
## Total number of counts: 568.4579 ; SD 432.7458
## 95% confidence interval: 1 - 1433.9494
```

2#anse du val de l'orge@vieux habitants-2011



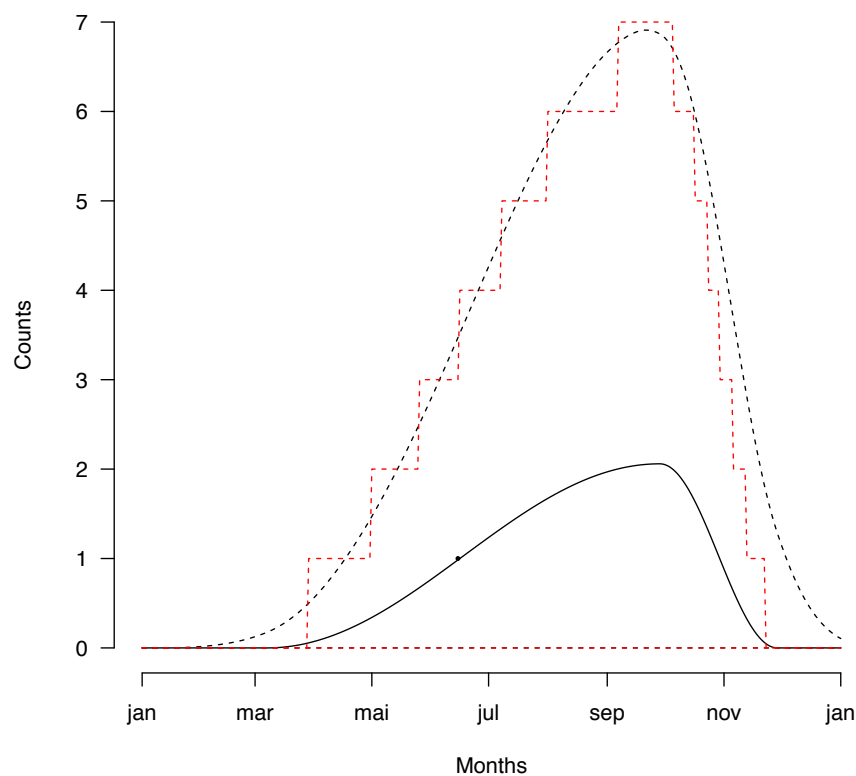
```
##
## Number of timeseries: 1
## -----
## 2#anse du val de l'orge@vieux habitants-2011
## -----
## Estimation without the observed data
## Total number of counts: 273.7877 ; SD 199.9627
## Estimation taking into account the observed data
## Total number of counts: 273.1642 ; SD 198.7904
## 95% confidence interval: 1 - 670.745
```

2#anse machette@bouillante-2005



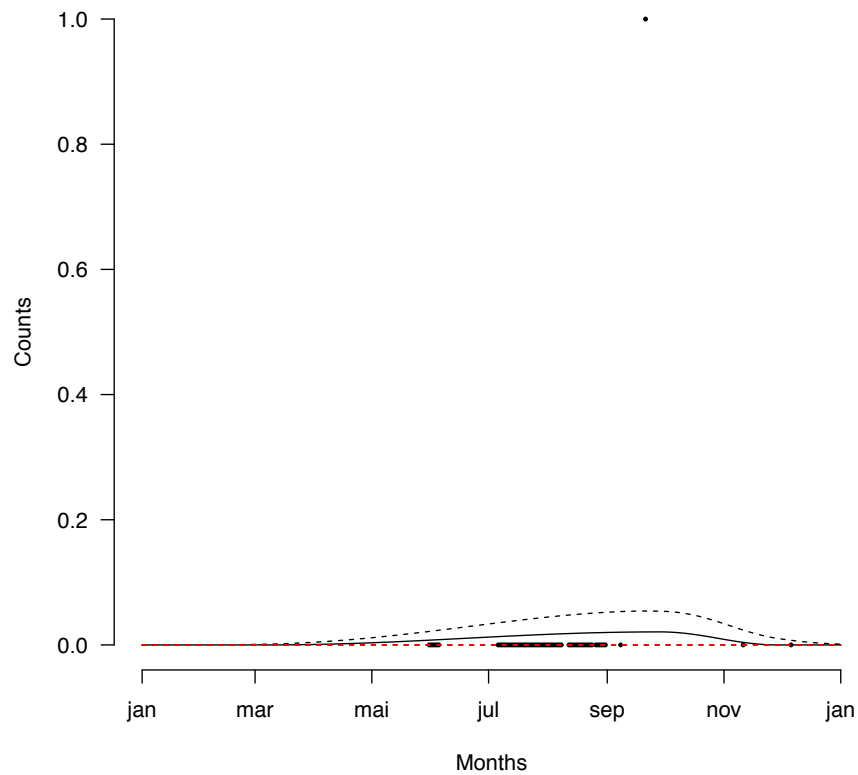
```
##
## Number of timeseries: 1
## -----
## 2#anse machette@bouillante-2005
## -----
## Estimation without the observed data
## Total number of counts: 12.2507 ; SD 8.7956
## Estimation taking into account the observed data
## Total number of counts: 12.131 ; SD 7.9947
## 95% confidence interval: 1 - 28.1203
```


2#anse machette@bouillante-2006



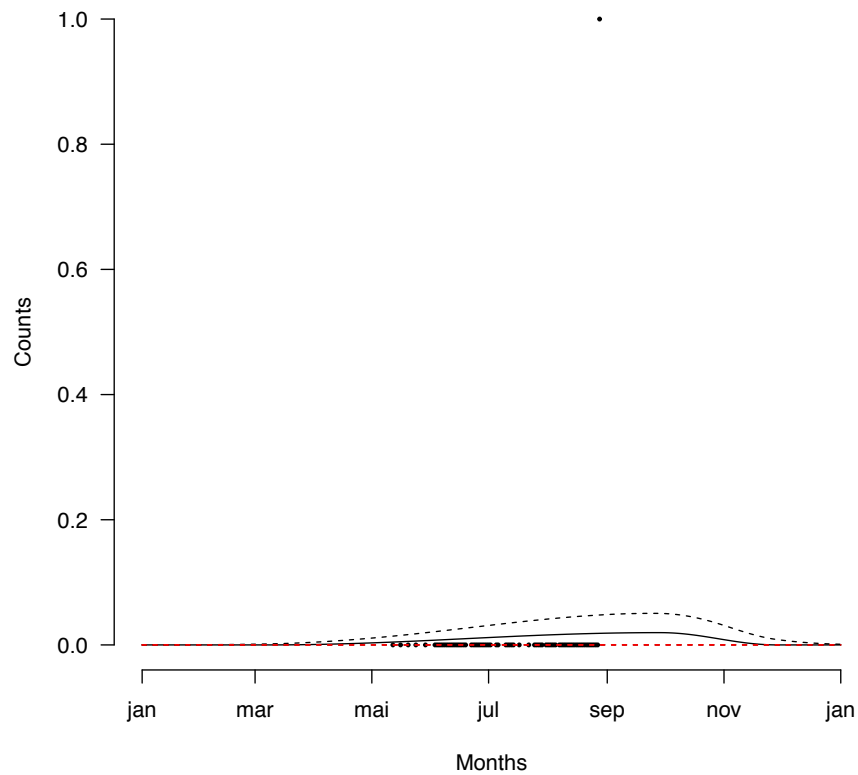
```
##
## Number of timeseries: 1
## -----
## 2#anse machette@bouillante-2006
## -----
## Estimation without the observed data
## Total number of counts: 434.7666 ; SD 335.4732
## Estimation taking into account the observed data
## Total number of counts: 434.2429 ; SD 334.3186
## 95% confidence interval: 1 - 1102.8801
```

2#anse machette@bouillante-2007



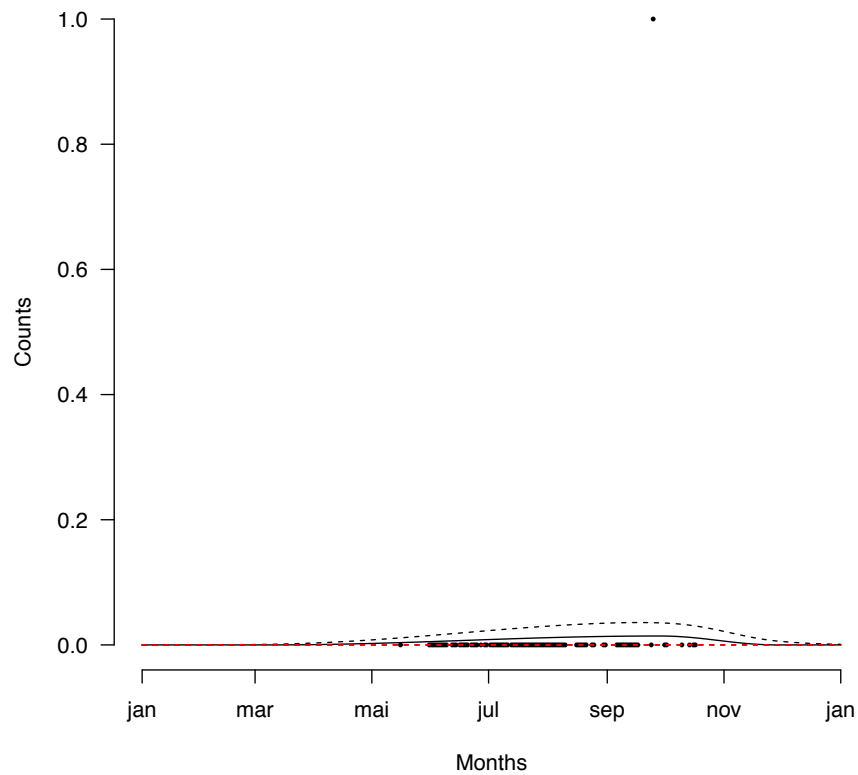
```
##
## Number of timeseries: 1
## -----
## 2#anse machette@bouillante-2007
## -----
## Estimation without the observed data
## Total number of counts: 3.3673 ; SD 2.3253
## Estimation taking into account the observed data
## Total number of counts: 3.197 ; SD 1.5444
## 95% confidence interval: 1 - 6.2858
```

2#anse machette@bouillante-2009



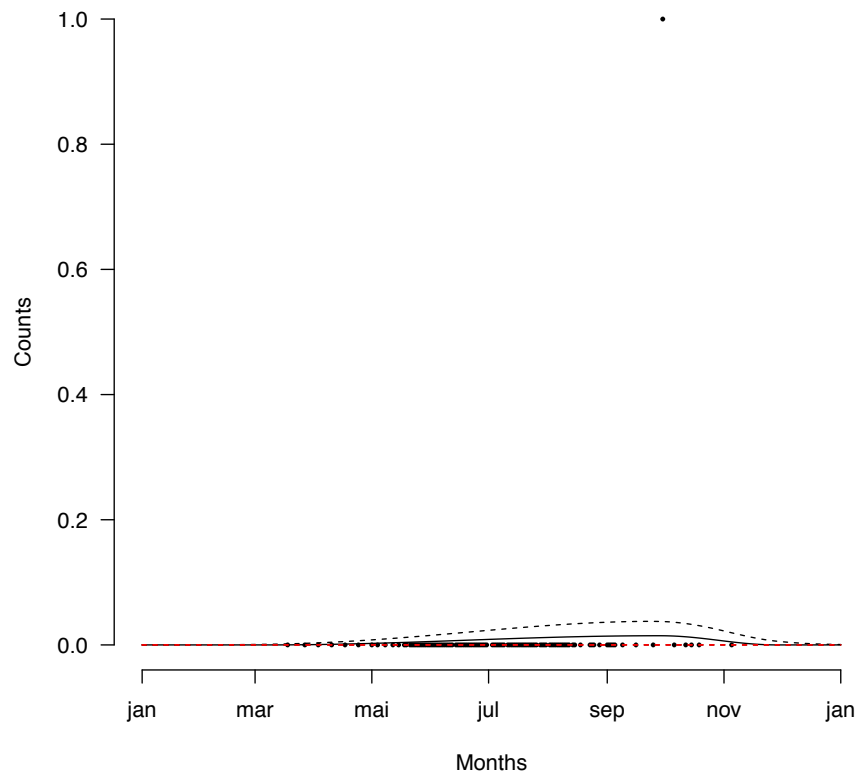
```
##
## Number of timeseries: 1
## -----
## 2#anse machette@bouillante-2009
## -----
## Estimation without the observed data
## Total number of counts: 2.9726 ; SD 2.1321
## Estimation taking into account the observed data
## Total number of counts: 2.8799 ; SD 1.3777
## 95% confidence interval: 1 - 5.6354
```

2#anse machette@bouillante-2010



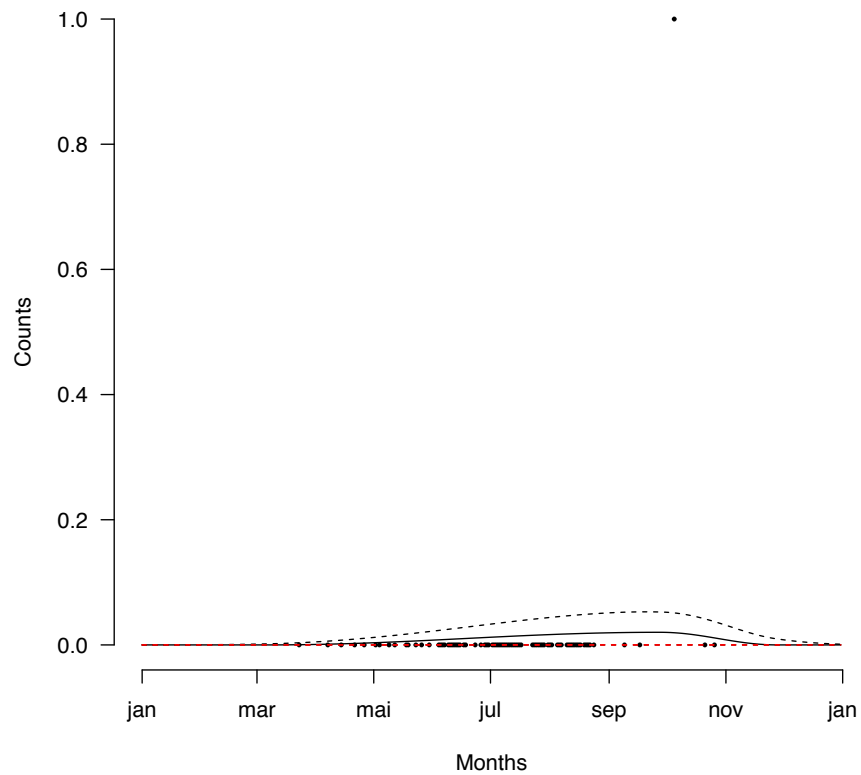
```
##
## Number of timeseries: 1
## -----
## 2#anse machette@bouillante-2010
## -----
## Estimation without the observed data
## Total number of counts: 2.1819 ; SD 1.5137
## Estimation taking into account the observed data
## Total number of counts: 2.0714 ; SD 0.7651
## 95% confidence interval: 1 - 3.6016
```

2#anse machette@bouillante-2011



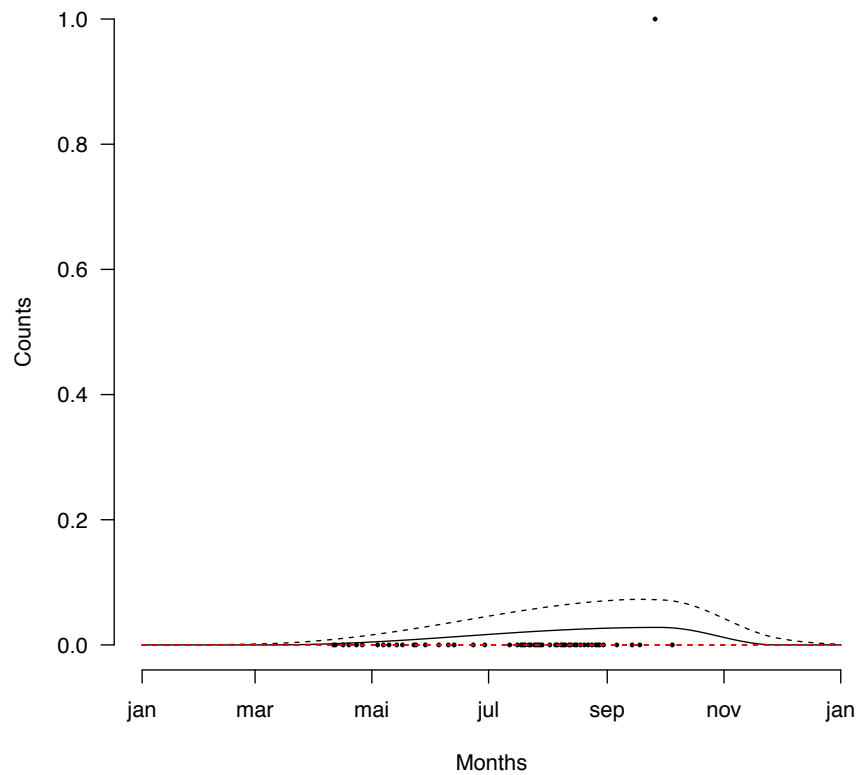
```
##
## Number of timeseries: 1
## -----
## 2#anse machette@bouillante-2011
## -----
## Estimation without the observed data
## Total number of counts: 2.3314 ; SD 1.5736
## Estimation taking into account the observed data
## Total number of counts: 2.1706 ; SD 0.8167
## 95% confidence interval: 1 - 3.804
```

2#anse machette@bouillante-2012



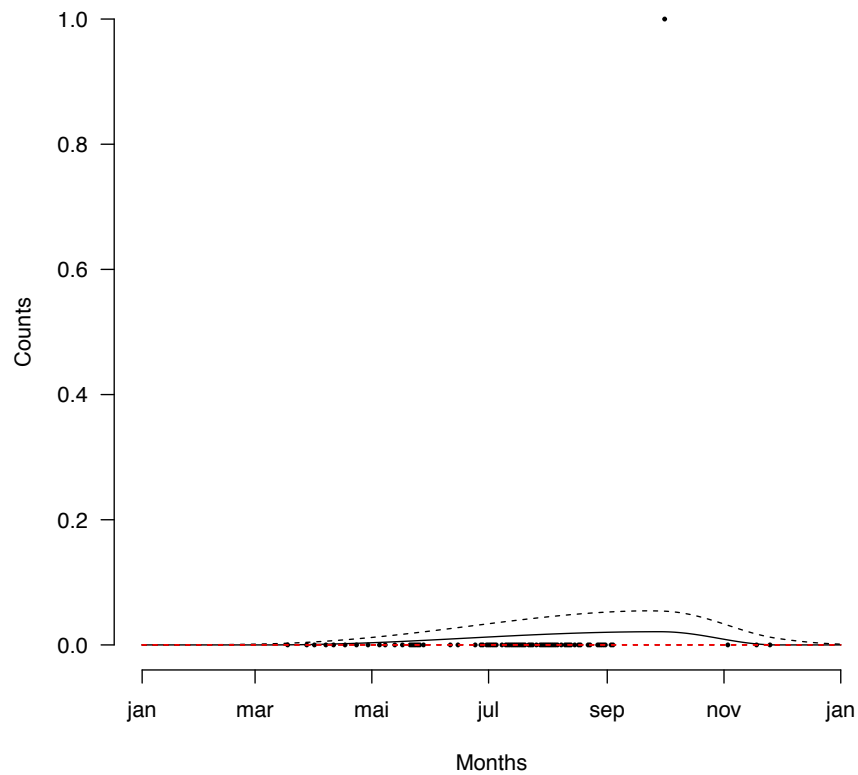
```
##
## Number of timeseries: 1
## -----
## 2#anse machette@bouillante-2012
## -----
## Estimation without the observed data
## Total number of counts: 3.2059 ; SD 2.2633
## Estimation taking into account the observed data
## Total number of counts: 3.0567 ; SD 1.4772
## 95% confidence interval: 1 - 6.011
```

2#anse machette@bouillante-2013



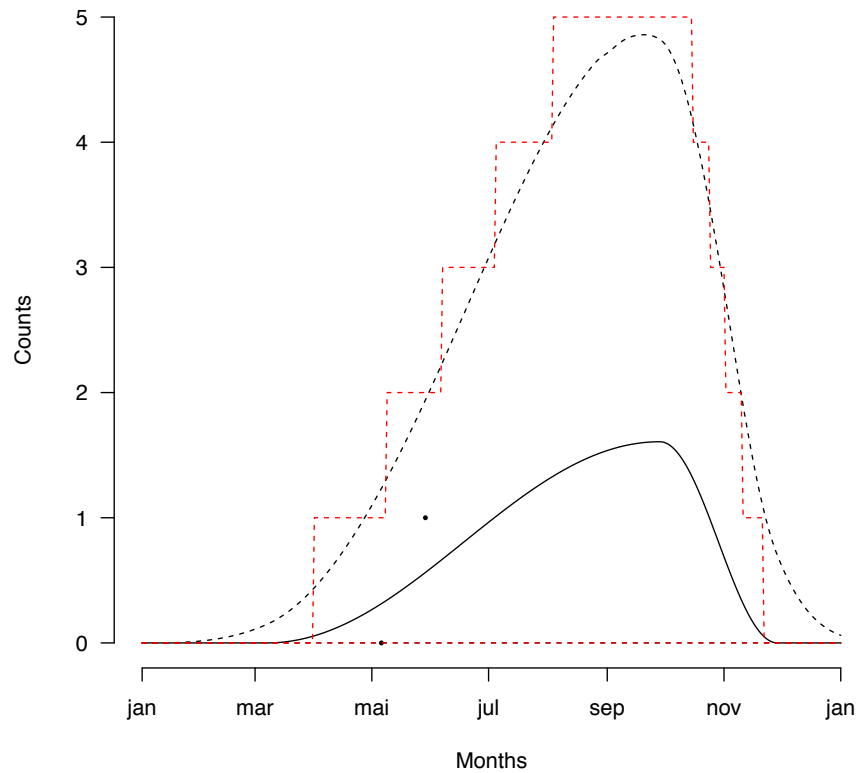
```
##
## Number of timeseries: 1
## -----
## 2#anse machette@bouillante-2013
## -----
## Estimation without the observed data
## Total number of counts: 4.3174 ; SD 3.1183
## Estimation taking into account the observed data
## Total number of counts: 4.1898 ; SD 2.3162
## 95% confidence interval: 1 - 8.8222
```

2#anse machette@bouillante-2014



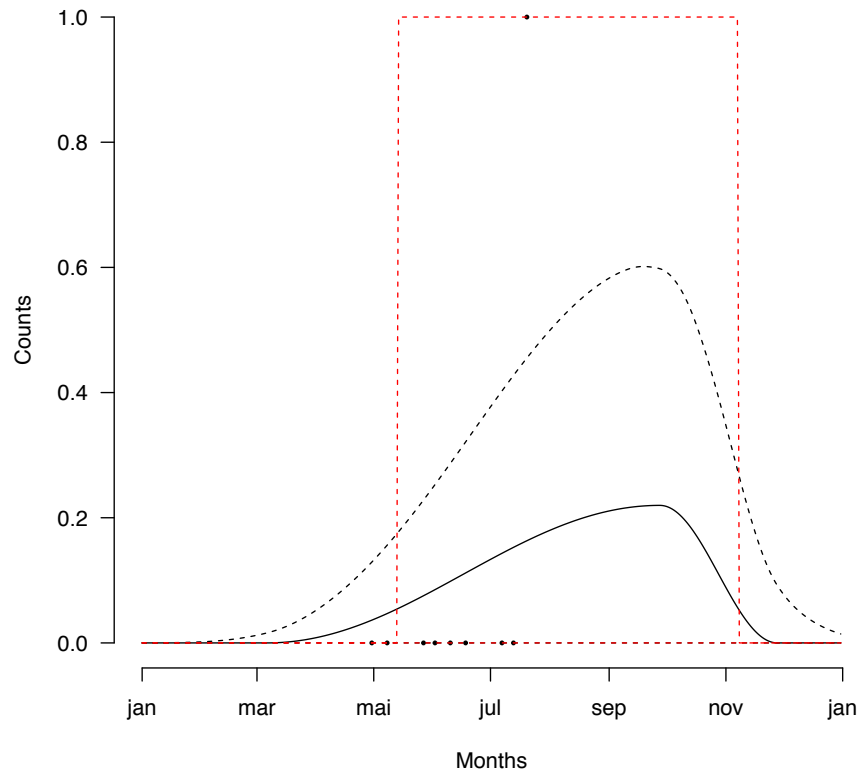
```
##
## Number of timeseries: 1
## -----
## 2#anse machette@bouillante-2014
## -----
## Estimation without the observed data
## Total number of counts: 3.3202 ; SD 2.3135
## Estimation taking into account the observed data
## Total number of counts: 3.1739 ; SD 1.5389
## 95% confidence interval: 1 - 6.2516
```


2#anse marigot@pointe noire-2006



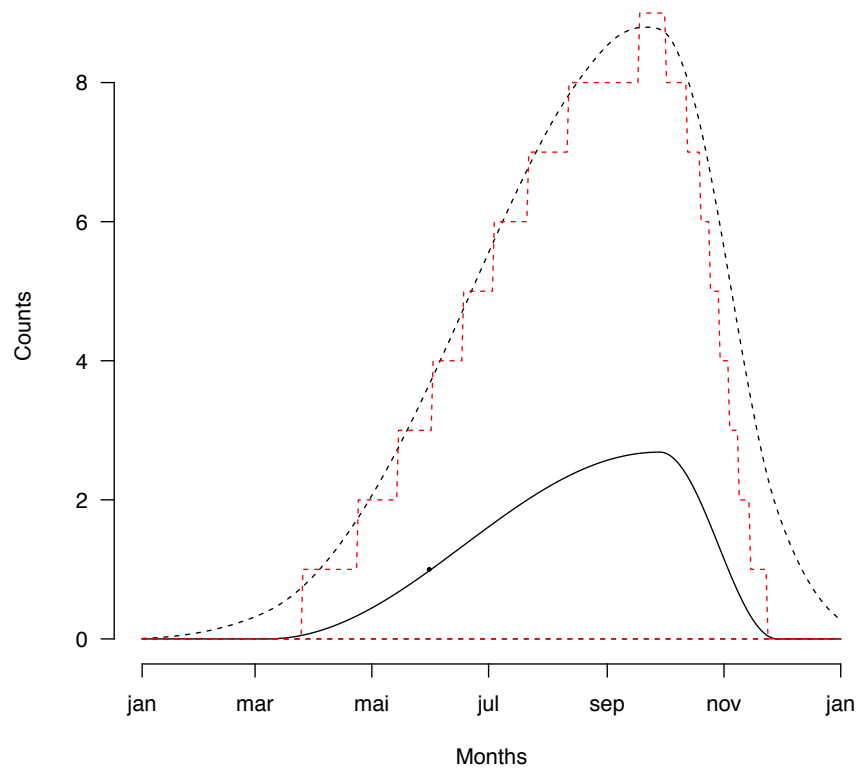
```
##
## Number of timeseries: 1
## -----
## 2#anse marigot@pointe noire-2006
## -----
## Estimation without the observed data
## Total number of counts: 301.4662 ; SD 225.1163
## Estimation taking into account the observed data
## Total number of counts: 301.2205 ; SD 224.1348
## 95% confidence interval: 1 - 749.4901
```

2#anse marigot@pointe noire-2008



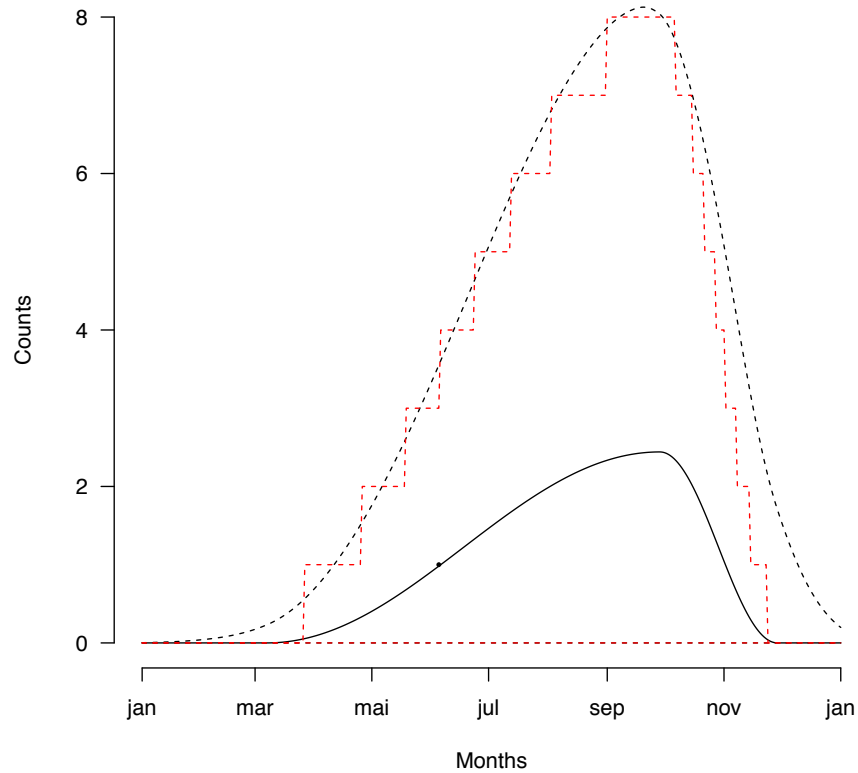
```
##
## Number of timeseries: 1
## -----
## 2#anse marigot@pointe noire-2008
## -----
## Estimation without the observed data
## Total number of counts: 36.7709 ; SD 26.1546
## Estimation taking into account the observed data
## Total number of counts: 36.6371 ; SD 25.3506
## 95% confidence interval: 1 - 87.3383
```

2#anse marigot@pointe noire-2010



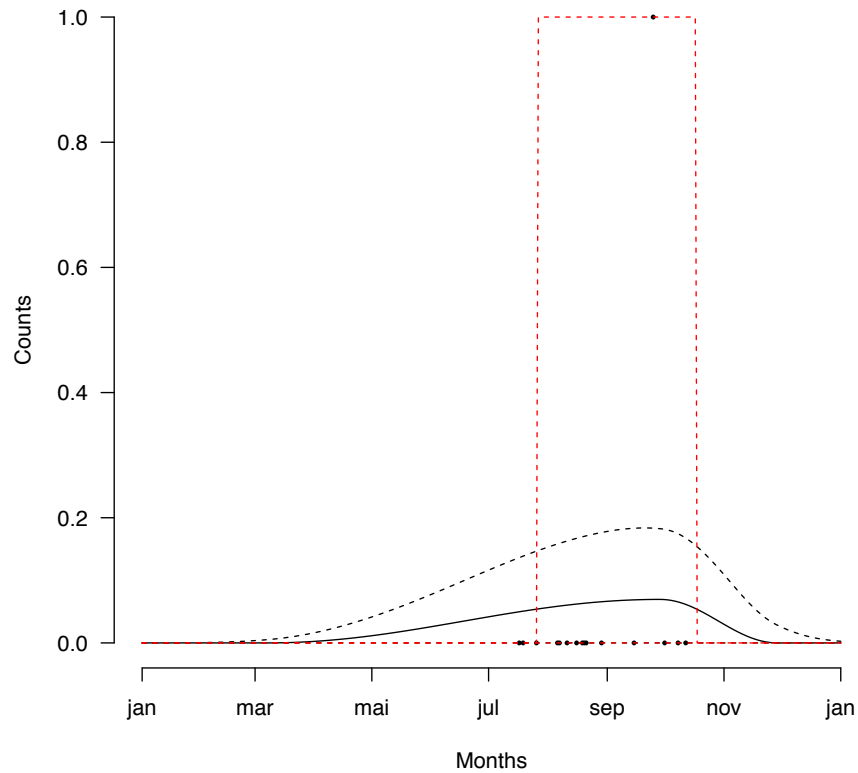
```
##
## Number of timeseries: 1
## -----
## 2#anse marigot@pointe noire-2010
## -----
## Estimation without the observed data
## Total number of counts: 586.0321 ; SD 430.3145
## Estimation taking into account the observed data
## Total number of counts: 585.4691 ; SD 429.1449
## 95% confidence interval: 1 - 1443.7589
```

2#anse marigot@pointe noire-2011



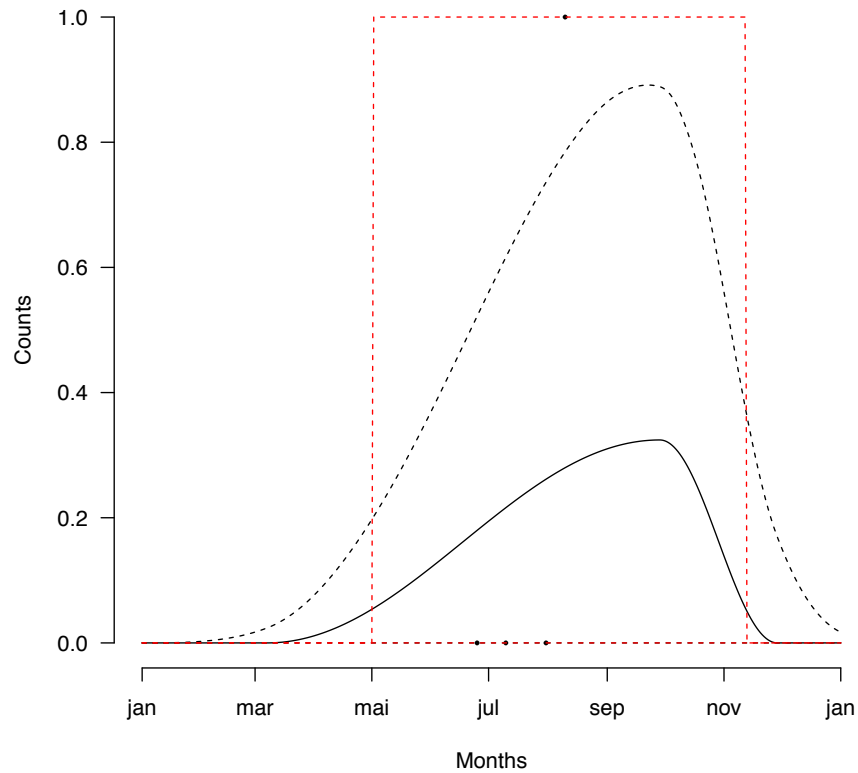
```
##
## Number of timeseries: 1
## -----
## 2#anse marigot@pointe noire-2011
## -----
## Estimation without the observed data
## Total number of counts: 516.2342 ; SD 394.0324
## Estimation taking into account the observed data
## Total number of counts: 515.7164 ; SD 392.8699
## 95% confidence interval: 1 - 1301.4563
```

2#anse marigot@pointe noire-2013



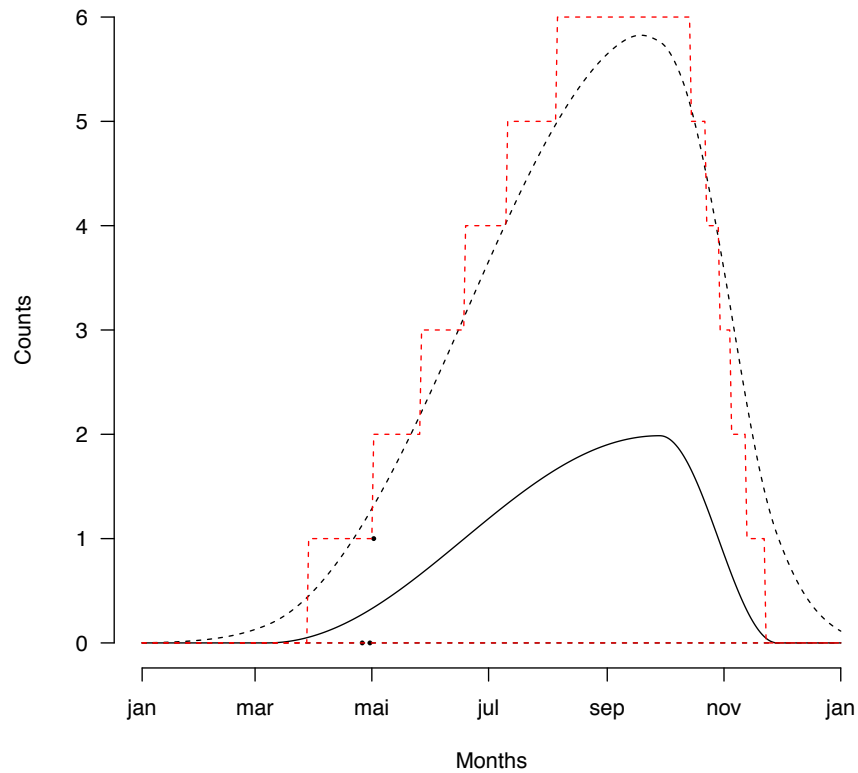
```
##
## Number of timeseries: 1
## -----
## 2#anse marigot@pointe noire-2013
## -----
## Estimation without the observed data
## Total number of counts: 11.1738 ; SD 7.9463
## Estimation taking into account the observed data
## Total number of counts: 11.0257 ; SD 7.1441
## 95% confidence interval: 1 - 25.3139
```

2#anse marigot@pointe noire-2014



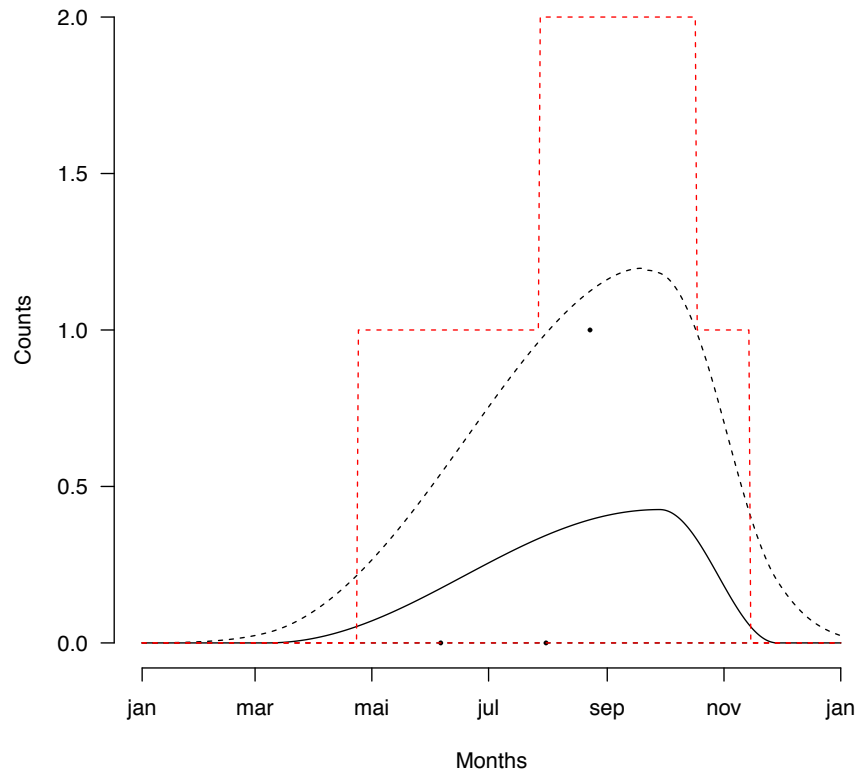
```
##
## Number of timeseries: 1
## -----
## 2#anse marigot@pointe noire-2014
## -----
## Estimation without the observed data
## Total number of counts: 55.4752 ; SD 39.7167
## Estimation taking into account the observed data
## Total number of counts: 55.2989 ; SD 38.8882
## 95% confidence interval: 1 - 133.0752
```

2#anse poulain@vieux habitants-2006



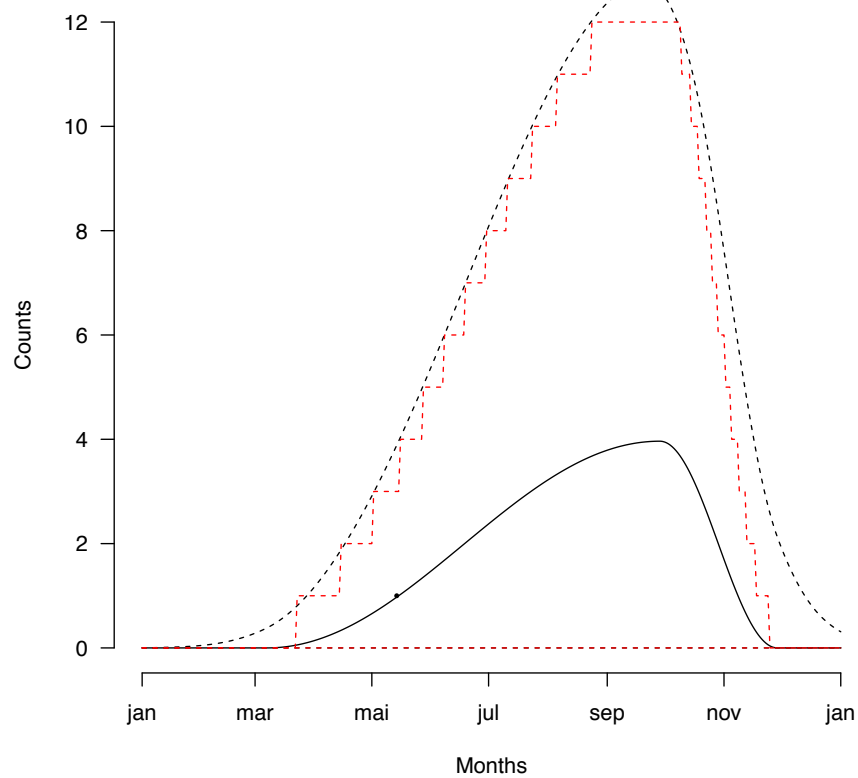
```
##
## Number of timeseries: 1
## -----
## 2#anse poulain@vieux habitants-2006
## -----
## Estimation without the observed data
## Total number of counts: 368.841 ; SD 267.0522
## Estimation taking into account the observed data
## Total number of counts: 368.4603 ; SD 266.0128
## 95% confidence interval: 1 - 900.4858
```

2#anse poulain@vieux habitants-2011



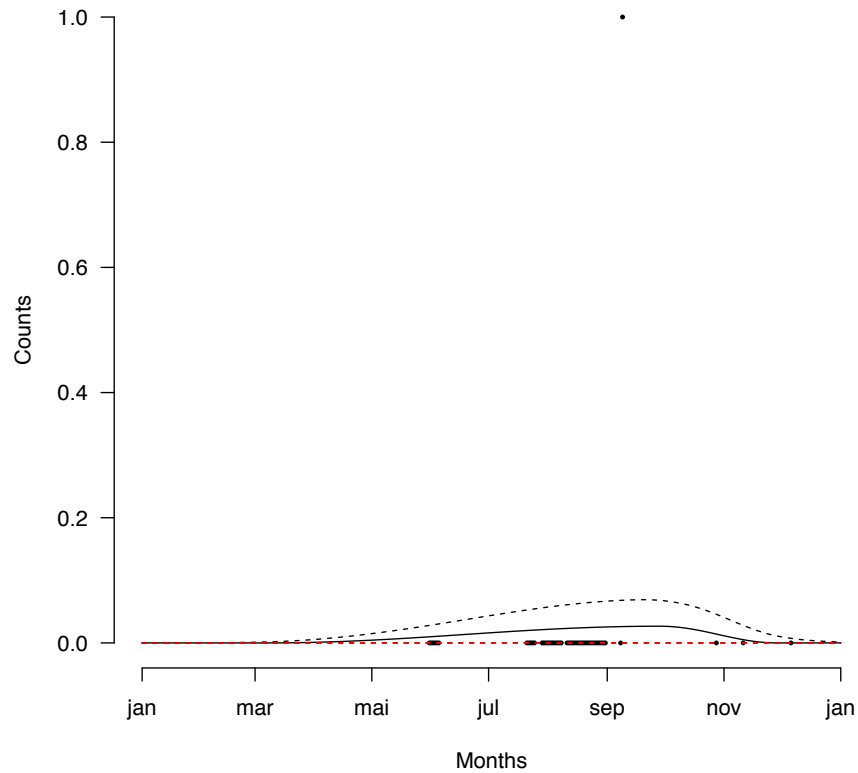
```
##
## Number of timeseries: 1
## -----
## 2#anse poulain@vieux habitants-2011
## -----
## Estimation without the observed data
## Total number of counts: 72.346 ; SD 53.146
## Estimation taking into account the observed data
## Total number of counts: 72.1929 ; SD 52.305
## 95% confidence interval: 1 - 176.803
```


2#anse sable@bouillante-2006



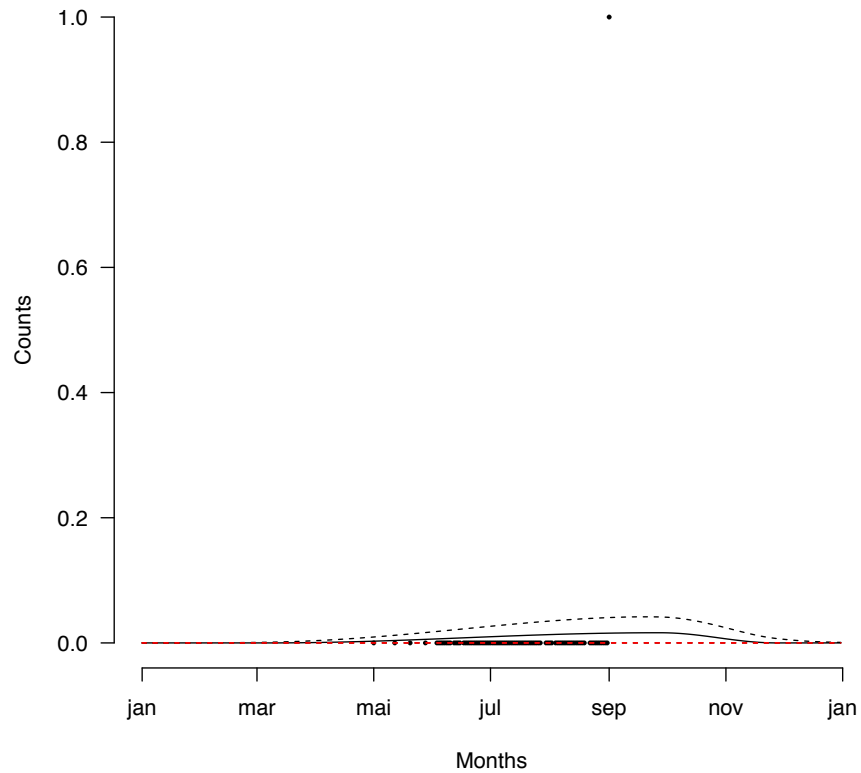
```
##
## Number of timeseries: 1
## -----
## 2#anse sable@bouillante-2006
## -----
## Estimation without the observed data
## Total number of counts: 840.9537 ; SD 608.9457
## Estimation taking into account the observed data
## Total number of counts: 840.3559 ; SD 607.7254
## 95% confidence interval: 1 - 2055.8067
```

2#anse sable@bouillante-2007



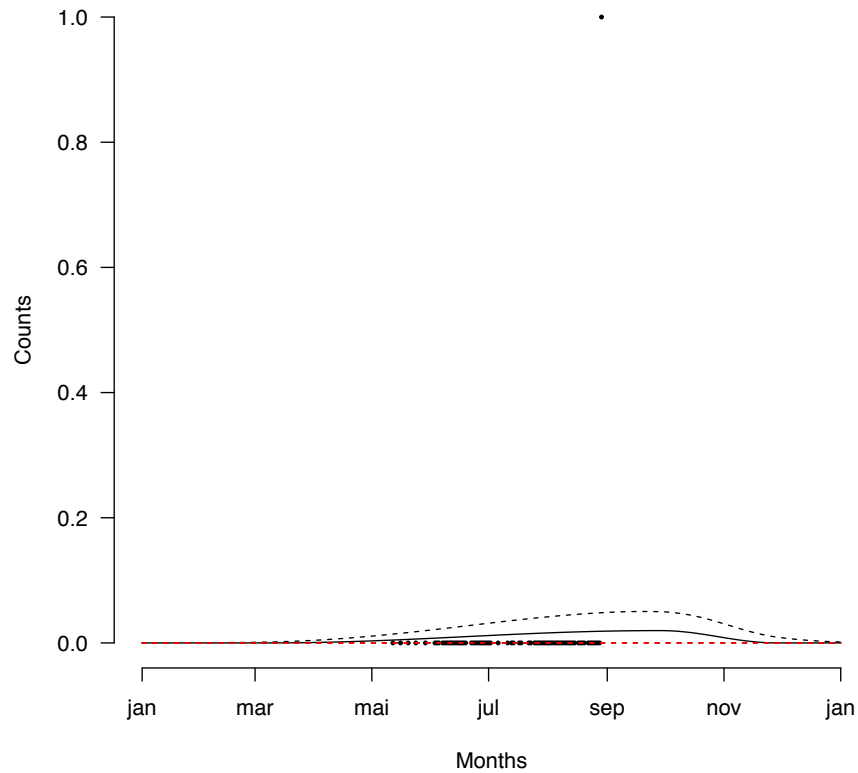
```
##
## Number of timeseries: 1
## -----
## 2#anse sable@bouillante-2007
## -----
## Estimation without the observed data
## Total number of counts: 4.049 ; SD 2.8914
## Estimation taking into account the observed data
## Total number of counts: 3.9306 ; SD 2.1025
## 95% confidence interval: 1 - 8.1357
```

2#anse sable@bouillante-2008



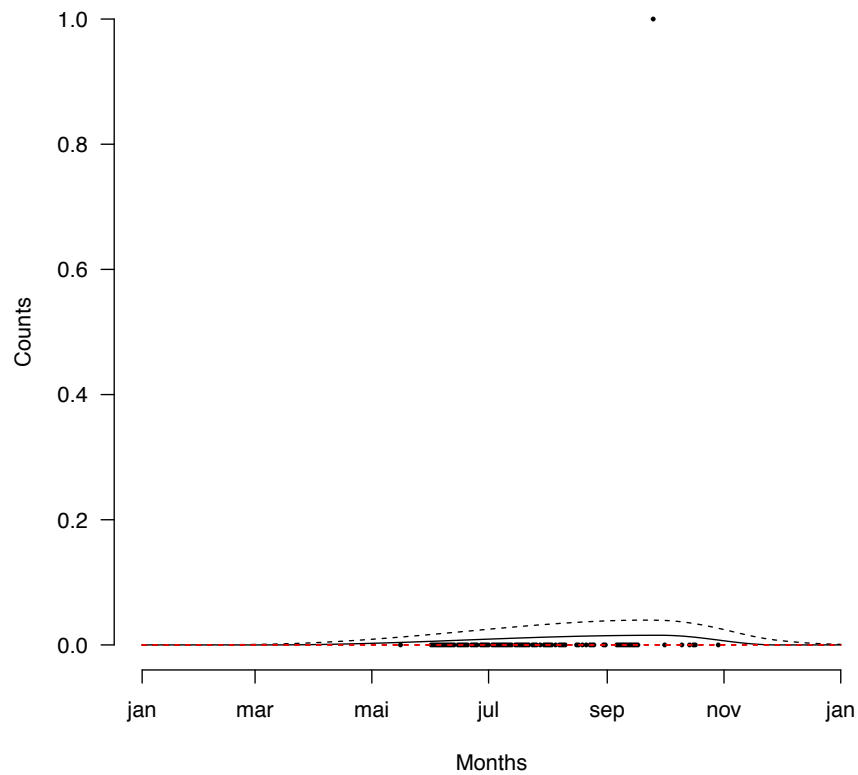
```
##
## Number of timeseries: 1
## -----
## 2#anse sable@bouillante-2008
## -----
## Estimation without the observed data
## Total number of counts: 2.5118 ; SD 1.7758
## Estimation taking into account the observed data
## Total number of counts: 2.3851 ; SD 1.006
## 95% confidence interval: 1 - 4.3971
```

2#anse sable@bouillante-2009



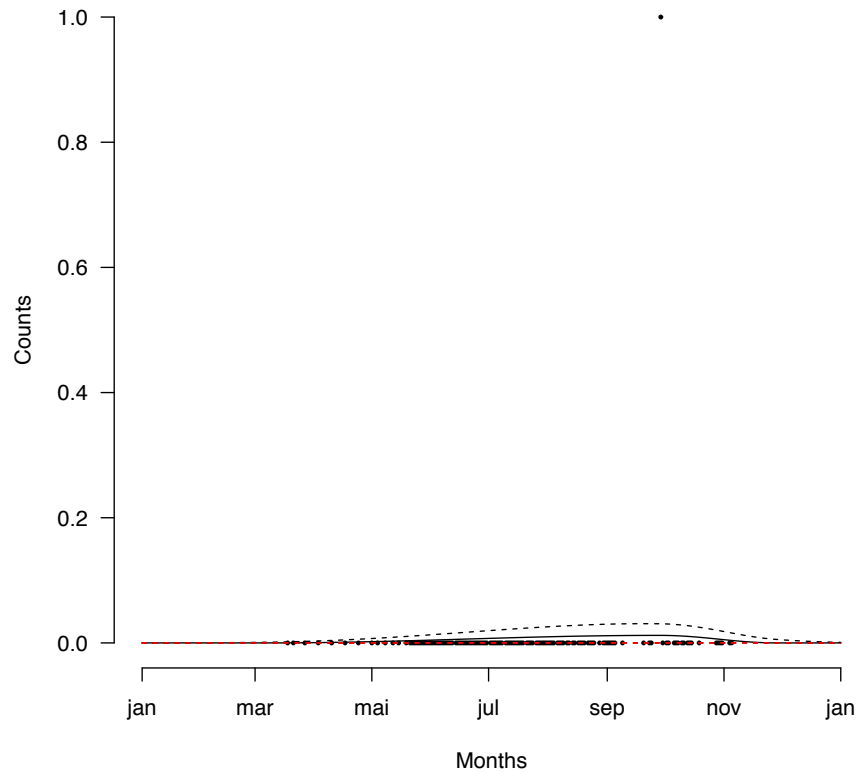
```
##
## Number of timeseries: 1
## -----
## 2#anse sable@bouillante-2009
## -----
## Estimation without the observed data
## Total number of counts: 3.0556 ; SD 2.1055
## Estimation taking into account the observed data
## Total number of counts: 2.9233 ; SD 1.3504
## 95% confidence interval: 1 - 5.6242
```

2#anse sable@bouillante-2010



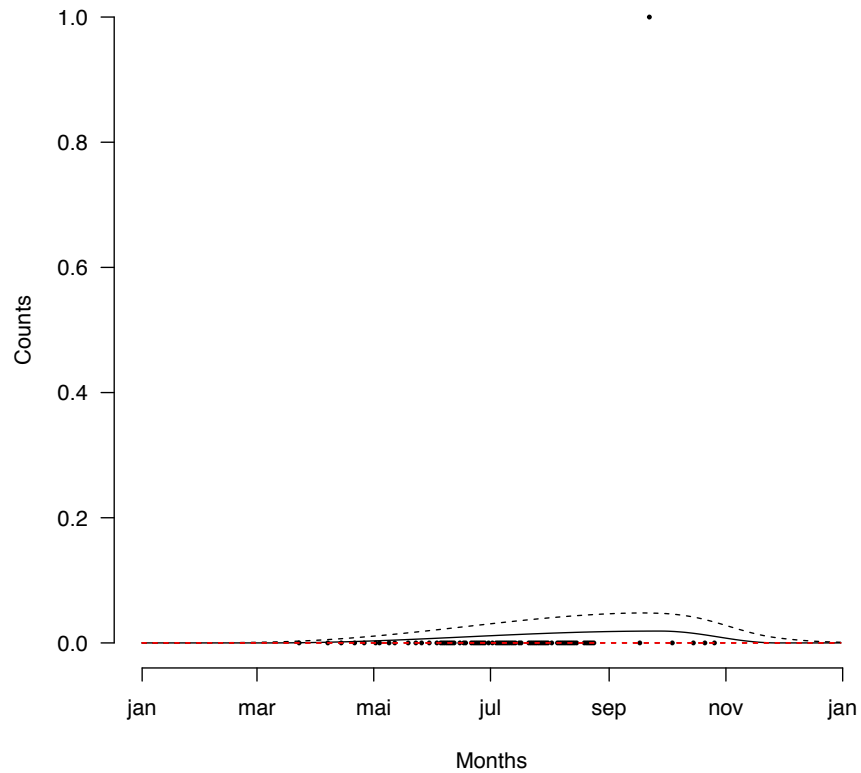
```
##
## Number of timeseries: 1
## -----
## 2#anse sable@bouillante-2010
## -----
## Estimation without the observed data
## Total number of counts: 2.472 ; SD 1.7035
## Estimation taking into account the observed data
## Total number of counts: 2.3064 ; SD 0.9283
## 95% confidence interval: 1 - 4.163
```

2#anse sable@bouillante-2011



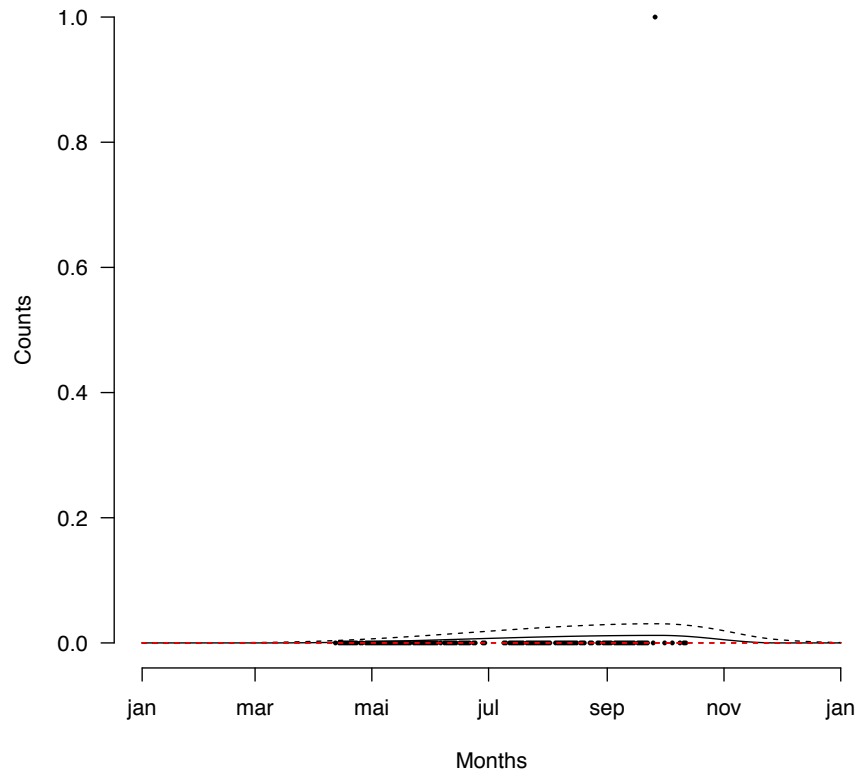
```
##
## Number of timeseries: 1
## -----
## 2#anse sable@bouillante-2011
## -----
## Estimation without the observed data
## Total number of counts: 1.859 ; SD 1.3028
## Estimation taking into account the observed data
## Total number of counts: 1.7354 ; SD 0.5325
## 95% confidence interval: 1 - 2.8004
```

2#anse sable@bouillante-2012



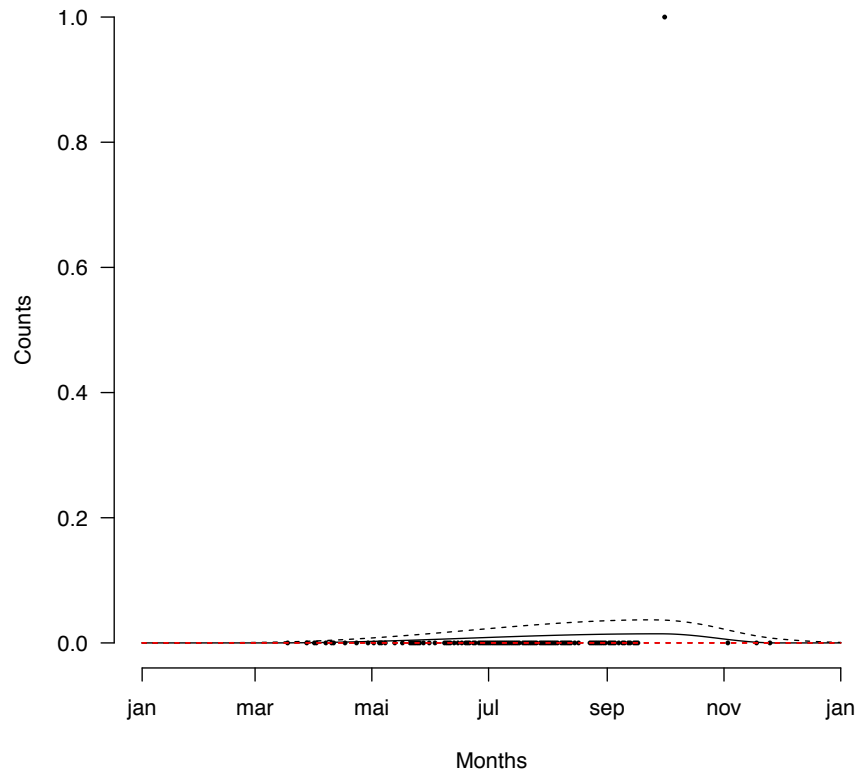
```
##
## Number of timeseries: 1
## -----
## 2#anse sable@bouillante-2012
## -----
## Estimation without the observed data
## Total number of counts: 2.9283 ; SD 2.0077
## Estimation taking into account the observed data
## Total number of counts: 2.8 ; SD 1.2531
## 95% confidence interval: 1 - 5.3062
```

2#anse sable@bouillante-2013



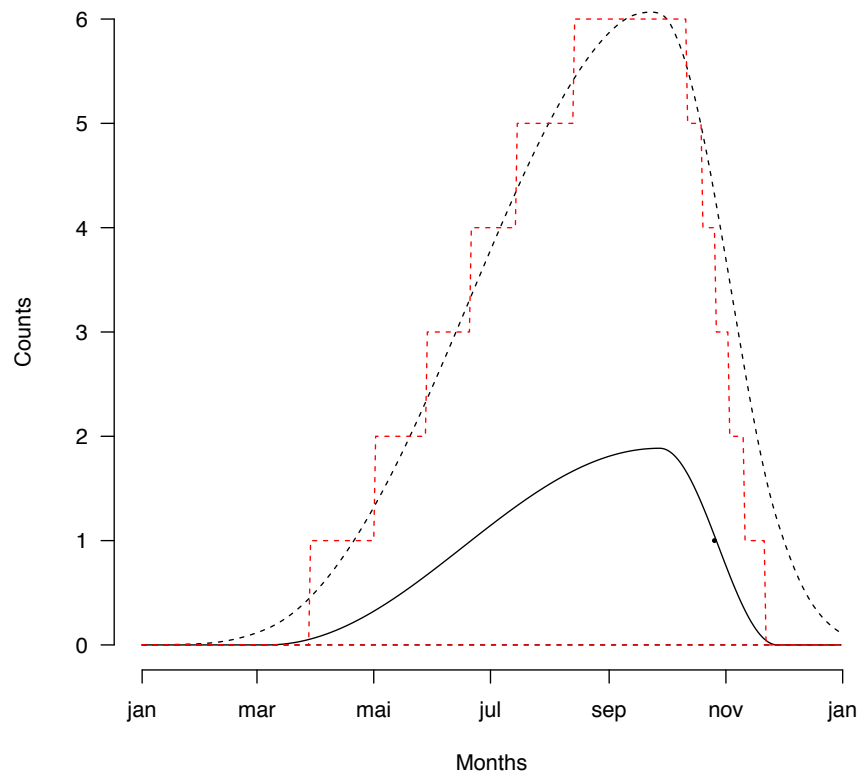
```
##
## Number of timeseries: 1
## -----
## 2#anse sable@bouillante-2013
## -----
## Estimation without the observed data
## Total number of counts: 1.8139 ; SD 1.2888
## Estimation taking into account the observed data
## Total number of counts: 1.7228 ; SD 0.5595
## 95% confidence interval: 1 - 2.8417
```


2#anse sable@bouillante-2014



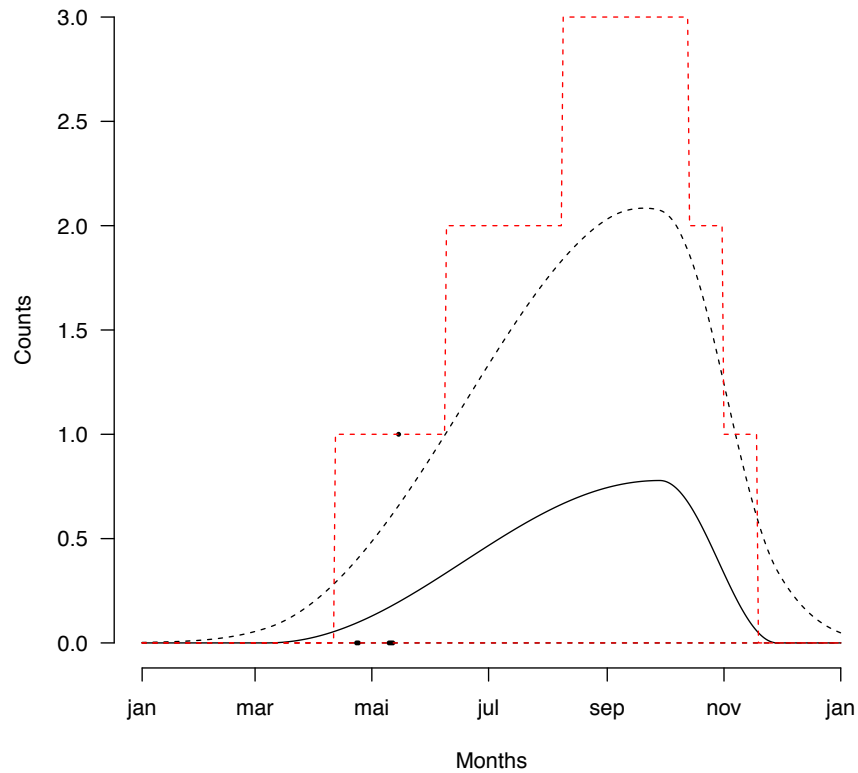
```
##
## Number of timeseries: 1
## -----
## 2#anse sable@bouillante-2014
## -----
## Estimation without the observed data
## Total number of counts: 2.1751 ; SD 1.5394
## Estimation taking into account the observed data
## Total number of counts: 2.0887 ; SD 0.797
## 95% confidence interval: 1 - 3.6826
```

2#anse thomas@bouillante-2012



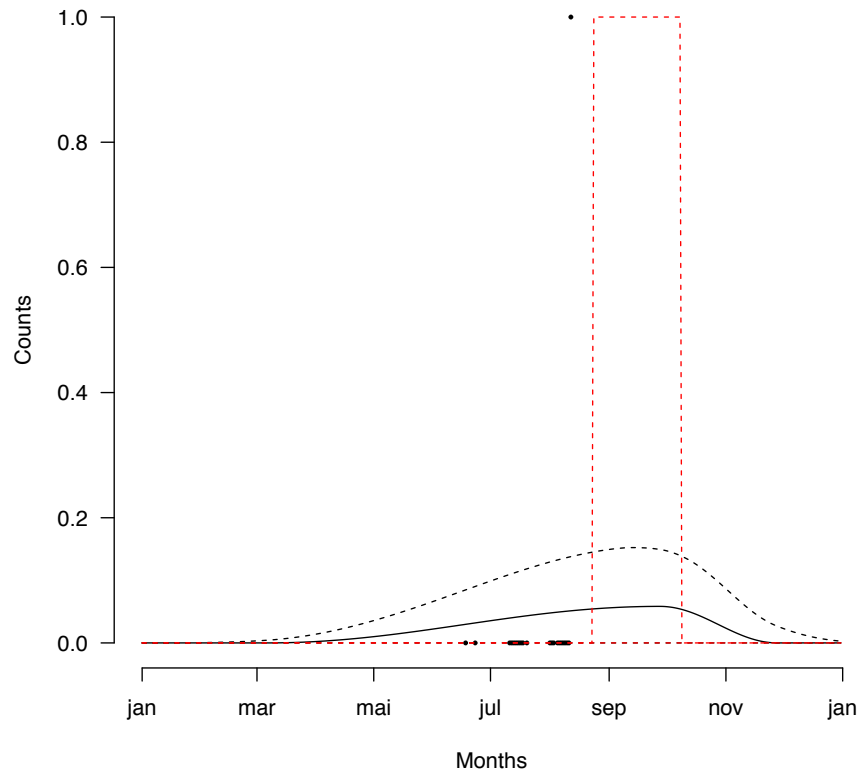
```
##
## Number of timeseries: 1
## -----
## 2#anse thomas@bouillante-2012
## -----
## Estimation without the observed data
## Total number of counts: 394.5597 ; SD 286.7938
## Estimation taking into account the observed data
## Total number of counts: 393.9839 ; SD 285.5899
## 95% confidence interval: 1 - 965.1637
```

2#anse tillet@deshaies-2007



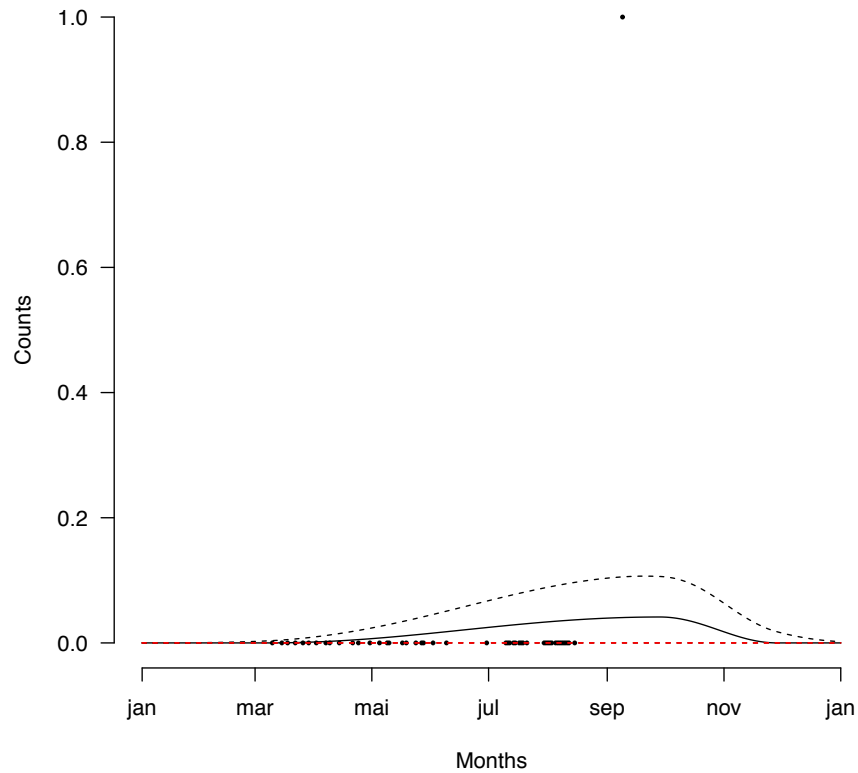
```
##
## Number of timeseries: 1
## -----
## 2#anse tillet@deshaies-2007
## -----
## Estimation without the observed data
## Total number of counts: 133.1484 ; SD 91.2125
## Estimation taking into account the observed data
## Total number of counts: 132.9063 ; SD 90.2966
## 95% confidence interval: 1 - 313.4996
```

2#anse tillet@deshaies-2008



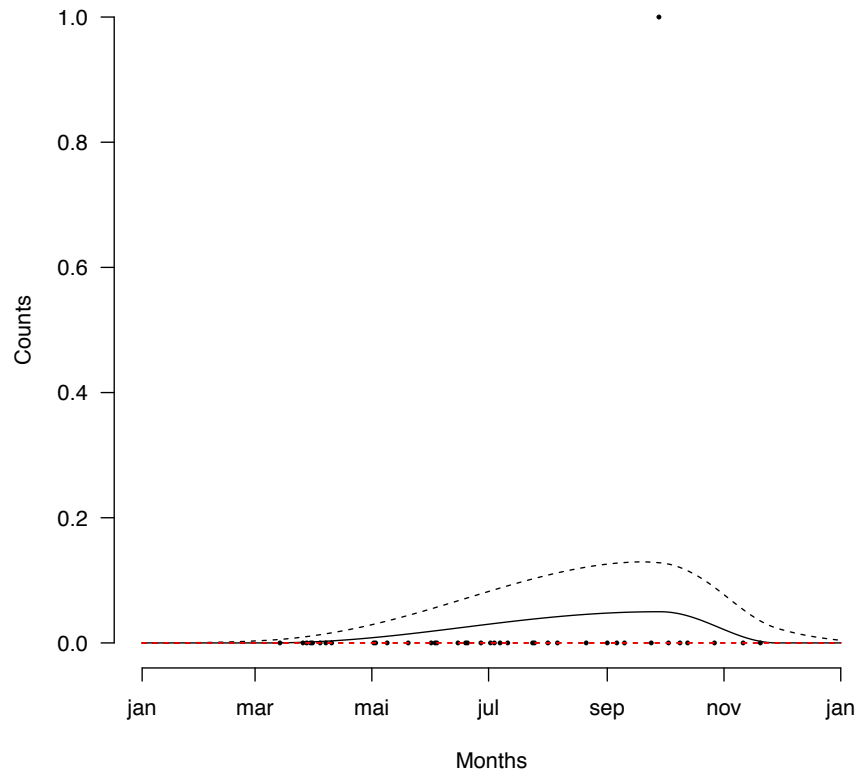
```
##
## Number of timeseries: 1
## -----
## 2#anse tillet@deshaies-2008
## -----
## Estimation without the observed data
## Total number of counts: 8.9085 ; SD 6.5053
## Estimation taking into account the observed data
## Total number of counts: 8.7954 ; SD 5.6903
## 95% confidence interval: 1 - 20.1761
```

2#anse tillet@deshaies-2009



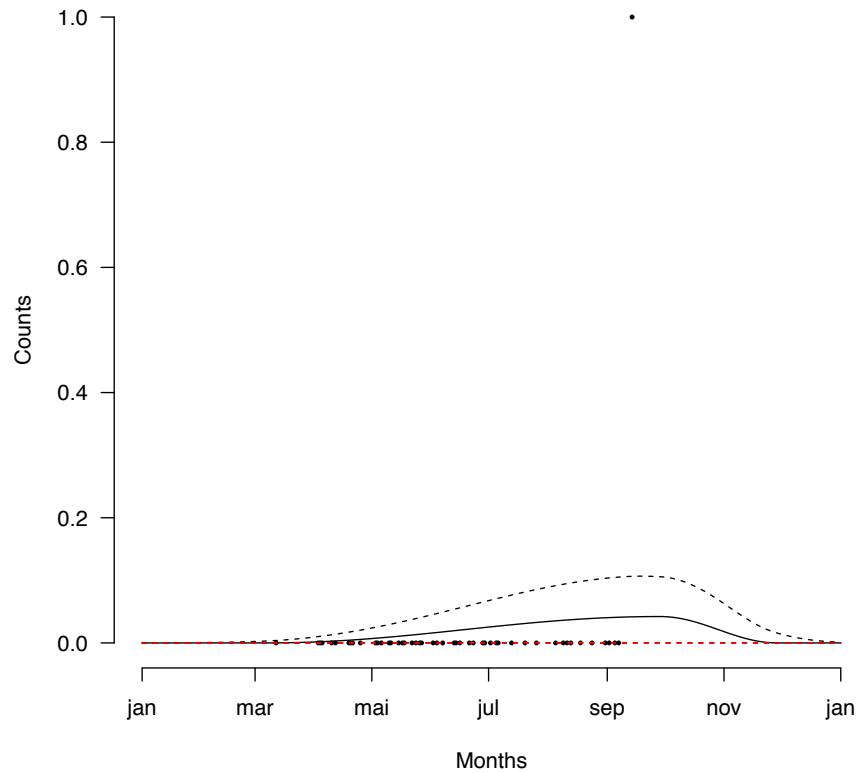
```
##
## Number of timeseries: 1
## -----
## 2#anse tillet@deshaies-2009
## -----
## Estimation without the observed data
## Total number of counts: 6.4657 ; SD 4.5972
## Estimation taking into account the observed data
## Total number of counts: 6.338 ; SD 3.8017
## 95% confidence interval: 1 - 13.9415
```

2#anse tillet@deshaies-2010



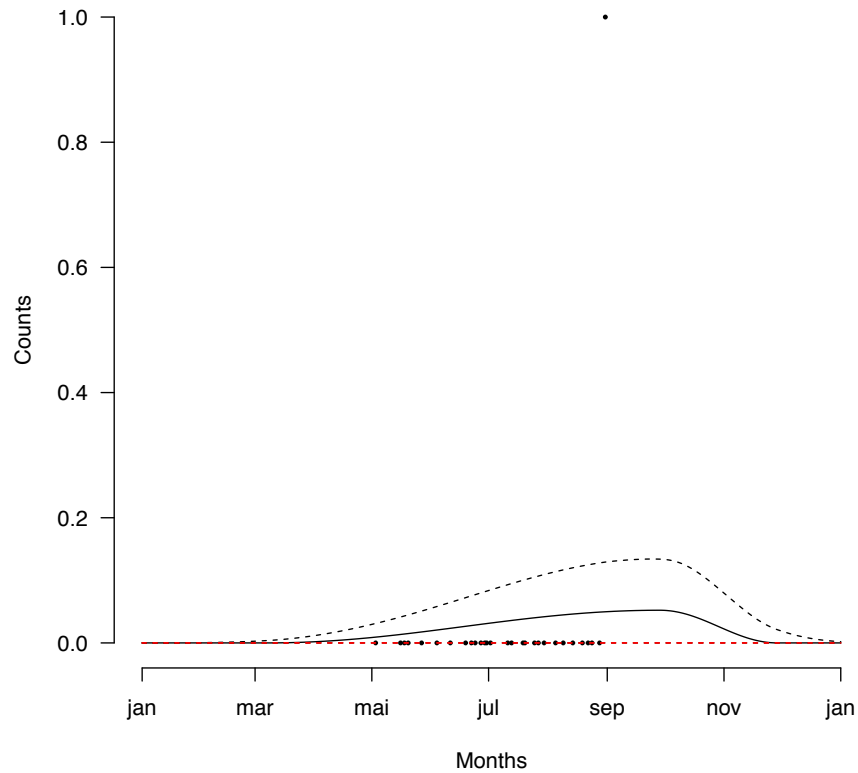
```
##
## Number of timeseries: 1
## -----
## 2#anse tillet@deshaies-2010
## -----
## Estimation without the observed data
## Total number of counts: 8.0254 ; SD 5.5245
## Estimation taking into account the observed data
## Total number of counts: 7.8675 ; SD 4.7296
## 95% confidence interval: 1 - 17.3267
```

2#anse tillet@deshaies-2011



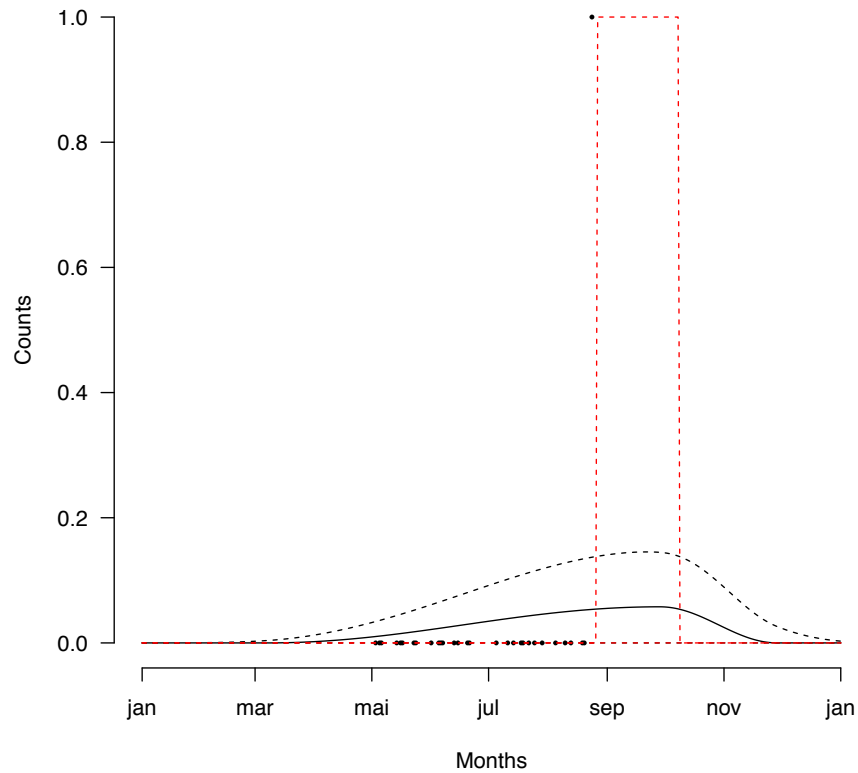
```
##
## Number of timeseries: 1
## -----
## 2#anse tillet@deshaies-2011
## -----
## Estimation without the observed data
## Total number of counts: 6.4285 ; SD 4.4701
## Estimation taking into account the observed data
## Total number of counts: 6.323 ; SD 3.7024
## 95% confidence interval: 1 - 13.7278
```

2#anse tillet@deshaies-2013



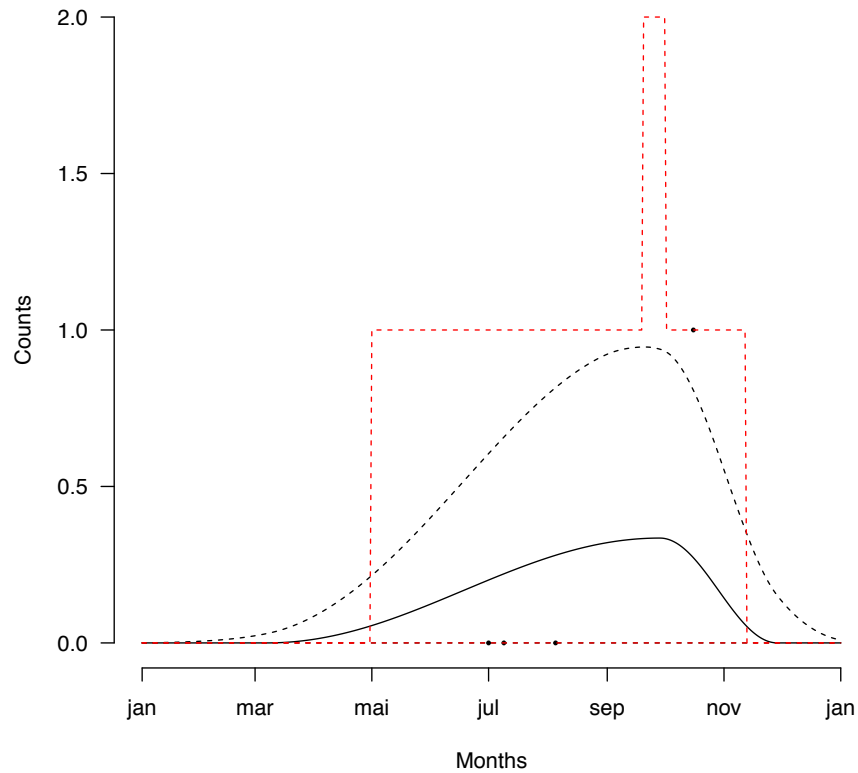
```
##
## Number of timeseries: 1
## -----
## 2#anse tillet@deshaies-2013
## -----
## Estimation without the observed data
## Total number of counts: 8.1991 ; SD 5.6479
## Estimation taking into account the observed data
## Total number of counts: 8.0753 ; SD 4.8836
## 95% confidence interval: 1 - 17.8426
```


2#anse tillet@deshaies-2014



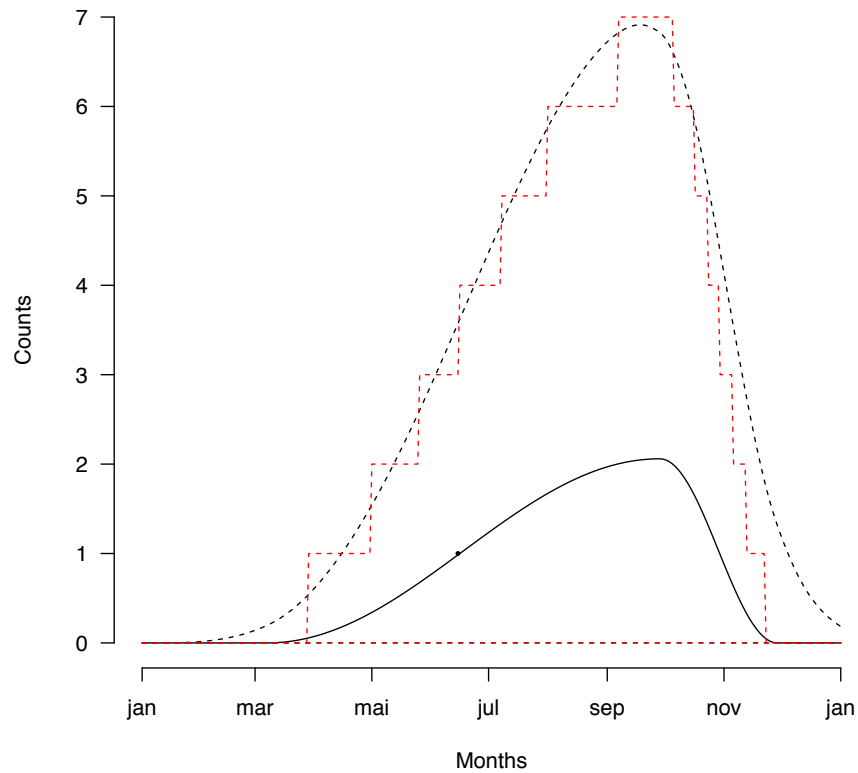
```
##
## Number of timeseries: 1
## -----
## 2#anse tillet@deshaies-2014
## -----
## Estimation without the observed data
## Total number of counts: 8.98 ; SD 6.1302
## Estimation taking into account the observed data
## Total number of counts: 8.8684 ; SD 5.3843
## 95% confidence interval: 1 - 19.637
```

2#bois flotte@bouillante-2010



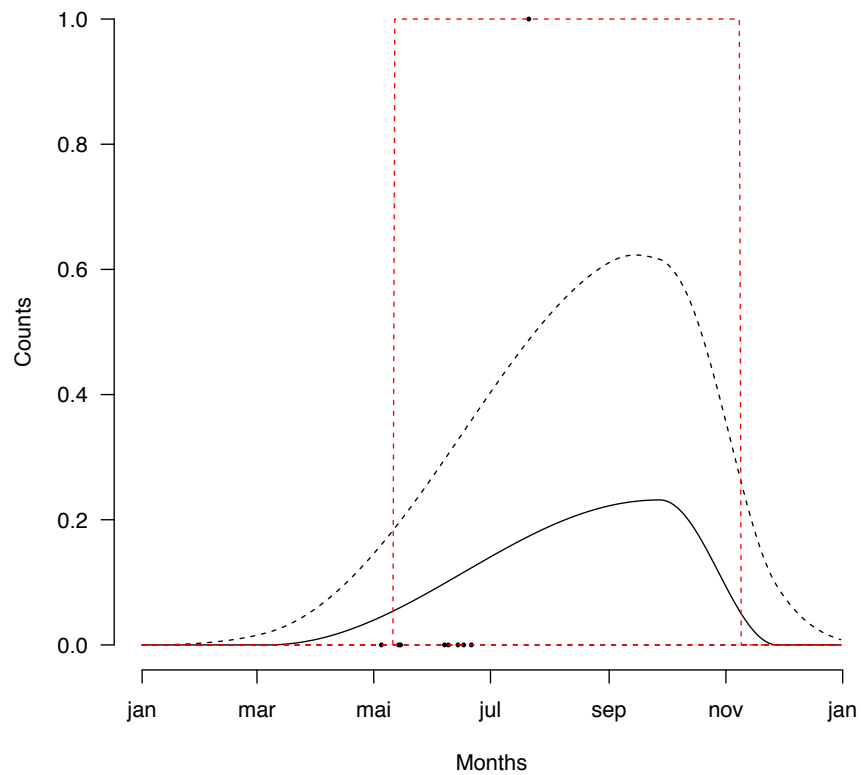
```
##
## Number of timeseries: 1
## -----
## 2#bois flotte@bouillante-2010
## -----
## Estimation without the observed data
## Total number of counts: 57.3111 ; SD 42.4764
## Estimation taking into account the observed data
## Total number of counts: 57.111 ; SD 41.5901
## 95% confidence interval: 1 - 140.2911
```

2#bois flotte@bouillante-2011



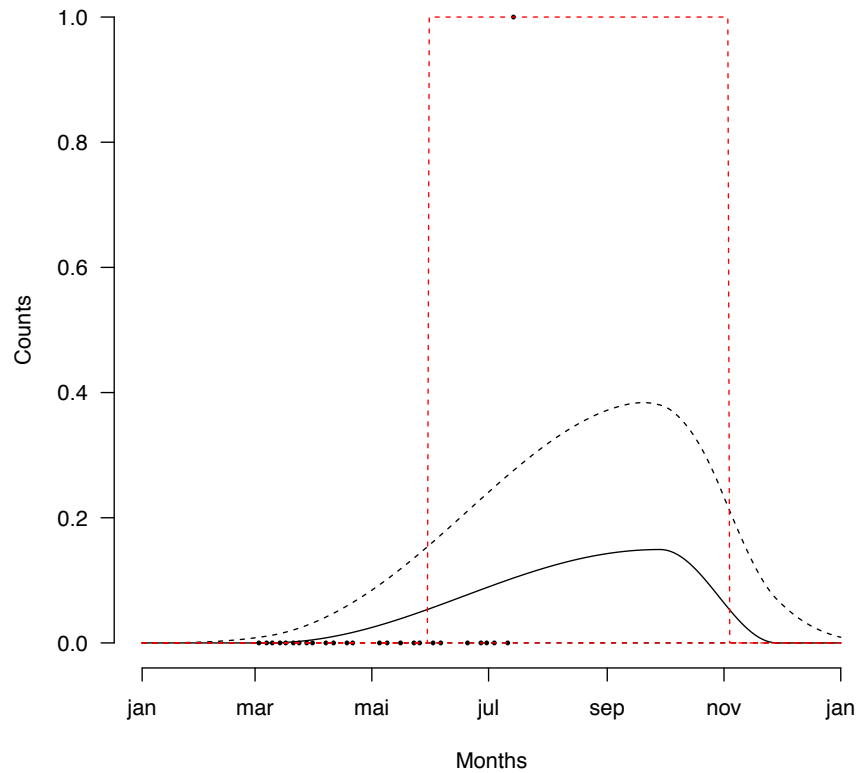
```
##
## Number of timeseries: 1
## -----
## 2#bois flotte@bouillante-2011
## -----
## Estimation without the observed data
## Total number of counts: 451.864 ; SD 335.0891
## Estimation taking into account the observed data
## Total number of counts: 451.2427 ; SD 333.8807
## 95% confidence interval: 1 - 1119.0041
```

2#cluny@sainte rose-2004



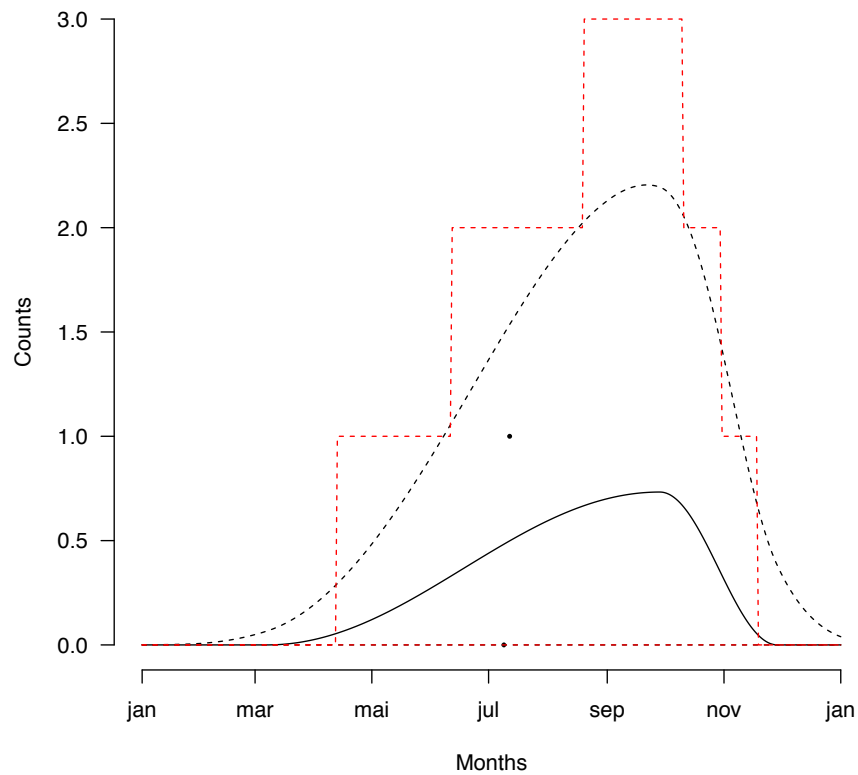
```
##
## Number of timeseries: 1
## -----
## 2#cluny@sainte rose-2004
## -----
## Estimation without the observed data
## Total number of counts: 38.133 ; SD 27.239
## Estimation taking into account the observed data
## Total number of counts: 38.0223 ; SD 26.4275
## 95% confidence interval: 1 - 90.8772
```

2#cluny@sainte rose-2005



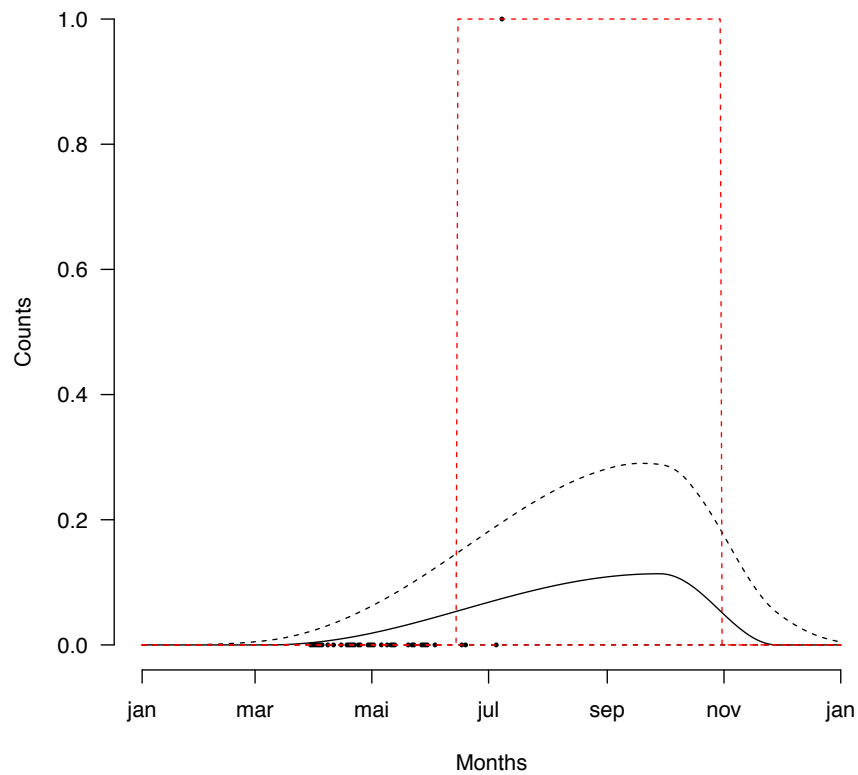
```
##
## Number of timeseries: 1
## -----
## 2#cluny@sainte rose-2005
## -----
## Estimation without the observed data
## Total number of counts: 23.5959 ; SD 16.2043
## Estimation taking into account the observed data
## Total number of counts: 23.4698 ; SD 15.4291
## 95% confidence interval: 1 - 54.328
```

2#cluny@sainte rose-2006



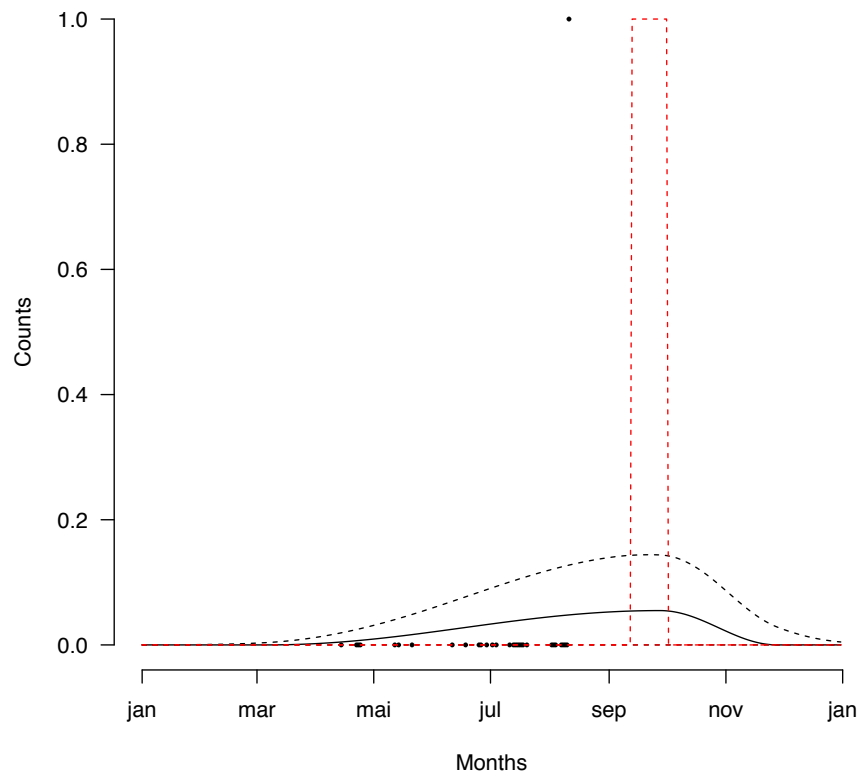
```
##
## Number of timeseries: 1
## -----
## 2#cluny@sainte rose-2006
## -----
## Estimation without the observed data
## Total number of counts: 139.0777 ; SD 101.39
## Estimation taking into account the observed data
## Total number of counts: 138.7072 ; SD 100.407
## 95% confidence interval: 1 - 339.5212
```

2#cluny@sainte rose-2007



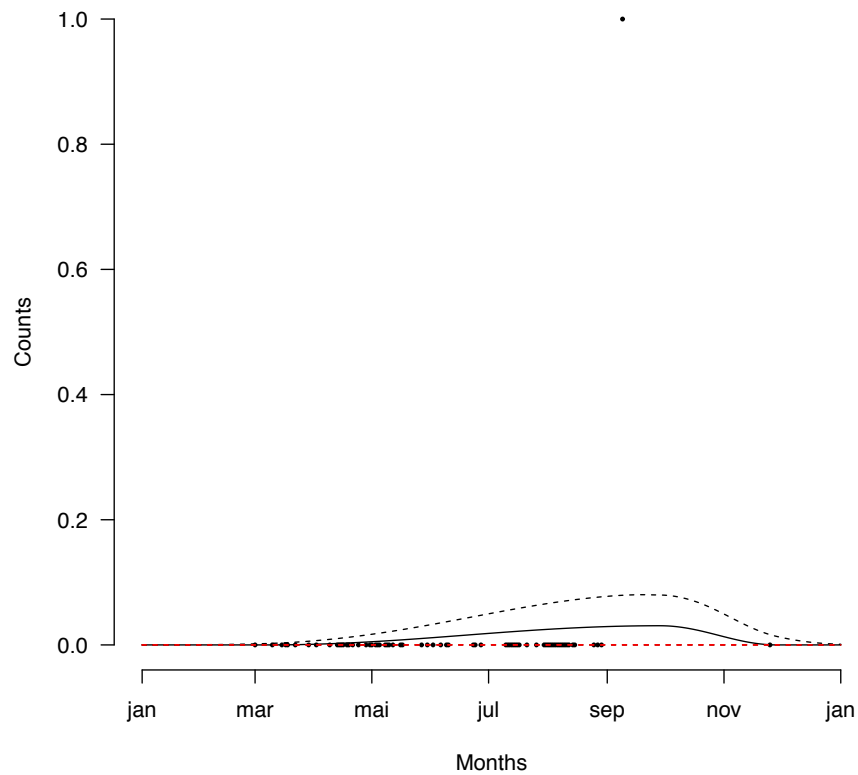
```
##
## Number of timeseries: 1
## -----
## 2#cluny@sainte rose-2007
## -----
## Estimation without the observed data
## Total number of counts: 17.6559 ; SD 12.2076
## Estimation taking into account the observed data
## Total number of counts: 17.5787 ; SD 11.461
## 95% confidence interval: 1 - 40.5007
```

2#cluny@sainte rose-2008



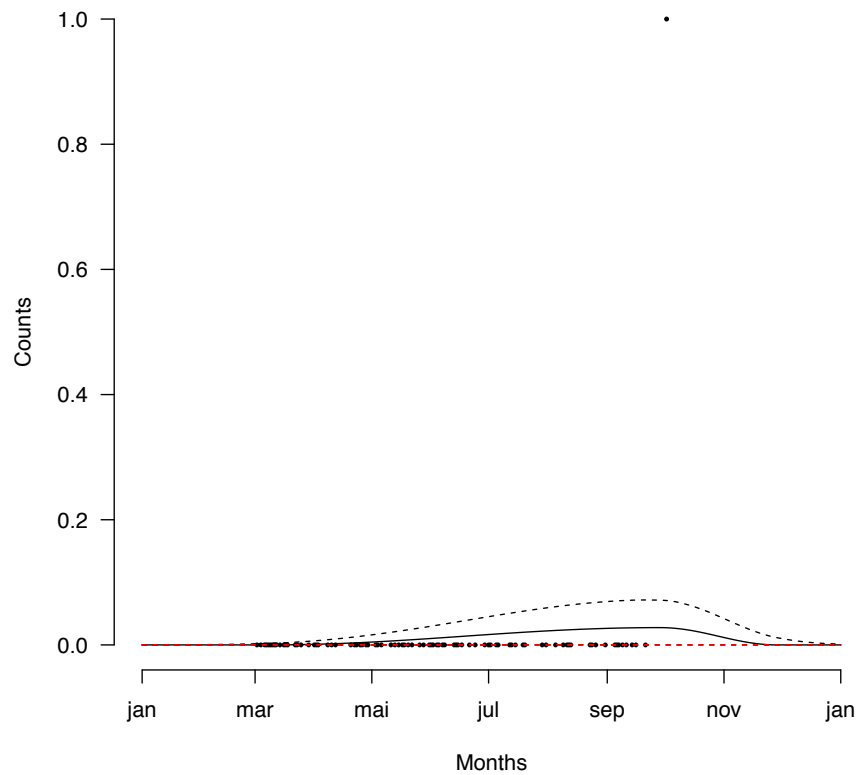
```
##
## Number of timeseries: 1
## -----
## 2#cluny@sainte rose-2008
## -----
## Estimation without the observed data
## Total number of counts: 8.7555 ; SD 6.2706
## Estimation taking into account the observed data
## Total number of counts: 8.6143 ; SD 5.4807
## 95% confidence interval: 1 - 19.5756
```


2#cluny@sainte rose-2009



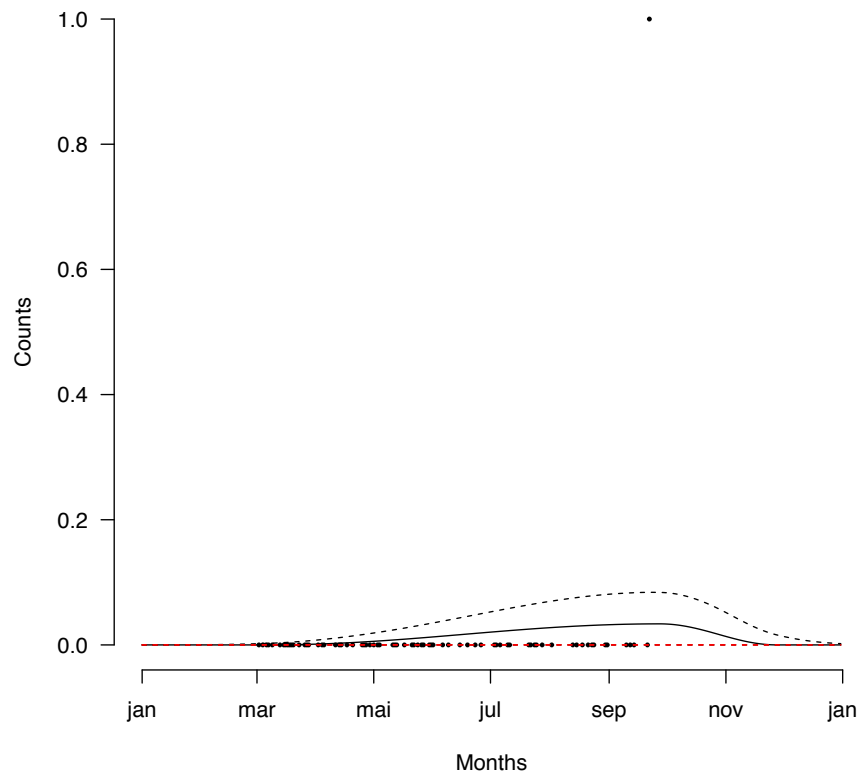
```
##
## Number of timeseries: 1
## -----
## 2#cluny@sainte rose-2009
## -----
## Estimation without the observed data
## Total number of counts: 4.9105 ; SD 3.4087
## Estimation taking into account the observed data
## Total number of counts: 4.7376 ; SD 2.6216
## 95% confidence interval: 1 - 9.9807
```

2#cluny@sainte rose-2011



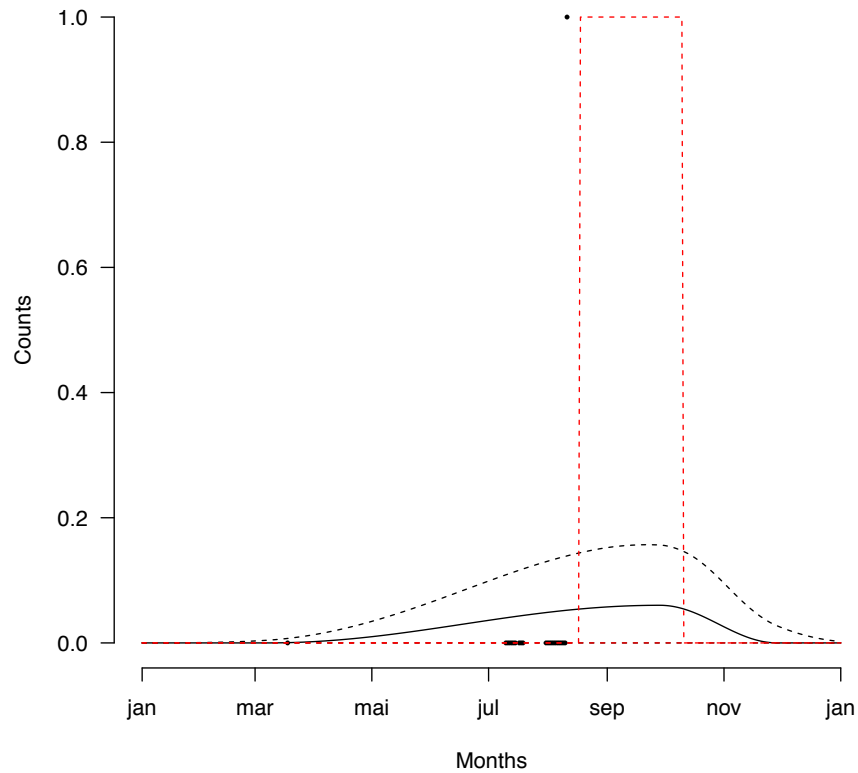
```
##
## Number of timeseries: 1
## -----
## 2#cluny@sainte rose-2011
## -----
## Estimation without the observed data
## Total number of counts: 4.3951 ; SD 3.0682
## Estimation taking into account the observed data
## Total number of counts: 4.2374 ; SD 2.2646
## 95% confidence interval: 1 - 8.7667
```

2#cluny@sainte rose-2012



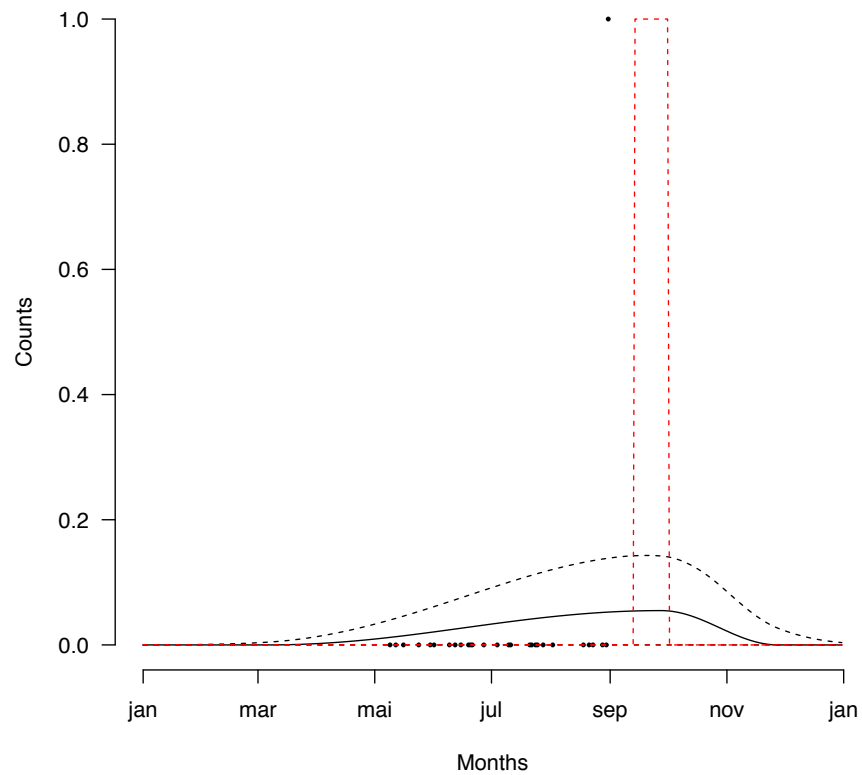
```
##
## Number of timeseries: 1
## -----
## 2#cluny@sainte rose-2012
## -----
## Estimation without the observed data
## Total number of counts: 5.375 ; SD 3.5261
## Estimation taking into account the observed data
## Total number of counts: 5.2207 ; SD 2.7936
## 95% confidence interval: 1 - 10.8078
```

2#fort royal@deshaies-2009



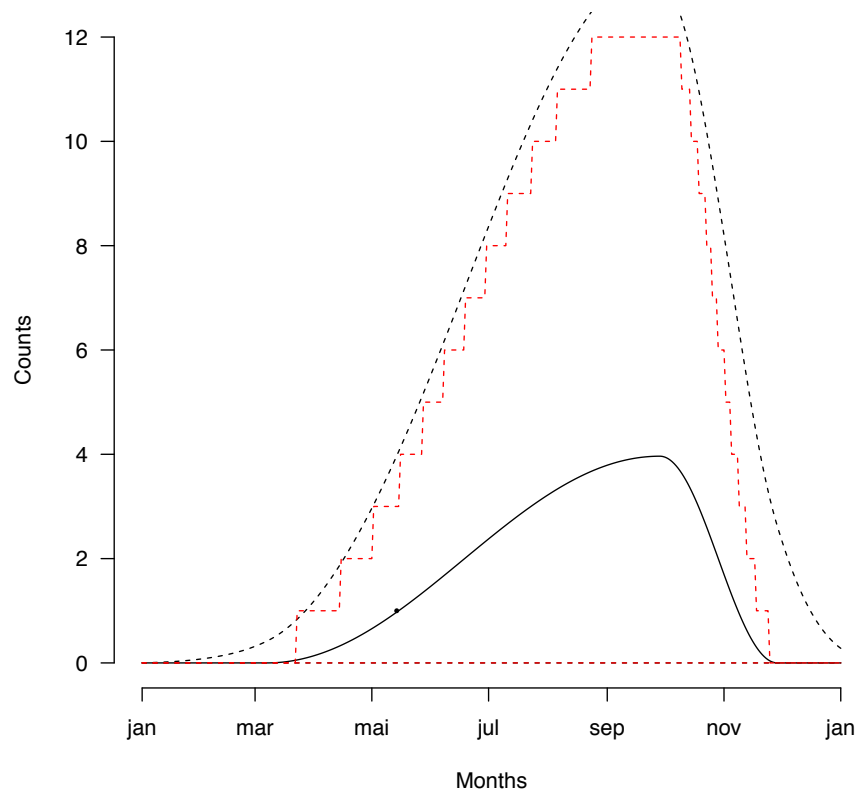
```
##
## Number of timeseries: 1
## -----
## 2#fort royal@deshaies-2009
## -----
## Estimation without the observed data
## Total number of counts: 9.3363 ; SD 6.831
## Estimation taking into account the observed data
## Total number of counts: 9.21 ; SD 6.0276
## 95% confidence interval: 1 - 21.2651
```

2#fort royal@deshaies-2012



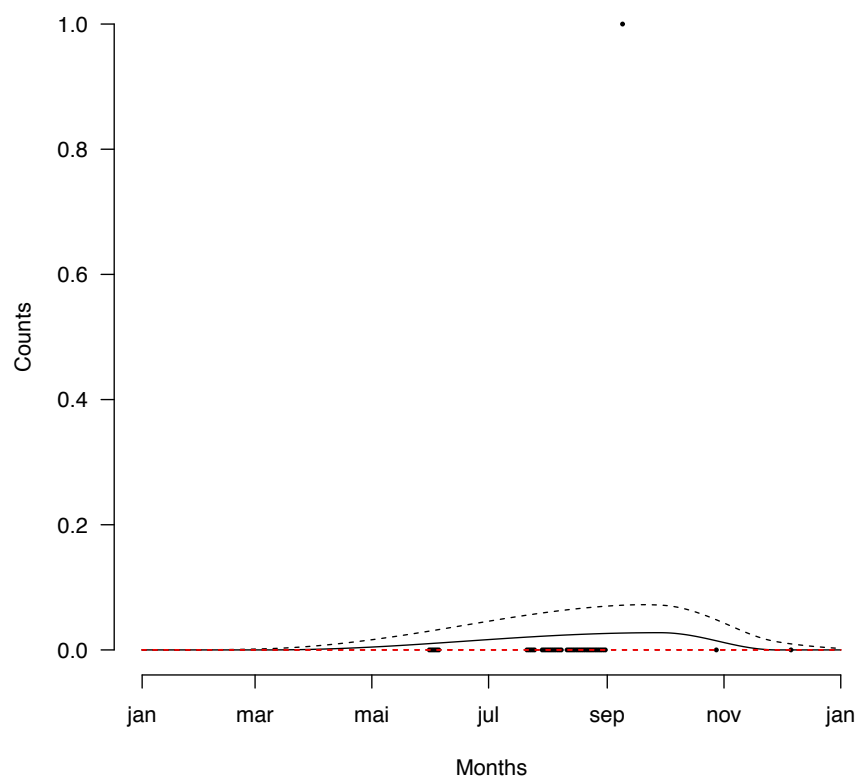
```
##
## Number of timeseries: 1
## -----
## 2#fort royal@deshaies-2012
## -----
## Estimation without the observed data
## Total number of counts: 8.8296 ; SD 6.1457
## Estimation taking into account the observed data
## Total number of counts: 8.679 ; SD 5.3556
## 95% confidence interval: 1 - 19.3902
```

2#galets rouges@bouillante-2006



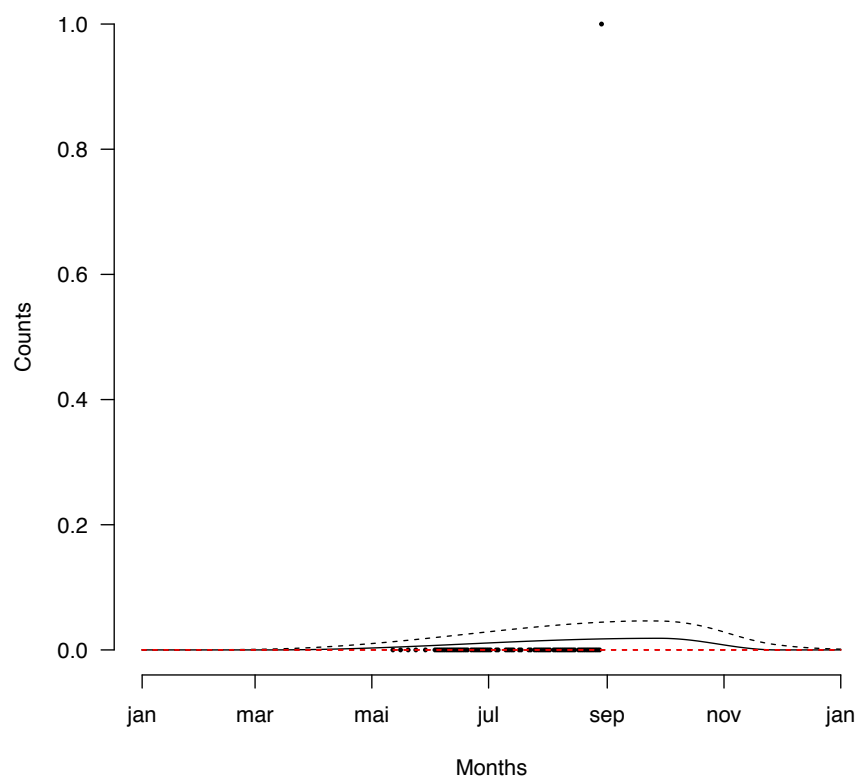
```
##
## Number of timeseries: 1
## -----
## 2#galets rouges@bouillante-2006
## -----
## Estimation without the observed data
## Total number of counts: 844.8347 ; SD 651.6597
## Estimation taking into account the observed data
## Total number of counts: 844.2542 ; SD 650.3962
## 95% confidence interval: 1 - 2145.0465
```

2#galets rouges@bouillante-2007



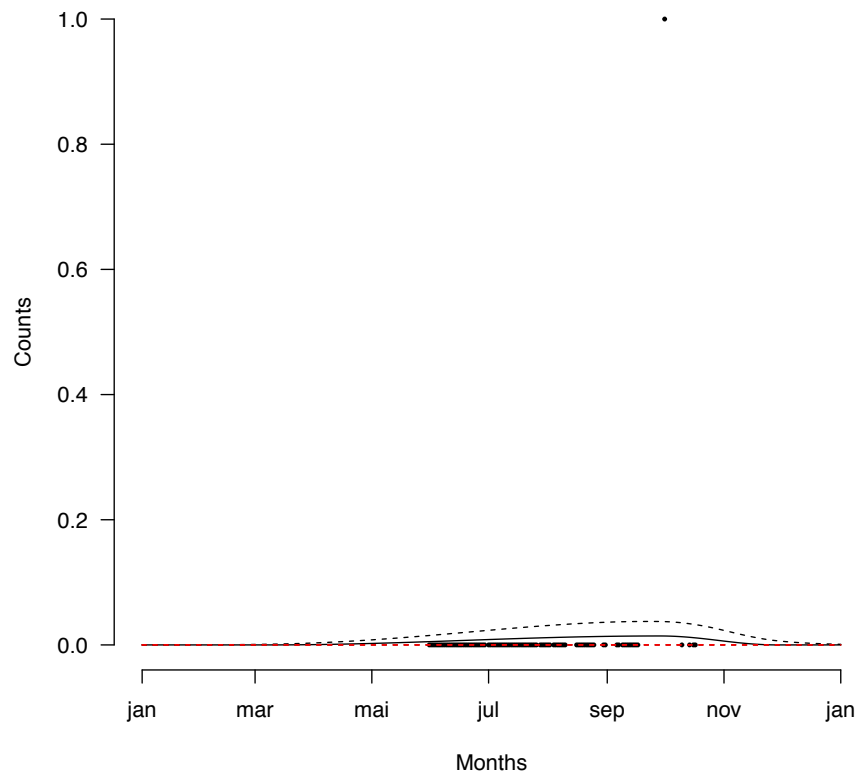
```
##
## Number of timeseries: 1
## -----
## 2#galets rouges@bouillante-2007
## -----
## Estimation without the observed data
## Total number of counts: 4.376 ; SD 3.1461
## Estimation taking into account the observed data
## Total number of counts: 4.2146 ; SD 2.3315
## 95% confidence interval: 1 - 8.8776
```

2#galets rouges@bouillante-2009



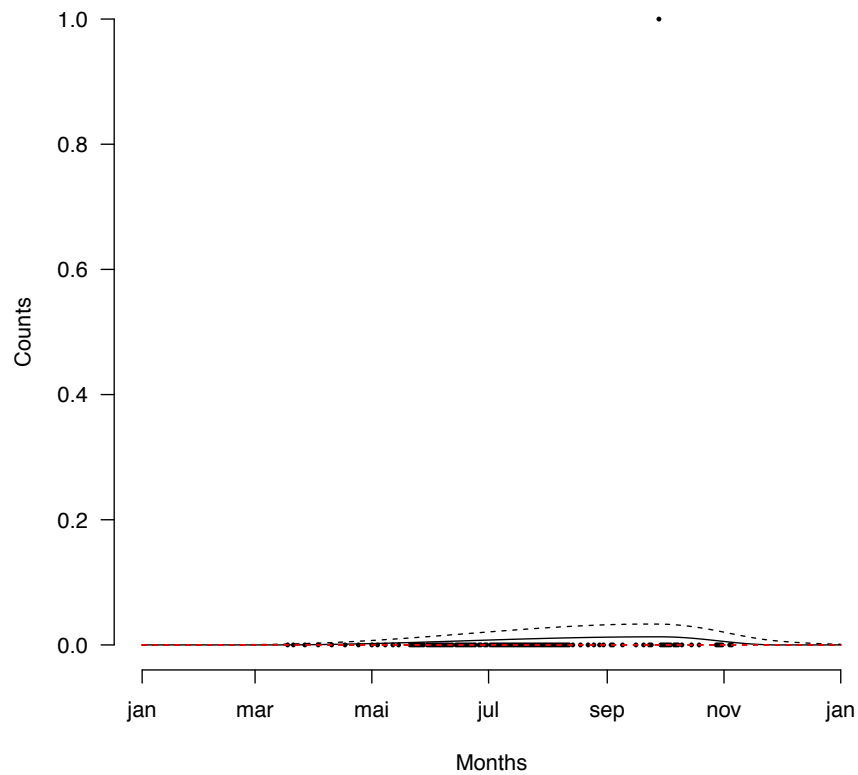
```
##
## Number of timeseries: 1
## -----
## 2#galets rouges@bouillante-2009
## -----
## Estimation without the observed data
## Total number of counts: 2.9153 ; SD 1.9398
## Estimation taking into account the observed data
## Total number of counts: 2.7751 ; SD 1.2139
## 95% confidence interval: 1 - 5.2029
```


2#galets rouges@bouillante-2010



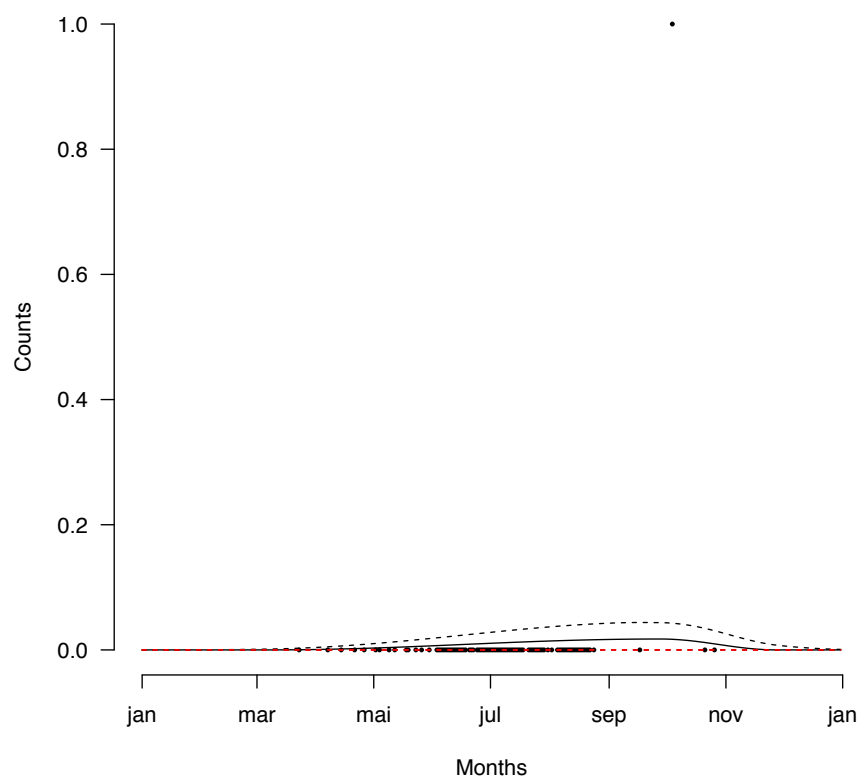
```
##
## Number of timeseries: 1
## -----
## 2#galets rouges@bouillante-2010
## -----
## Estimation without the observed data
## Total number of counts: 2.3254 ; SD 1.6049
## Estimation taking into account the observed data
## Total number of counts: 2.1426 ; SD 0.8201
## 95% confidence interval: 1 - 3.7827
```

2#galets rouges@bouillante-2011



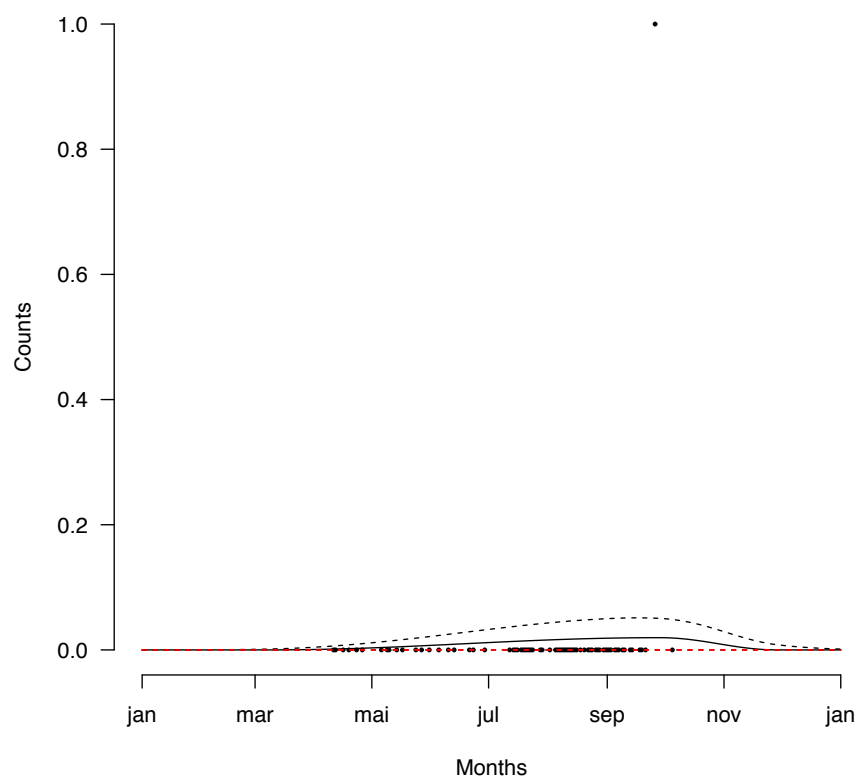
```
##
## Number of timeseries: 1
## -----
## 2#galets rouges@bouillante-2011
## -----
## Estimation without the observed data
## Total number of counts: 1.9635 ; SD 1.4278
## Estimation taking into account the observed data
## Total number of counts: 1.8697 ; SD 0.6536
## 95% confidence interval: 1 - 3.177
```

2#galets rouges@bouillante-2012



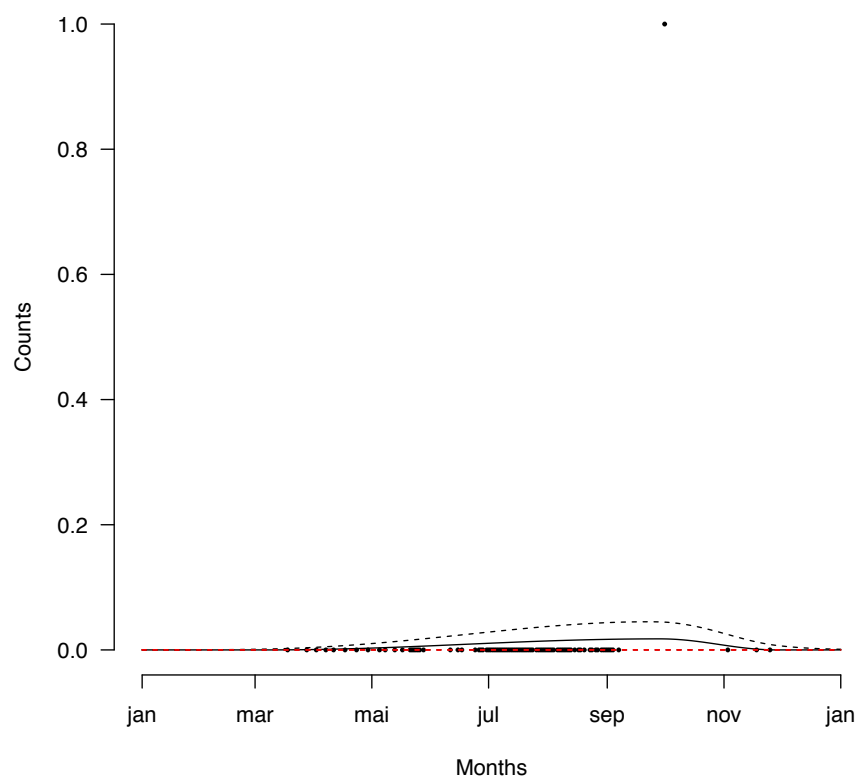
```
##
## Number of timeseries: 1
## -----
## 2#galets rouges@bouillante-2012
## -----
## Estimation without the observed data
## Total number of counts: 2.7046 ; SD 1.8473
## Estimation taking into account the observed data
## Total number of counts: 2.5746 ; SD 1.0965
## 95% confidence interval: 1 - 4.7677
```

2#galets rouges@bouillante-2013



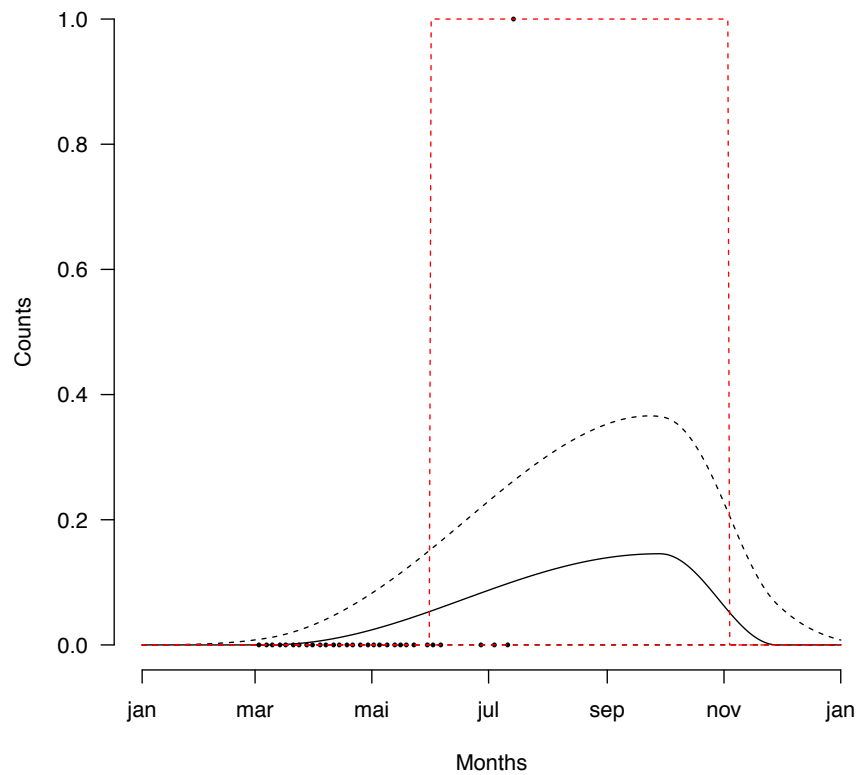
```
##
## Number of timeseries: 1
## -----
## 2#galets rouges@bouillante-2013
## -----
## Estimation without the observed data
## Total number of counts: 2.9962 ; SD 2.2024
## Estimation taking into account the observed data
## Total number of counts: 2.8671 ; SD 1.3873
## 95% confidence interval: 1 - 5.6418
```

2#galets rouges@bouillante-2014



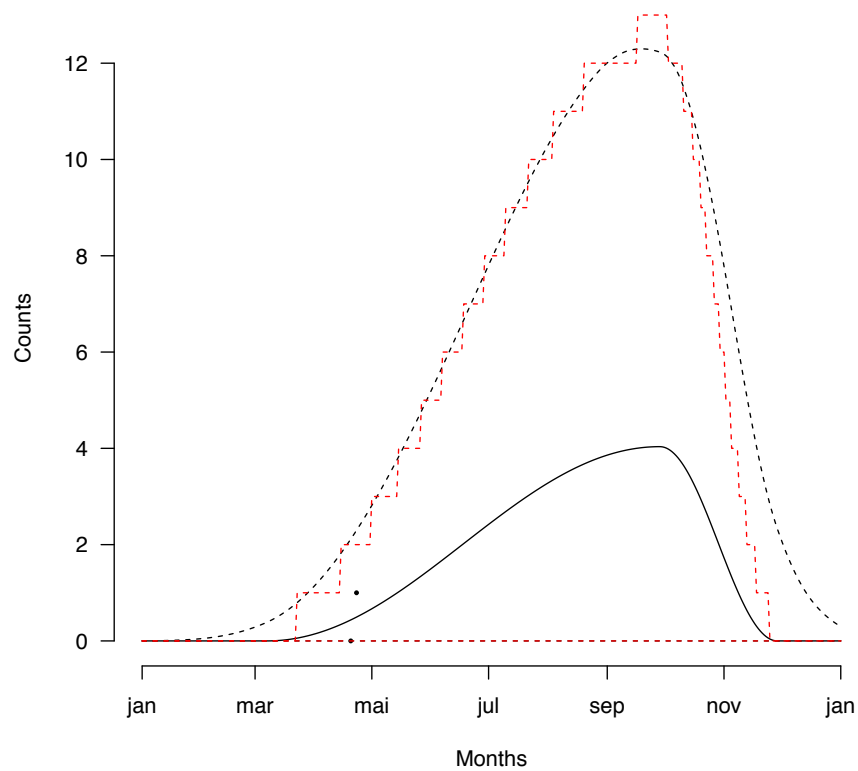
```
##
## Number of timeseries: 1
## -----
## 2#galets rouges@bouillante-2014
## -----
## Estimation without the observed data
## Total number of counts: 2.7011 ; SD 1.905
## Estimation taking into account the observed data
## Total number of counts: 2.5724 ; SD 1.1279
## 95% confidence interval: 1 - 4.8282
```

2#grande anse@deshaies-2005



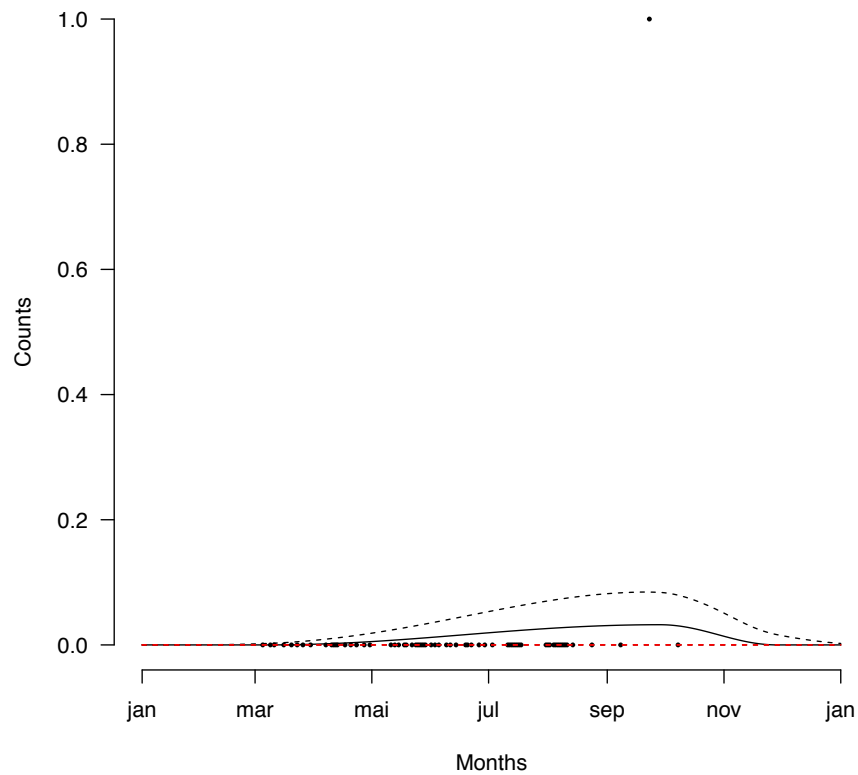
```
##
## Number of timeseries: 1
## -----
## 2#grande anse@deshaies-2005
## -----
## Estimation without the observed data
## Total number of counts: 23.5661 ; SD 15.46
## Estimation taking into account the observed data
## Total number of counts: 23.4211 ; SD 14.6996
## 95% confidence interval: 1 - 52.8202
```

2#grande anse@deshaies-2007



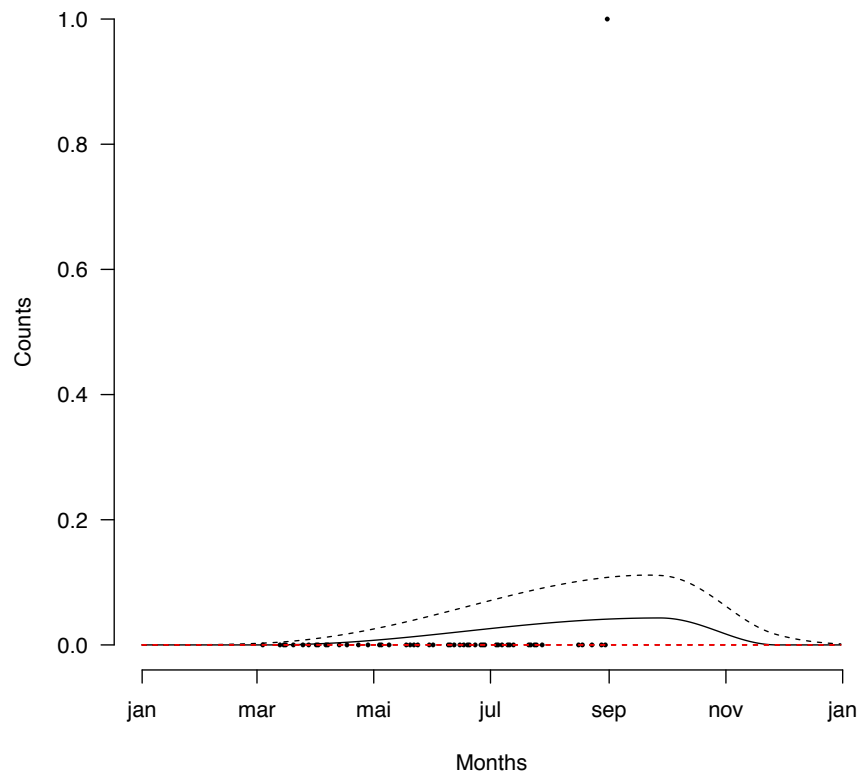
```
##
## Number of timeseries: 1
## -----
## 2#grande anse@deshaies-2007
## -----
## Estimation without the observed data
## Total number of counts: 778.6807 ; SD 578.307
## Estimation taking into account the observed data
## Total number of counts: 778.1723 ; SD 577.1433
## 95% confidence interval: 1 - 1932.4589
```

2#grande anse@deshaies-2009



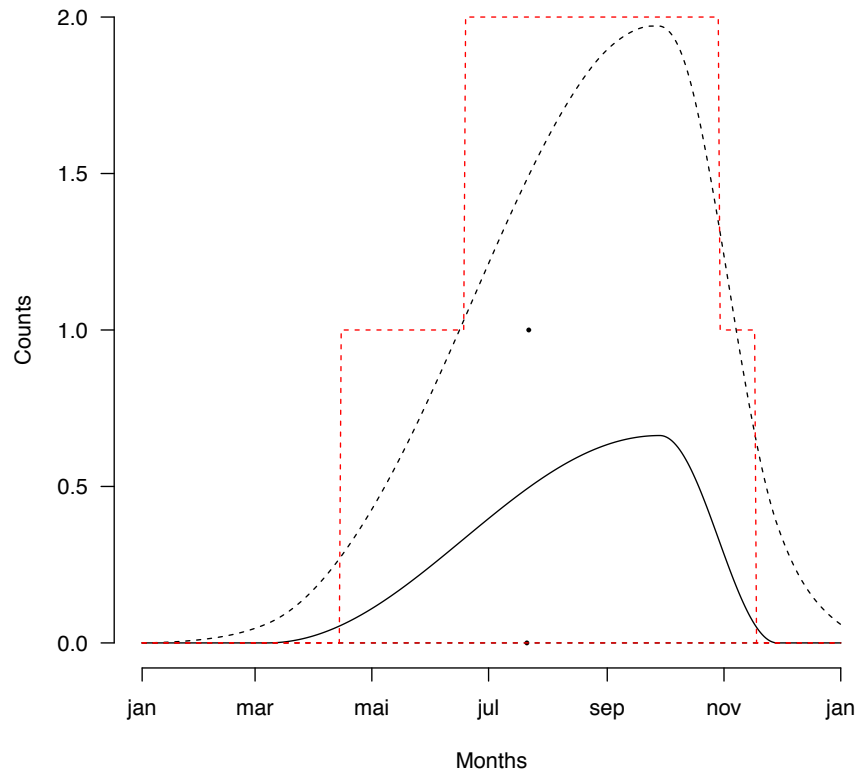
```
##
## Number of timeseries: 1
## -----
## 2#grande anse@deshaies-2009
## -----
## Estimation without the observed data
## Total number of counts: 5.0328 ; SD 3.6352
## Estimation taking into account the observed data
## Total number of counts: 4.9059 ; SD 2.8344
## 95% confidence interval: 1 - 10.5747
```


2#grande anse@deshaies-2012



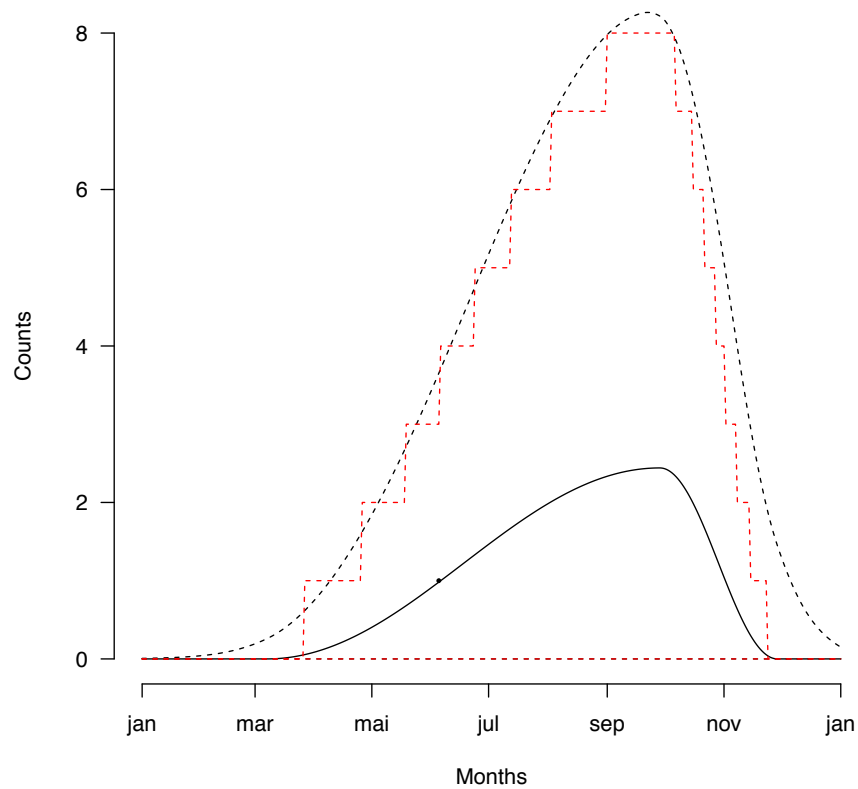
```
##
## Number of timeseries: 1
## -----
## 2#grande anse@deshaies-2012
## -----
## Estimation without the observed data
## Total number of counts: 6.7823 ; SD 4.7211
## Estimation taking into account the observed data
## Total number of counts: 6.6337 ; SD 3.9231
## 95% confidence interval: 1 - 14.4799
```

2#ilet kahouanne@deshaises-2007



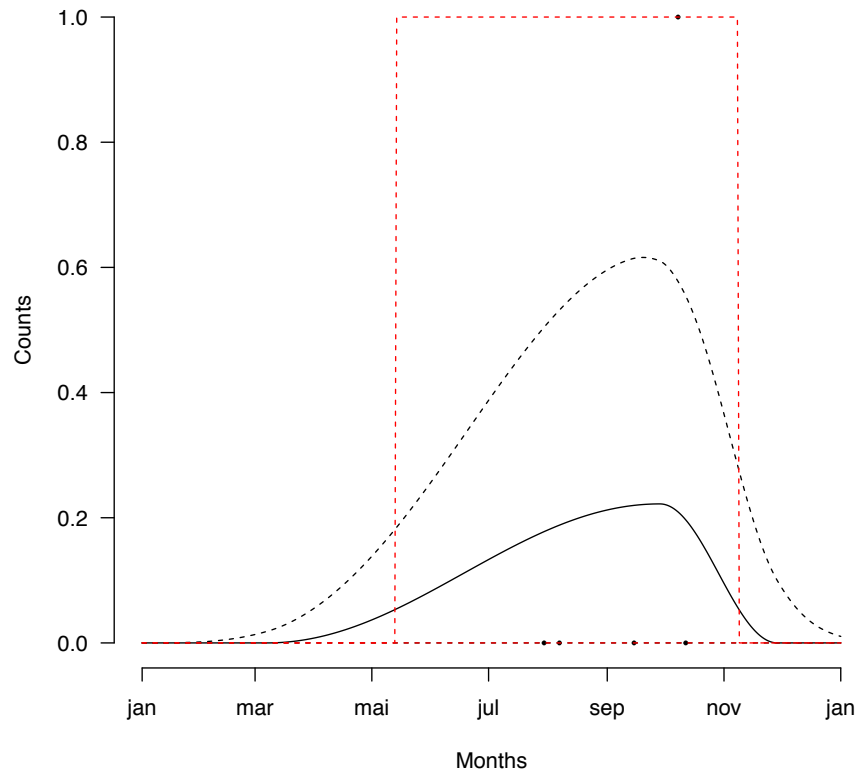
```
##
## Number of timeseries: 1
## -----
## 2#ilet kahouanne@deshaises-2007
## -----
## Estimation without the observed data
## Total number of counts: 122.1067 ; SD 90.5844
## Estimation taking into account the observed data
## Total number of counts: 121.7713 ; SD 89.6189
## 95% confidence interval: 1 - 301.0091
```

2#leroux@deshaies-2011



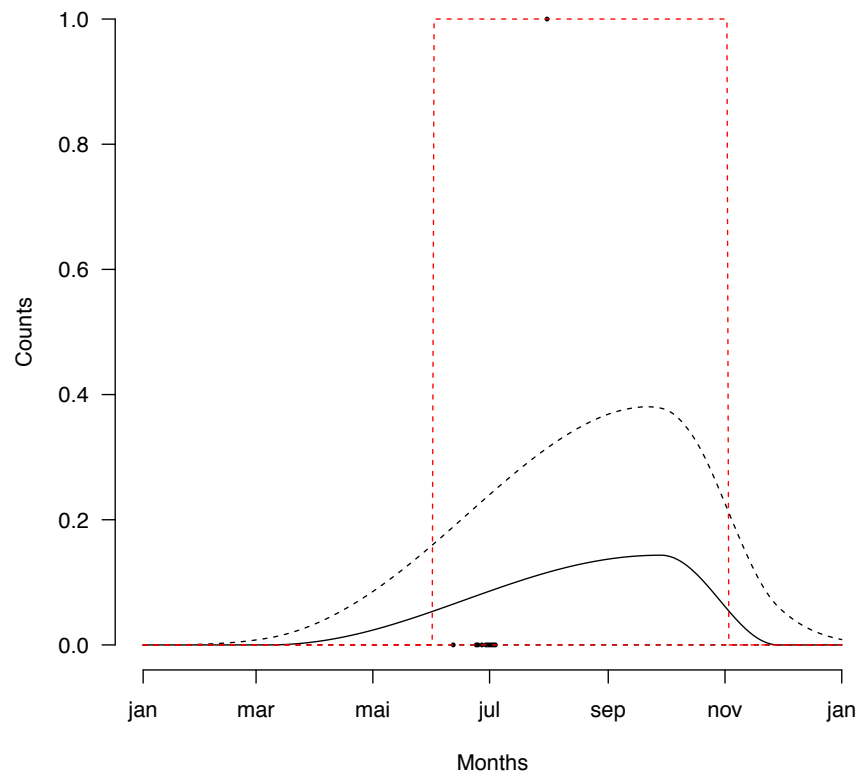
```
##
## Number of timeseries: 1
## -----
## 2#leroux@deshaies-2011
## -----
## Estimation without the observed data
## Total number of counts: 548.4924 ; SD 402.7331
## Estimation taking into account the observed data
## Total number of counts: 547.8435 ; SD 401.5188
## 95% confidence interval: 1 - 1350.8811
```

2#leroux@deshaies-2013



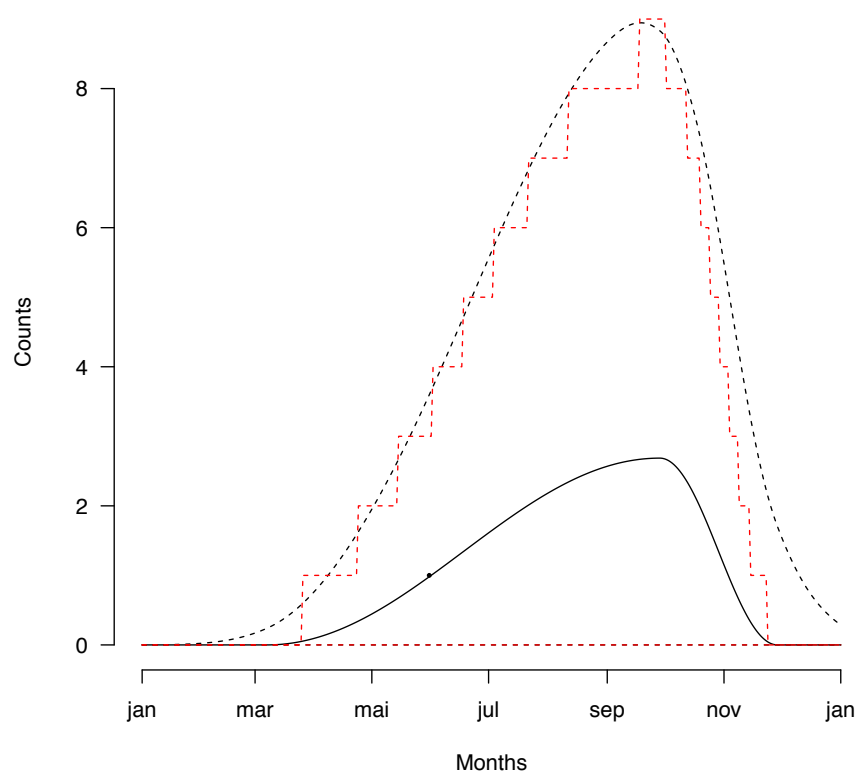
```
##
## Number of timeseries: 1
## -----
## 2#leroux@deshaies-2013
## -----
## Estimation without the observed data
## Total number of counts: 36.9728 ; SD 27.4782
## Estimation taking into account the observed data
## Total number of counts: 36.8056 ; SD 26.6275
## 95% confidence interval: 1 - 90.0606
```

2#leroux@deshaies-2014



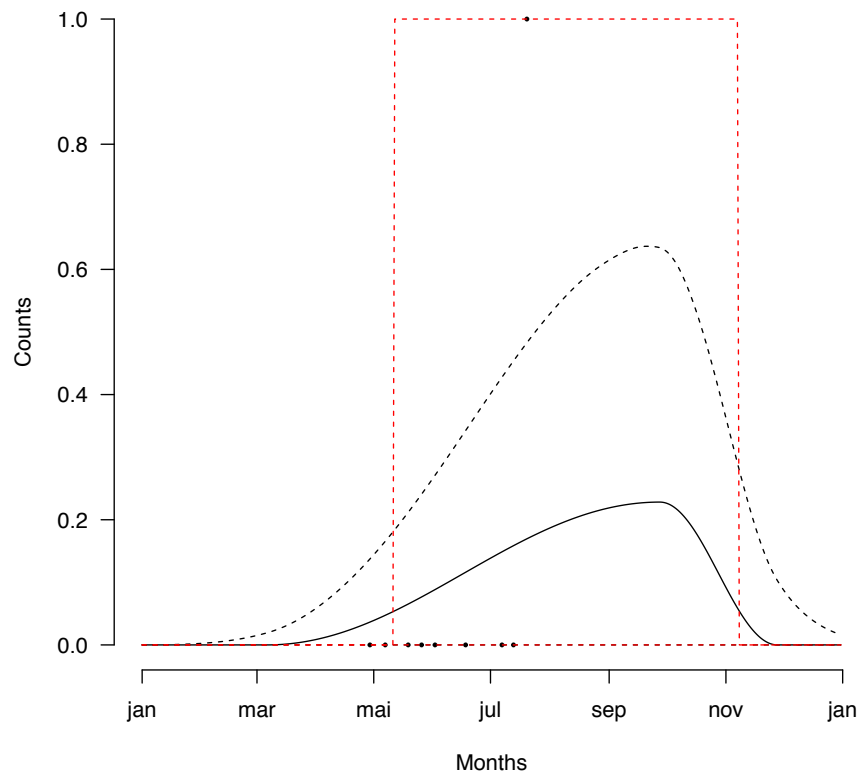
```
##
## Number of timeseries: 1
## -----
## 2#leroux@deshaies-2014
## -----
## Estimation without the observed data
## Total number of counts: 23.6862 ; SD 16.4934
## Estimation taking into account the observed data
## Total number of counts: 23.5359 ; SD 15.6919
## 95% confidence interval: 1 - 54.9197
```

2#les plaines@pointe noire-2010



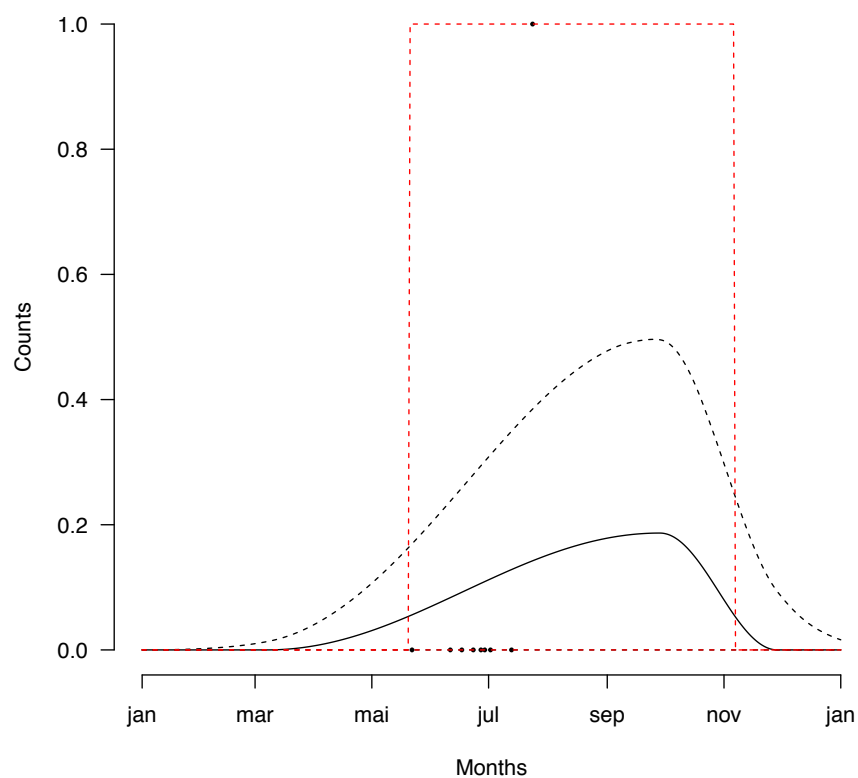
```
##
## Number of timeseries: 1
## -----
## 2#les plaines@pointe noire-2010
## -----
## Estimation without the observed data
## Total number of counts: 577.0324 ; SD 426.9658
## Estimation taking into account the observed data
## Total number of counts: 576.4752 ; SD 425.8151
## 95% confidence interval: 1 - 1428.1054
```

2#l'etang;pointe des habitants@vieux habitants-2008



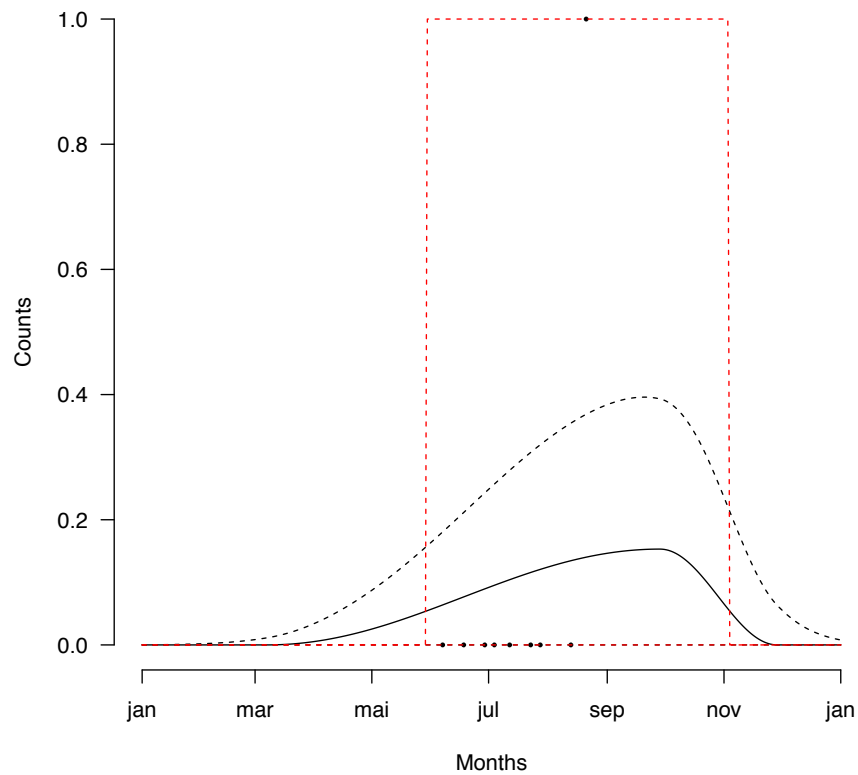
```
##
## Number of timeseries: 1
## -----
## 2#l'etang;pointe des habitants@vieux habitants-2008
## -----
## Estimation without the observed data
## Total number of counts: 39.0972 ; SD 28.1287
## Estimation taking into account the observed data
## Total number of counts: 38.9258 ; SD 27.2933
## 95% confidence interval: 1 - 93.5123
```

2#l'etang;pointe des habitants@vieux habitants-2009



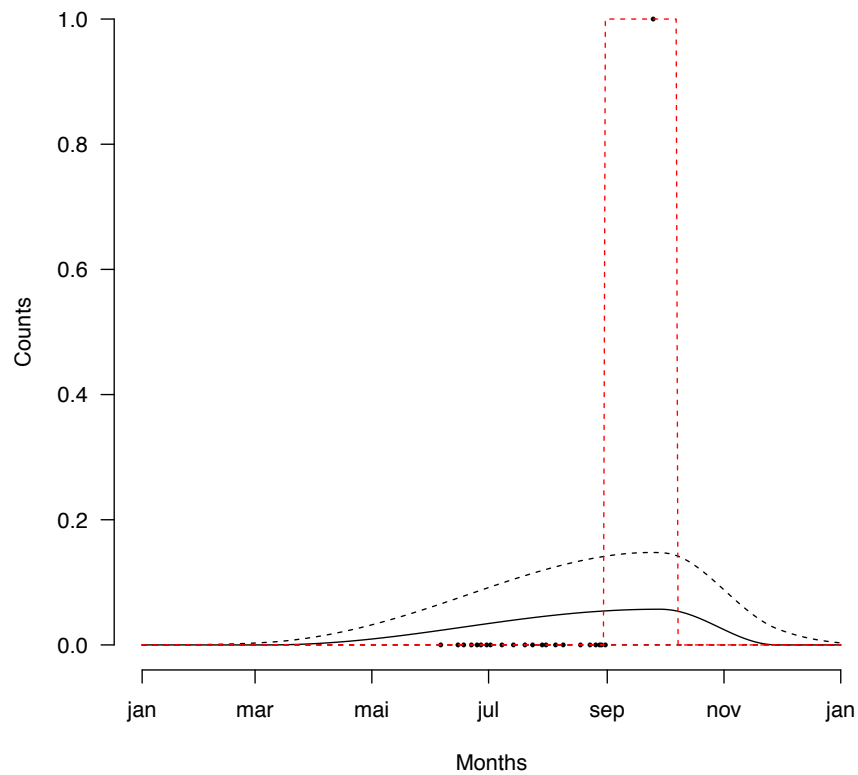
```
##
## Number of timeseries: 1
## -----
## 2#l'etang;pointe des habitants@vieux habitants-2009
## -----
## Estimation without the observed data
## Total number of counts: 30.0237 ; SD 21.3529
## Estimation taking into account the observed data
## Total number of counts: 29.9263 ; SD 20.5765
## 95% confidence interval: 1 - 71.0792
```


2#l'etang;pointe des habitants@vieux habitants-2010



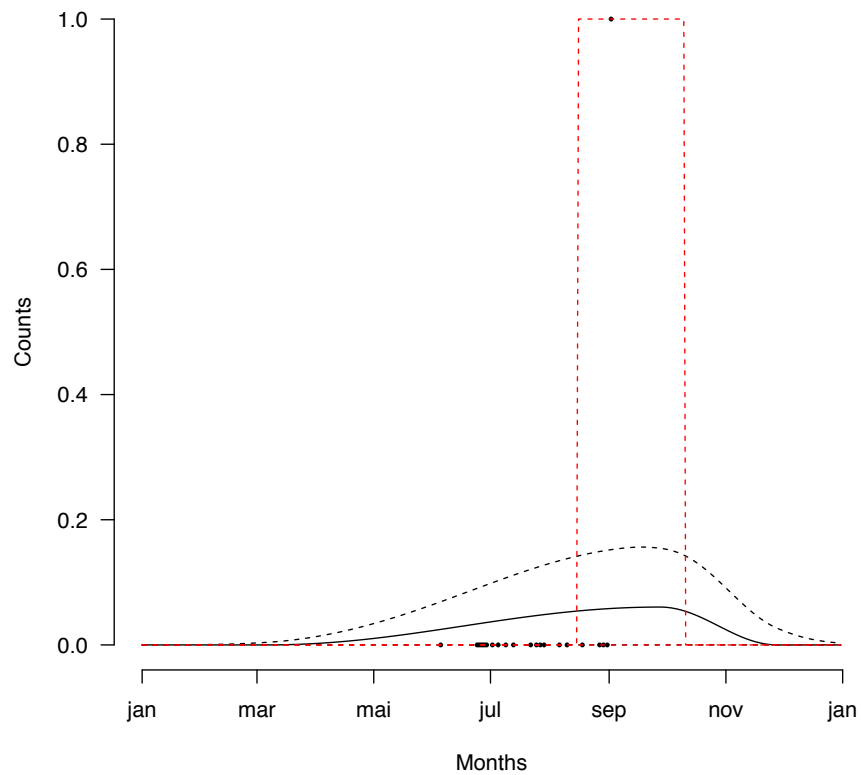
```
##
## Number of timeseries: 1
## -----
## 2#l'etang;pointe des habitants@vieux habitants-2010
## -----
## Estimation without the observed data
## Total number of counts: 24.0343 ; SD 16.639
## Estimation taking into account the observed data
## Total number of counts: 23.9203 ; SD 15.8824
## 95% confidence interval: 1 - 55.6851
```

2#l'etang;pointe des habitants@vieux habitants-2011



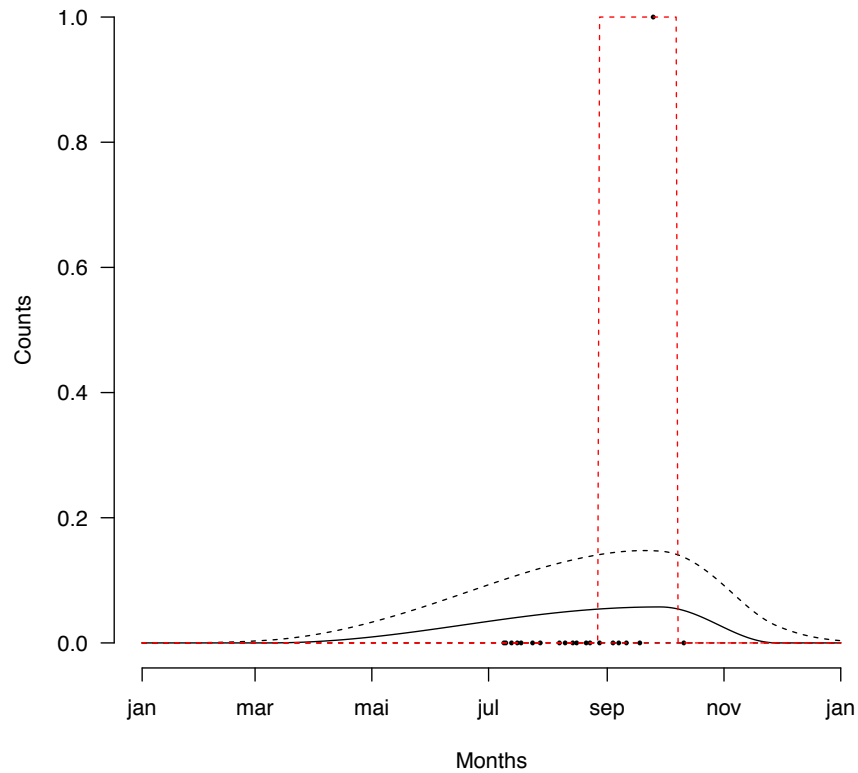
```
##
## Number of timeseries: 1
## -----
## 2#l'etang;pointe des habitants@vieux habitants-2011
## -----
## Estimation without the observed data
## Total number of counts: 9.0182 ; SD 6.2883
## Estimation taking into account the observed data
## Total number of counts: 8.8911 ; SD 5.5209
## 95% confidence interval: 1 - 19.9329
```

2#l'etang;pointe des habitants@vieux habitants-2012



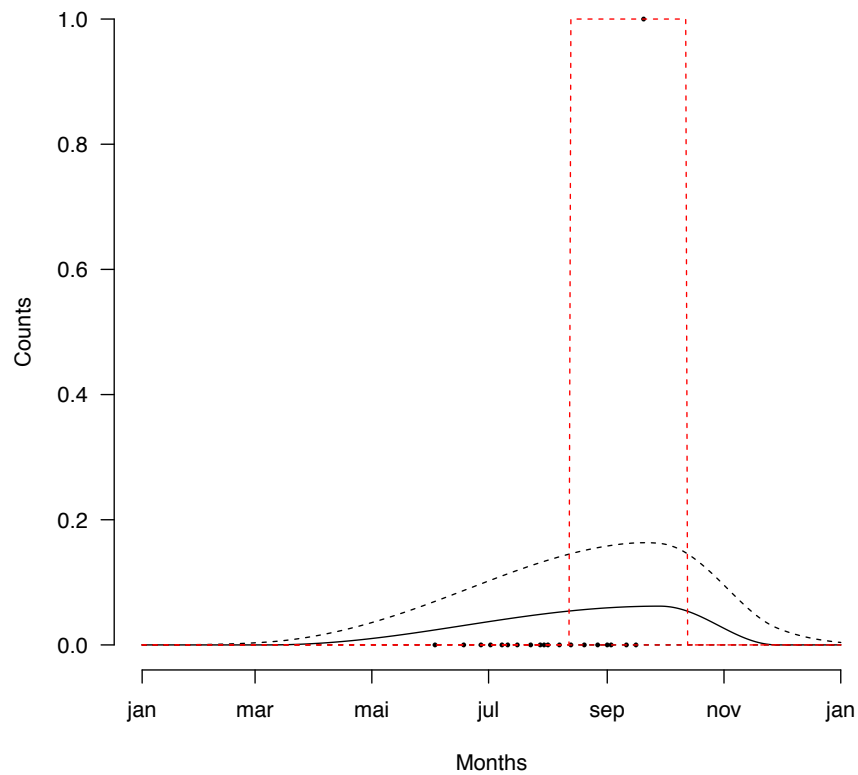
```
##
## Number of timeseries: 1
## -----
## 2#l'etang;pointe des habitants@vieux habitants-2012
## -----
## Estimation without the observed data
## Total number of counts: 9.3809 ; SD 6.5921
## Estimation taking into account the observed data
## Total number of counts: 9.2661 ; SD 5.823
## 95% confidence interval: 1 - 20.912
```

2#l'etang;pointe des habitants@vieux habitants-2013



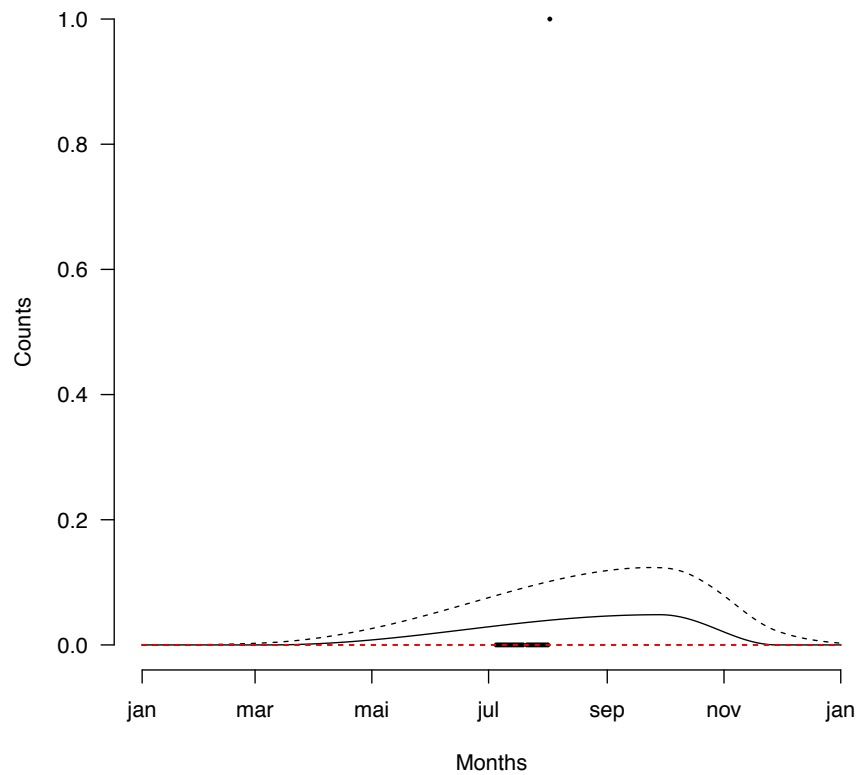
```
##
## Number of timeseries: 1
## -----
## 2#l'etang;pointe des habitants@vieux habitants-2013
## -----
## Estimation without the observed data
## Total number of counts: 9.3804 ; SD 6.3092
## Estimation taking into account the observed data
## Total number of counts: 9.2088 ; SD 5.5387
## 95% confidence interval: 1 - 20.2862
```

2#l'etang;pointe des habitants@vieux habitants-2014



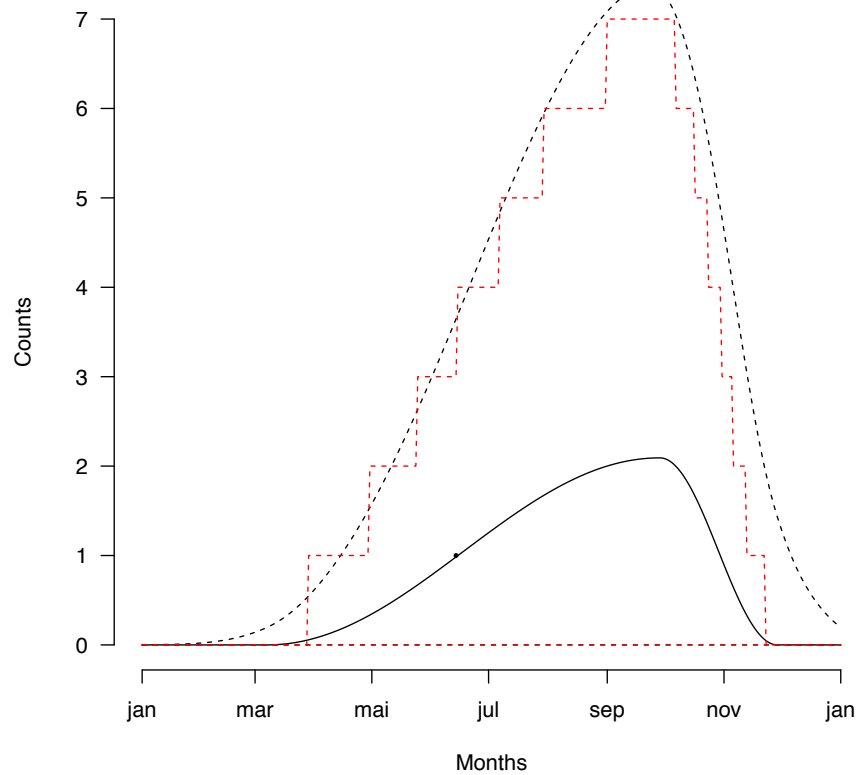
```
##
## Number of timeseries: 1
## -----
## 2#l'etang;pointe des habitants@vieux habitants-2014
## -----
## Estimation without the observed data
## Total number of counts: 9.722 ; SD 6.9777
## Estimation taking into account the observed data
## Total number of counts: 9.5874 ; SD 6.1755
## 95% confidence interval: 1 - 21.9384
```

2#malendure@bouillante-2005



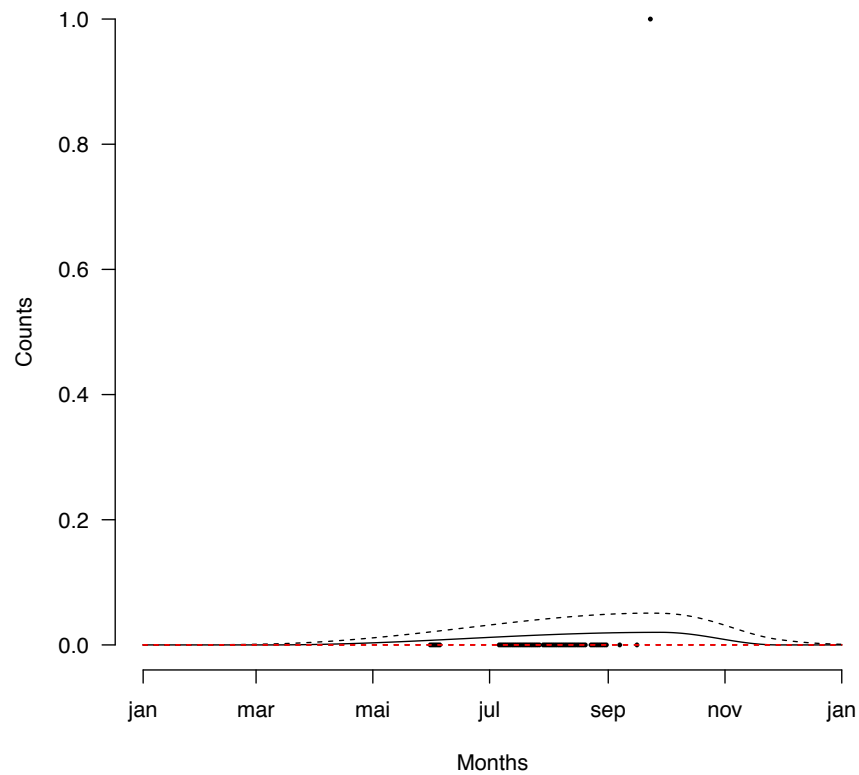
```
##
## Number of timeseries: 1
## -----
## 2#malendure@bouillante-2005
## -----
## Estimation without the observed data
## Total number of counts: 7.5094 ; SD 5.1493
## Estimation taking into account the observed data
## Total number of counts: 7.389 ; SD 4.4069
## 95% confidence interval: 1 - 16.2027
```

2#malendure@bouillante-2006



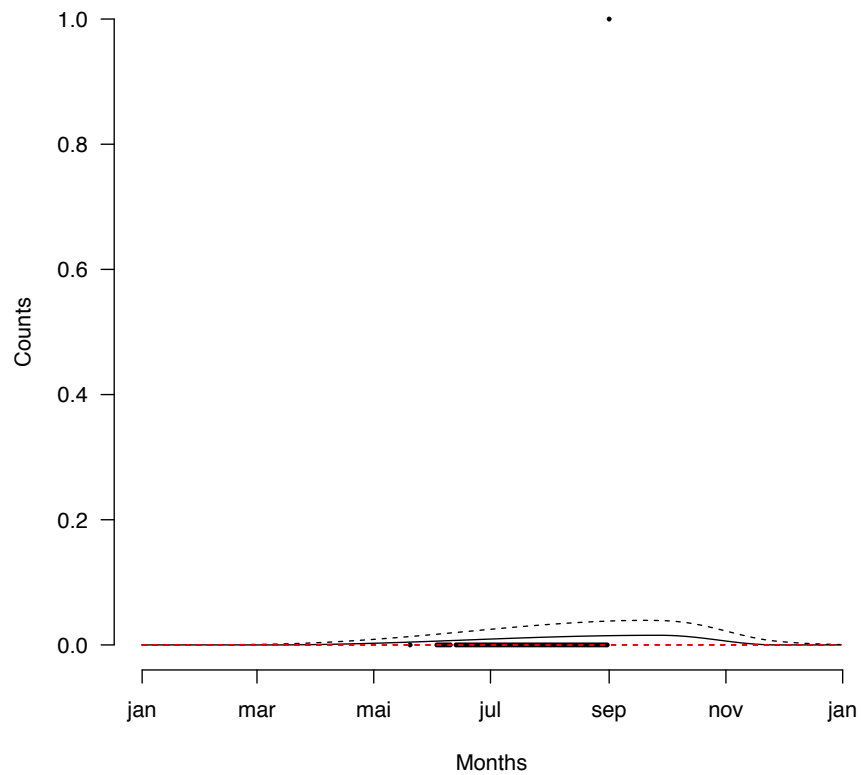
```
##
## Number of timeseries: 1
## -----
## 2#malendure@bouillante-2006
## -----
## Estimation without the observed data
## Total number of counts: 461.4725 ; SD 365.3304
## Estimation taking into account the observed data
## Total number of counts: 460.8873 ; SD 364.0932
## 95% confidence interval: 1 - 1189.0737
```

2#malendure@bouillante-2007



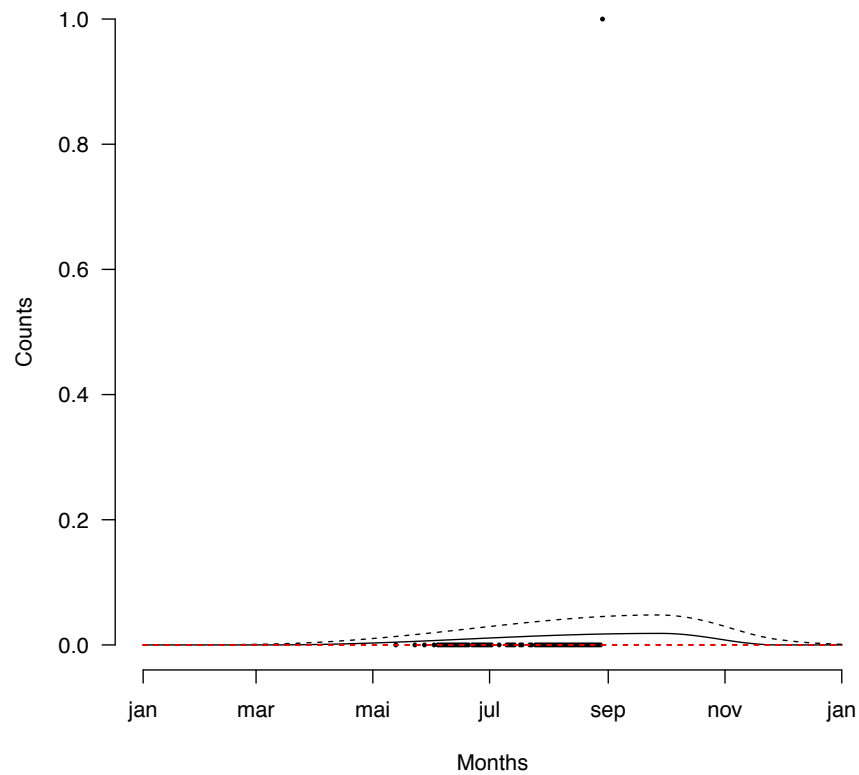
```
##
## Number of timeseries: 1
## -----
## 2#malendure@bouillante-2007
## -----
## Estimation without the observed data
## Total number of counts: 3.1617 ; SD 2.1371
## Estimation taking into account the observed data
## Total number of counts: 3.0164 ; SD 1.3909
## 95% confidence interval: 1 - 5.7982
```


2#malendure@bouillante-2008



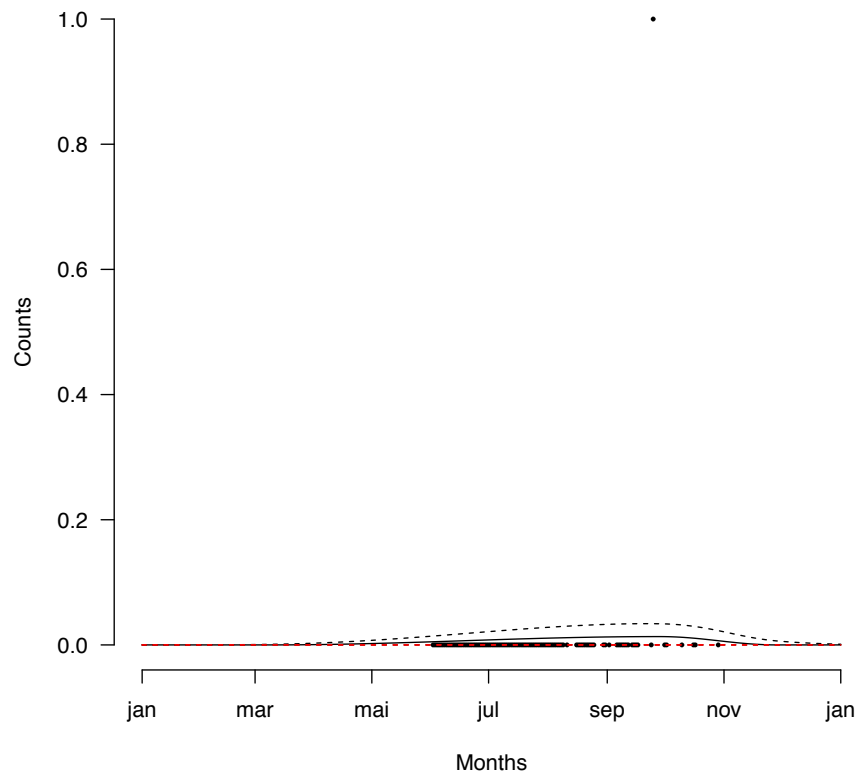
```
##
## Number of timeseries: 1
## -----
## 2#malendure@bouillante-2008
## -----
## Estimation without the observed data
## Total number of counts: 2.423 ; SD 1.6388
## Estimation taking into account the observed data
## Total number of counts: 2.2642 ; SD 0.8784
## 95% confidence interval: 1 - 4.0209
```

2#malendure@bouillante-2009



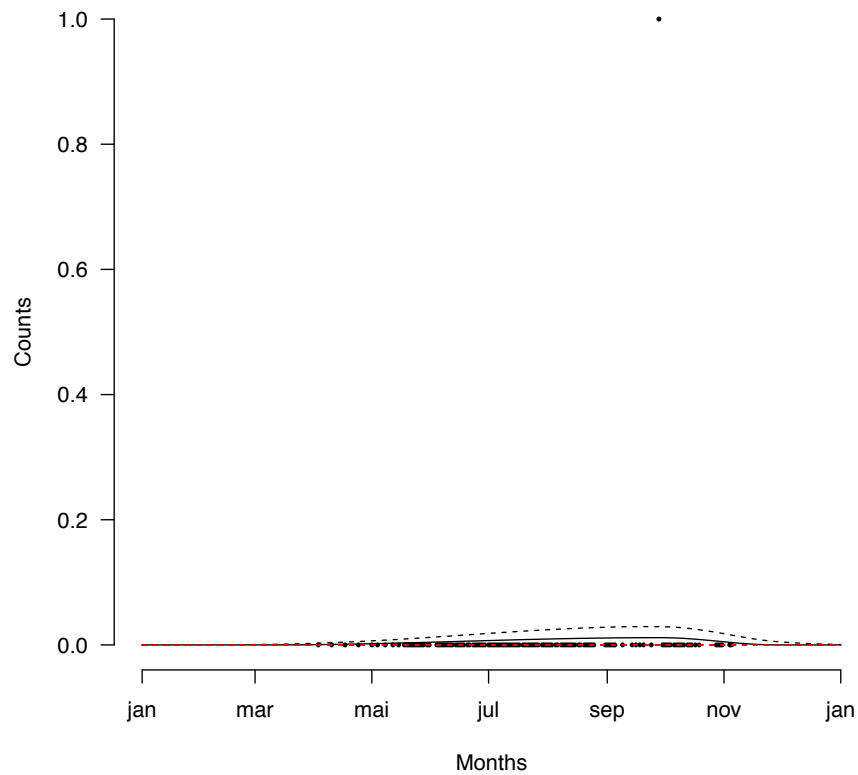
```
##
## Number of timeseries: 1
## -----
## 2#malendure@bouillante-2009
## -----
## Estimation without the observed data
## Total number of counts: 2.8436 ; SD 2.026
## Estimation taking into account the observed data
## Total number of counts: 2.73 ; SD 1.2649
## 95% confidence interval: 1 - 5.2599
```

2#malendure@bouillante-2010



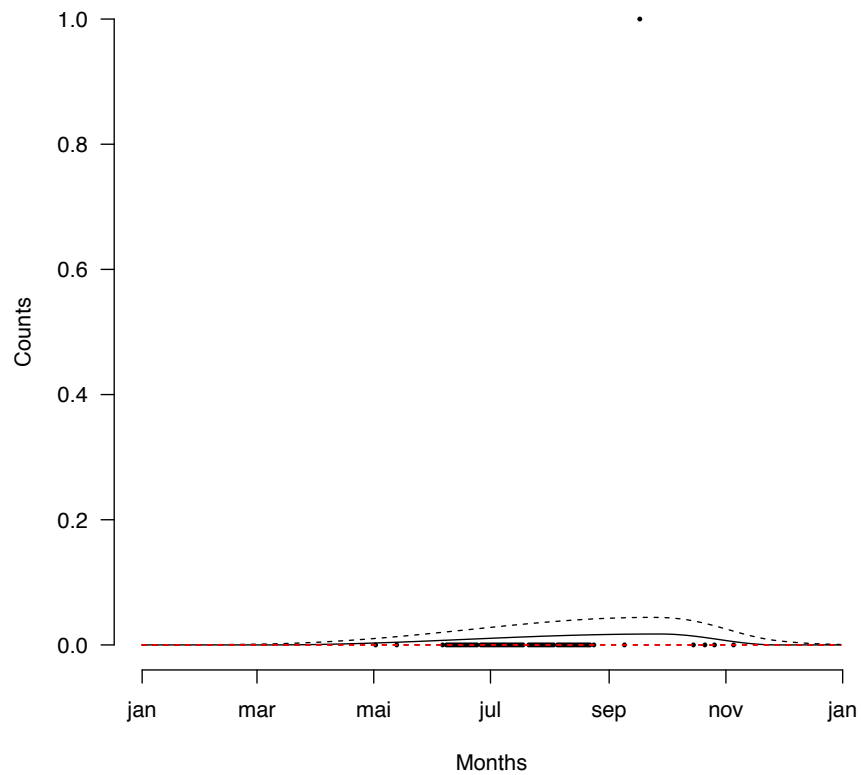
```
##
## Number of timeseries: 1
## -----
## 2#malendure@bouillante-2010
## -----
## Estimation without the observed data
## Total number of counts: 2.0684 ; SD 1.442
## Estimation taking into account the observed data
## Total number of counts: 1.9426 ; SD 0.6912
## 95% confidence interval: 1 - 3.3249
```

2#malendure@bouillante-2011



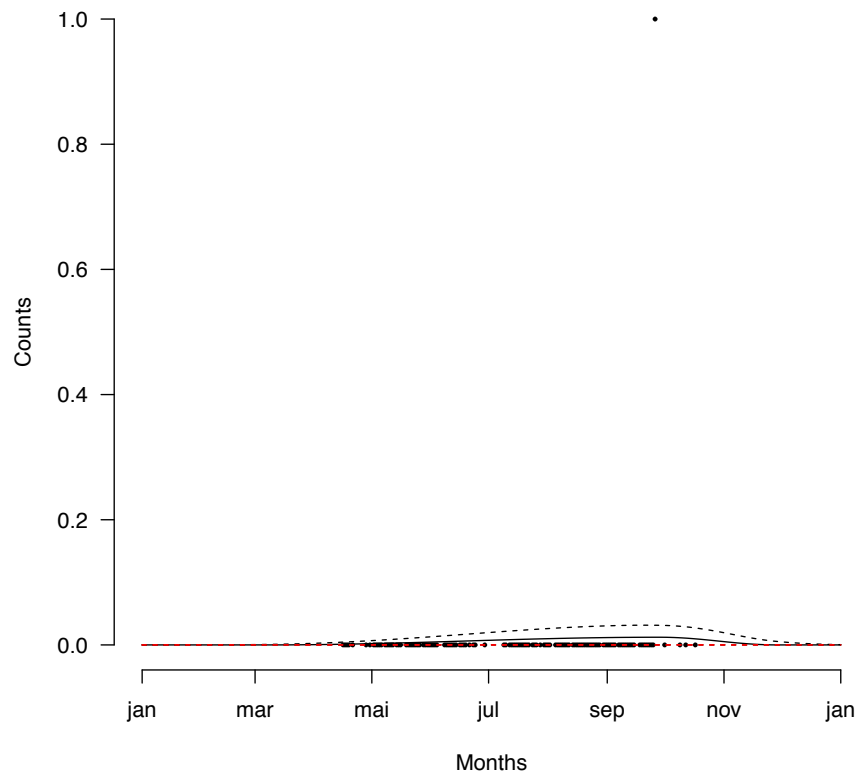
```
##
## Number of timeseries: 1
## -----
## 2#malendure@bouillante-2011
## -----
## Estimation without the observed data
## Total number of counts: 1.8161 ; SD 1.2304
## Estimation taking into account the observed data
## Total number of counts: 1.6858 ; SD 0.4795
## 95% confidence interval: 1 - 2.6447
```

2#malendure@bouillante-2012



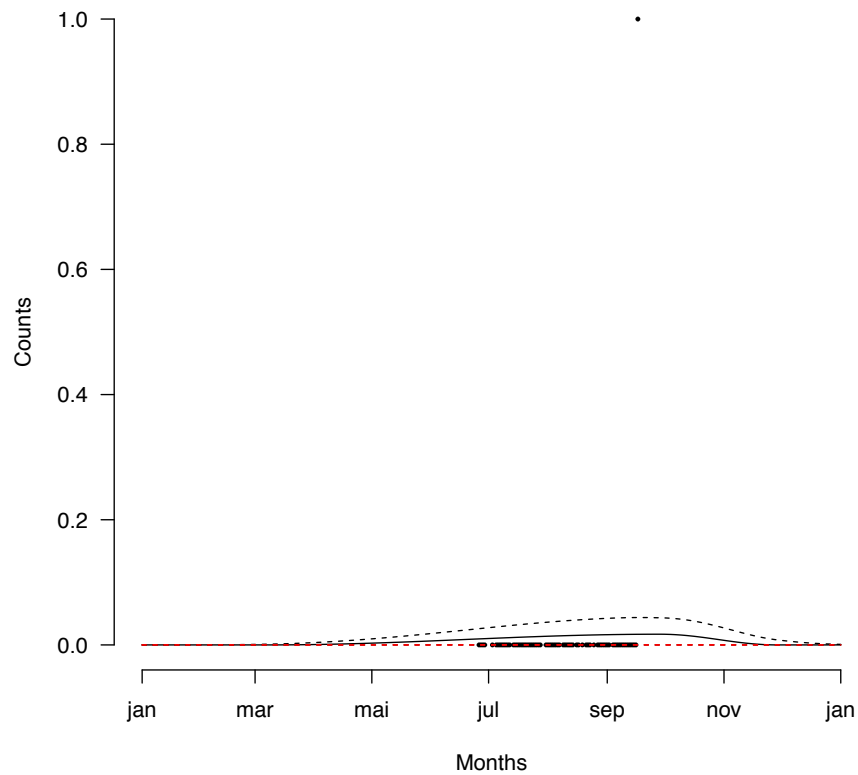
```
##
## Number of timeseries: 1
## -----
## 2#malendure@bouillante-2012
## -----
## Estimation without the observed data
## Total number of counts: 2.6525 ; SD 1.8507
## Estimation taking into account the observed data
## Total number of counts: 2.5397 ; SD 1.0963
## 95% confidence interval: 1 - 4.7323
```

2#malendure@bouillante-2013



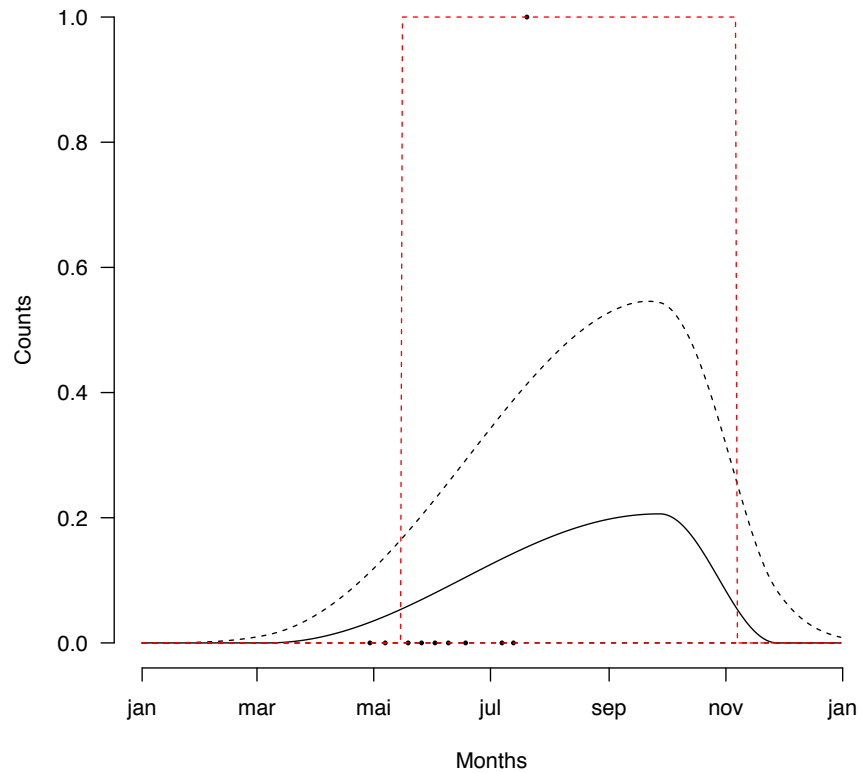
```
##
## Number of timeseries: 1
## -----
## 2#malendure@bouillante-2013
## -----
## Estimation without the observed data
## Total number of counts: 1.9235 ; SD 1.3368
## Estimation taking into account the observed data
## Total number of counts: 1.7796 ; SD 0.5792
## 95% confidence interval: 1 - 2.938
```

2#malendure@bouillante-2014



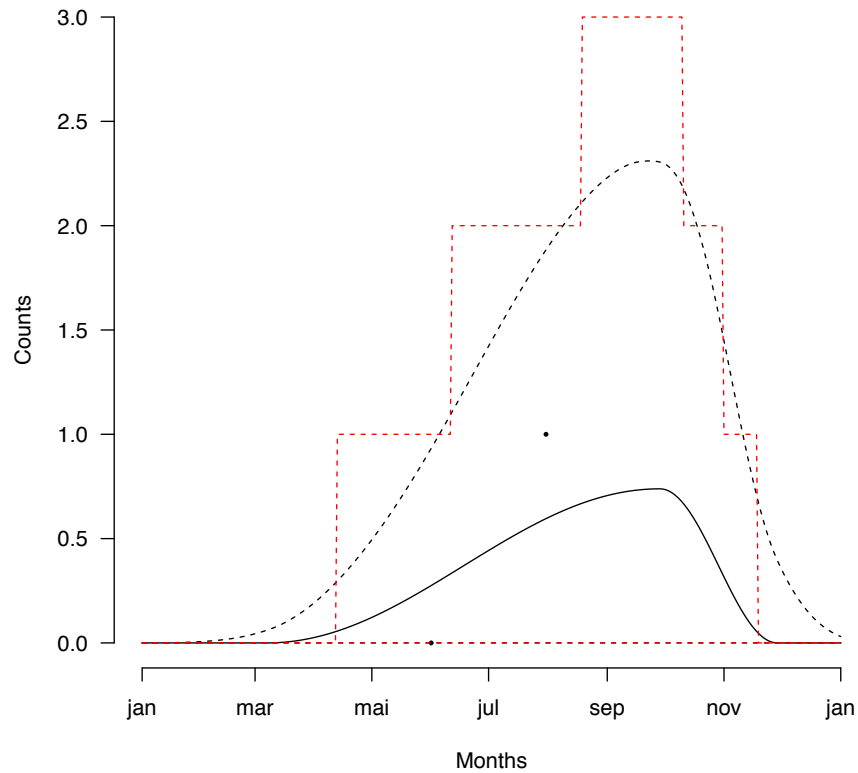
```
##
## Number of timeseries: 1
## -----
## 2#malendure@bouillante-2014
## -----
## Estimation without the observed data
## Total number of counts: 2.6502 ; SD 1.8681
## Estimation taking into account the observed data
## Total number of counts: 2.5242 ; SD 1.0985
## 95% confidence interval: 1 - 4.7212
```

2#marigot@vieux habitants-2008



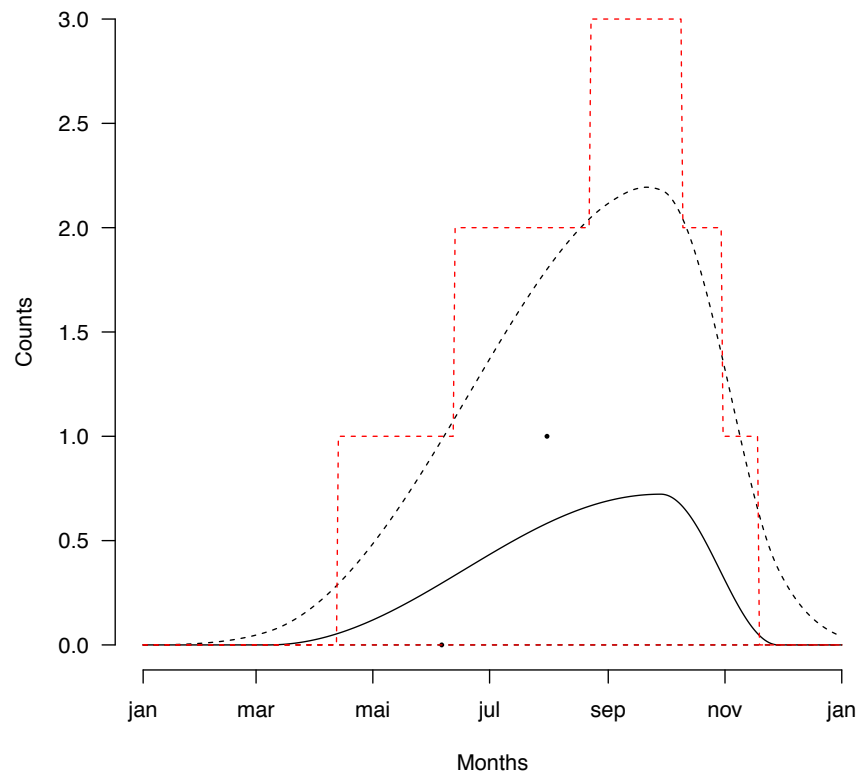
```
##
## Number of timeseries: 1
## -----
## 2#marigot@vieux habitants-2008
## -----
## Estimation without the observed data
## Total number of counts: 32.552 ; SD 23.2589
## Estimation taking into account the observed data
## Total number of counts: 32.48 ; SD 22.4981
## 95% confidence interval: 1 - 77.4762
```


2#marigot@vieux habitants-2010



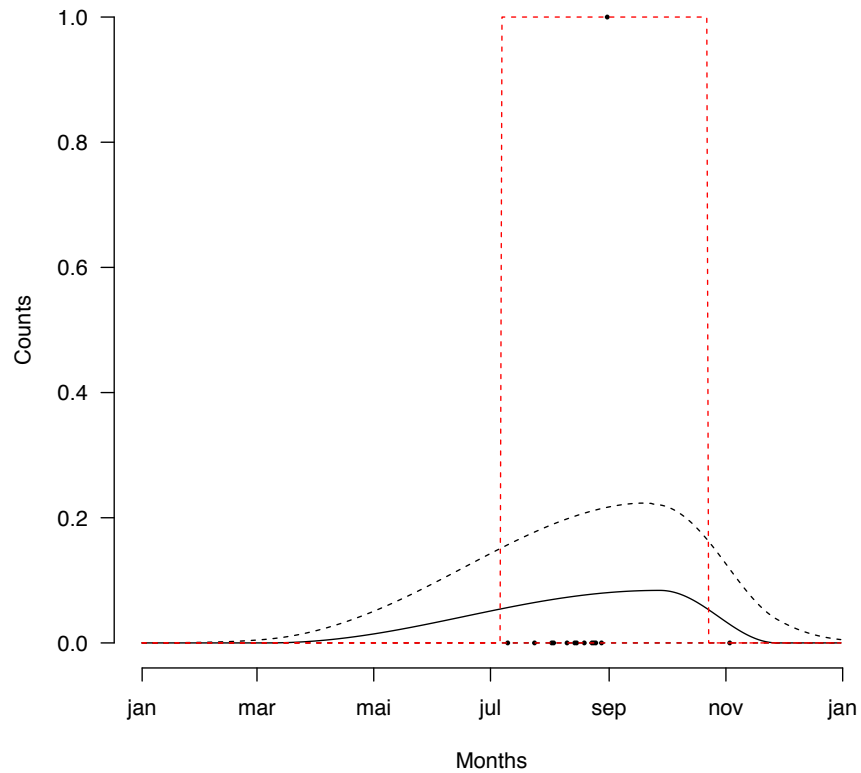
```
##
## Number of timeseries: 1
## -----
## 2#marigot@vieux habitants-2010
## -----
## Estimation without the observed data
## Total number of counts: 145.8826 ; SD 109.3776
## Estimation taking into account the observed data
## Total number of counts: 145.6174 ; SD 108.4526
## 95% confidence interval: 1 - 362.5225
```

2#marigot@vieux habitants-2011



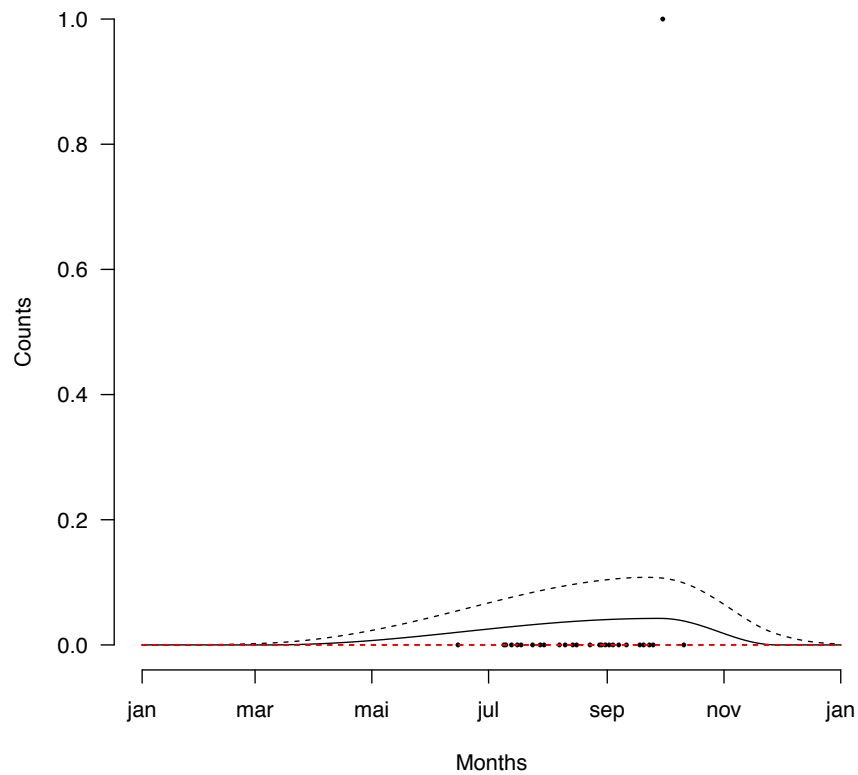
```
##
## Number of timeseries: 1
## -----
## 2#marigot@vieux habitants-2011
## -----
## Estimation without the observed data
## Total number of counts: 134.7148 ; SD 100.8089
## Estimation taking into account the observed data
## Total number of counts: 134.5022 ; SD 99.9036
## 95% confidence interval: 1 - 334.3093
```

2#marigot@vieux habitants-2012



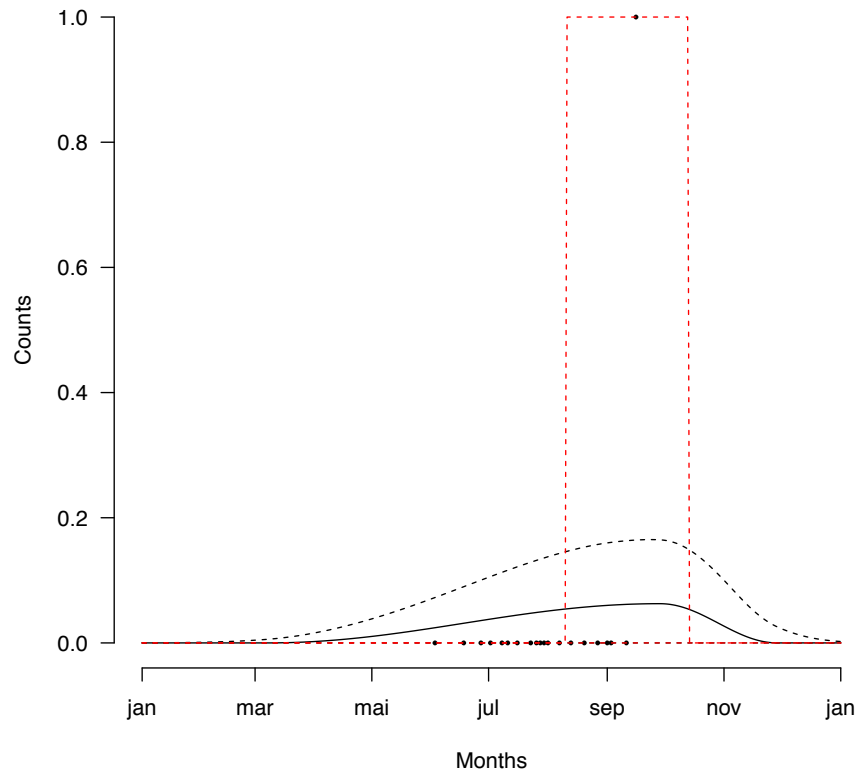
```
##
## Number of timeseries: 1
## -----
## 2#marigot@vieux habitants-2012
## -----
## Estimation without the observed data
## Total number of counts: 13.5146 ; SD 9.6774
## Estimation taking into account the observed data
## Total number of counts: 13.3405 ; SD 8.8472
## 95% confidence interval: 1 - 31.0348
```

2#marigot@vieux habitants-2013



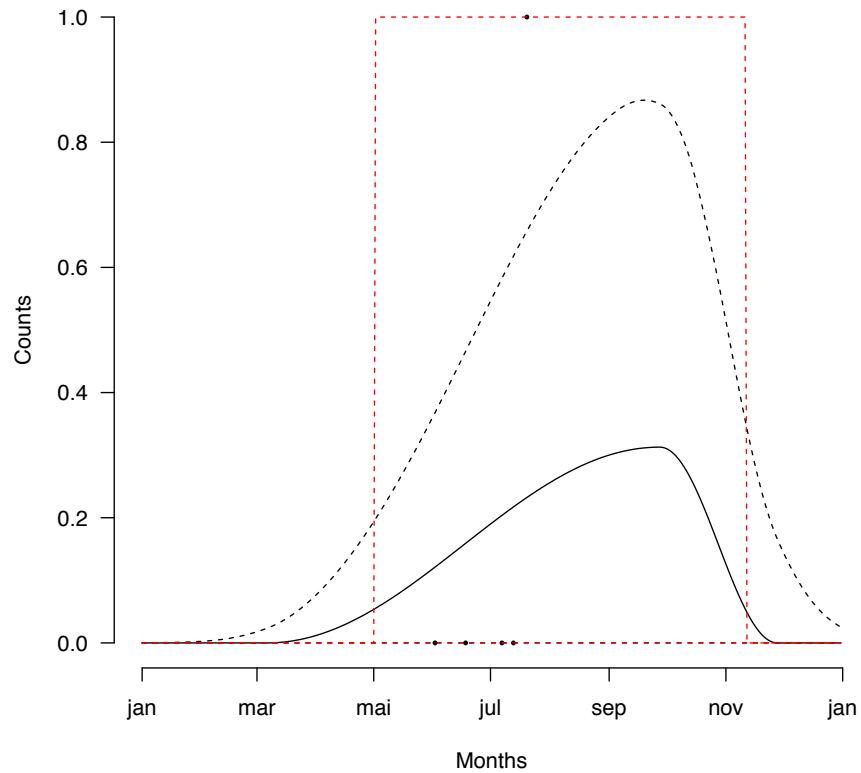
```
##
## Number of timeseries: 1
## -----
## 2#marigot@vieux habitants-2013
## -----
## Estimation without the observed data
## Total number of counts: 6.4456 ; SD 4.4863
## Estimation taking into account the observed data
## Total number of counts: 6.3452 ; SD 3.7306
## 95% confidence interval: 1 - 13.8063
```

2#marigot@vieux habitants-2014



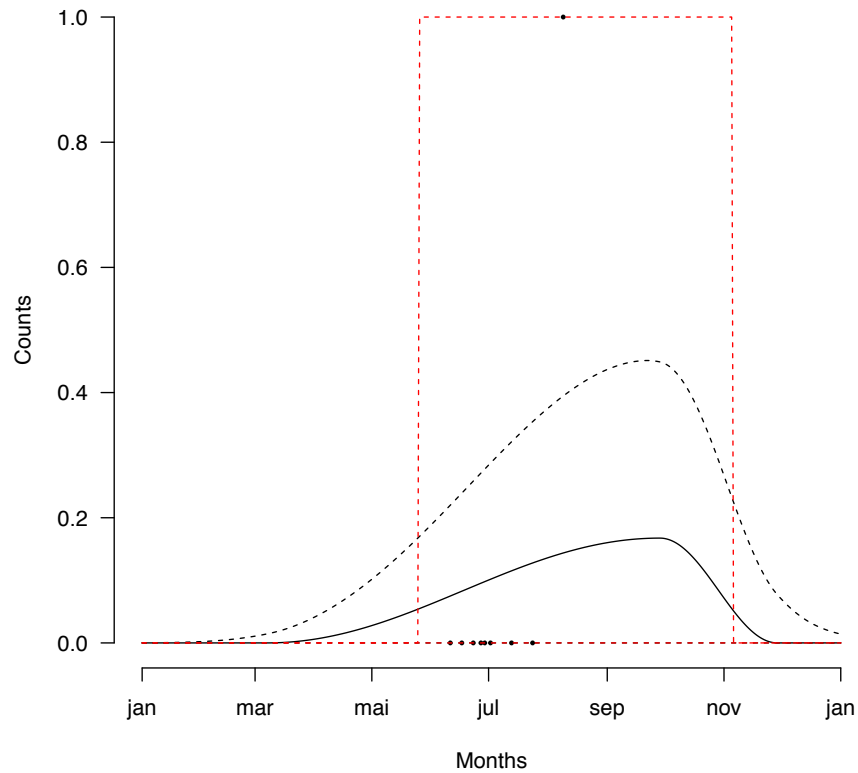
```
##
## Number of timeseries: 1
## -----
## 2#marigot@vieux habitants-2014
## -----
## Estimation without the observed data
## Total number of counts: 10.3203 ; SD 7.1462
## Estimation taking into account the observed data
## Total number of counts: 10.138 ; SD 6.3405
## 95% confidence interval: 1 - 22.8189
```

2#petite anse@bouillante-2008



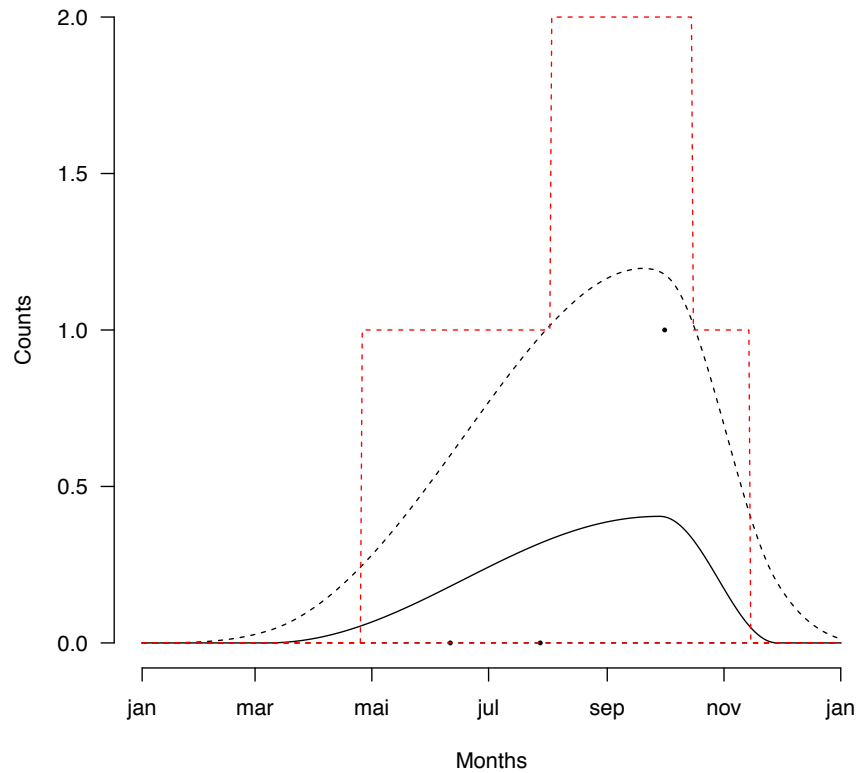
```
##
## Number of timeseries: 1
## -----
## 2#petite anse@bouillante-2008
## -----
## Estimation without the observed data
## Total number of counts: 53.0876 ; SD 38.4703
## Estimation taking into account the observed data
## Total number of counts: 52.9189 ; SD 37.6363
## 95% confidence interval: 1 - 128.1915
```

2#petite anse@bouillante-2009



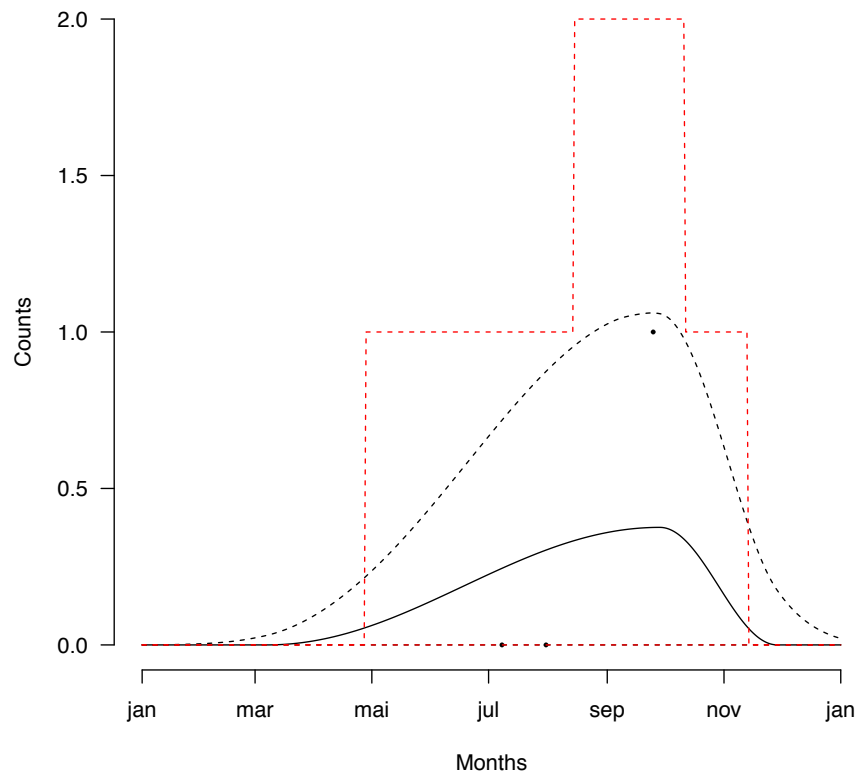
```
##
## Number of timeseries: 1
## -----
## 2#petite anse@bouillante-2009
## -----
## Estimation without the observed data
## Total number of counts: 26.767 ; SD 19.823
## Estimation taking into account the observed data
## Total number of counts: 26.6637 ; SD 19.0144
## 95% confidence interval: 1 - 64.6924
```

2#petite anse@bouillante-2010



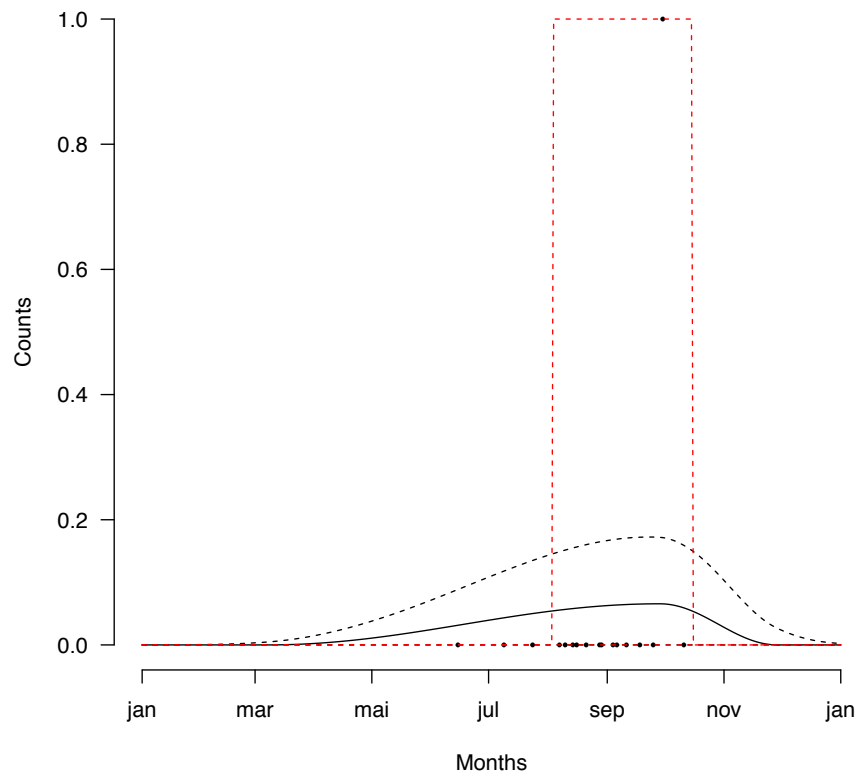
```
##
## Number of timeseries: 1
## -----
## 2#petite anse@bouillante-2010
## -----
## Estimation without the observed data
## Total number of counts: 75.415 ; SD 55.1938
## Estimation taking into account the observed data
## Total number of counts: 75.2043 ; SD 54.3133
## 95% confidence interval: 1 - 183.831
```


2#petite anse@bouillante-2011



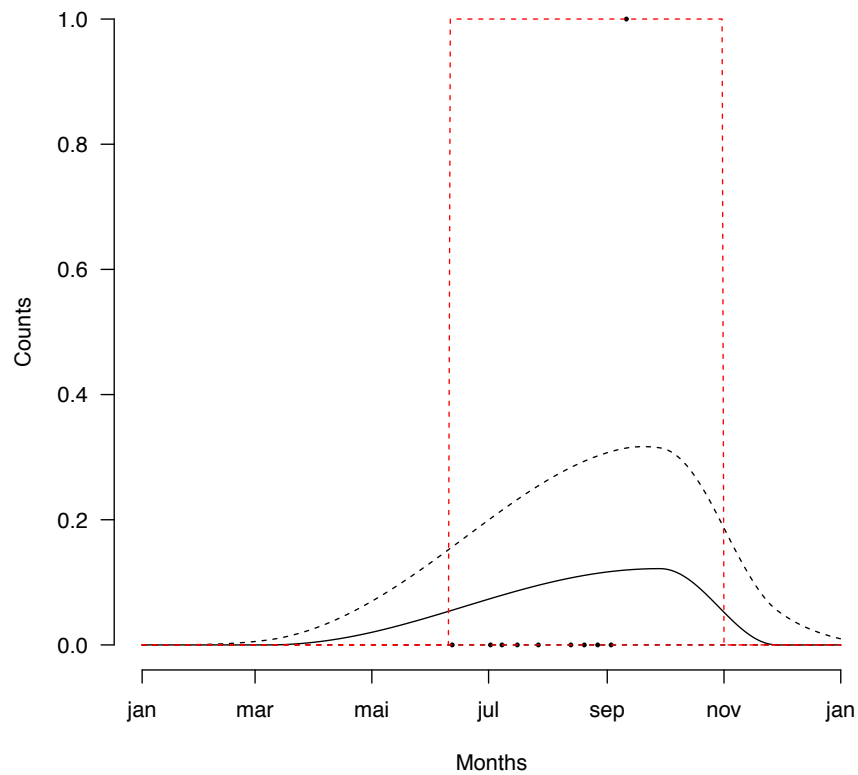
```
##
## Number of timeseries: 1
## -----
## 2#petite anse@bouillante-2011
## -----
## Estimation without the observed data
## Total number of counts: 66.9406 ; SD 47.5447
## Estimation taking into account the observed data
## Total number of counts: 66.7434 ; SD 46.7072
## 95% confidence interval: 1 - 160.1578
```

2#petite anse@bouillante-2013



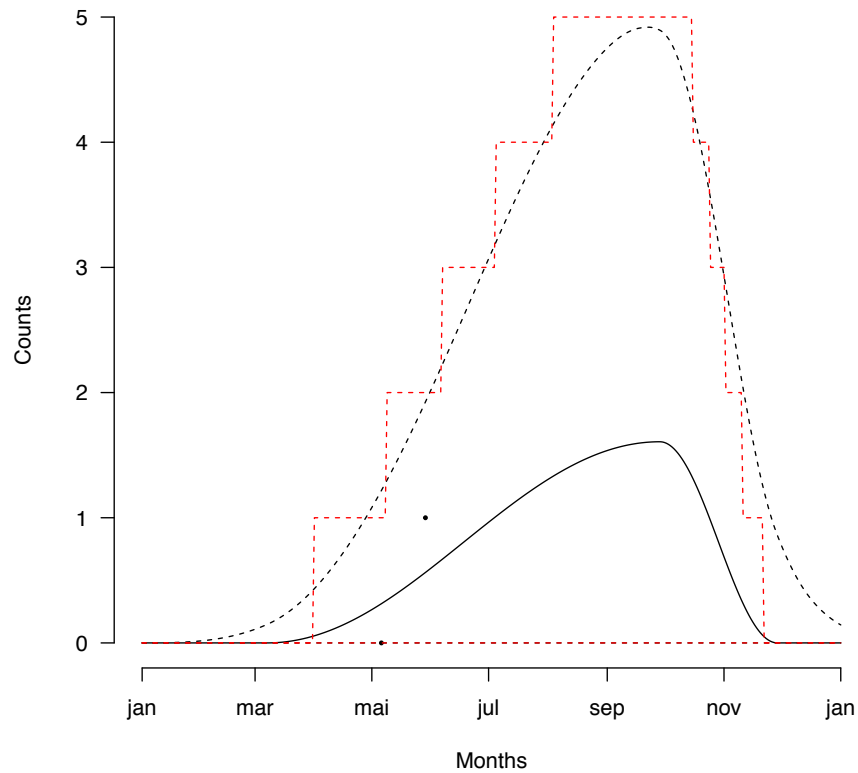
```
##
## Number of timeseries: 1
## -----
## 2#petite anse@bouillante-2013
## -----
## Estimation without the observed data
## Total number of counts: 10.3282 ; SD 7.3801
## Estimation taking into account the observed data
## Total number of counts: 10.1948 ; SD 6.584
## 95% confidence interval: 1 - 23.3628
```

2#petite anse@bouillante-2014



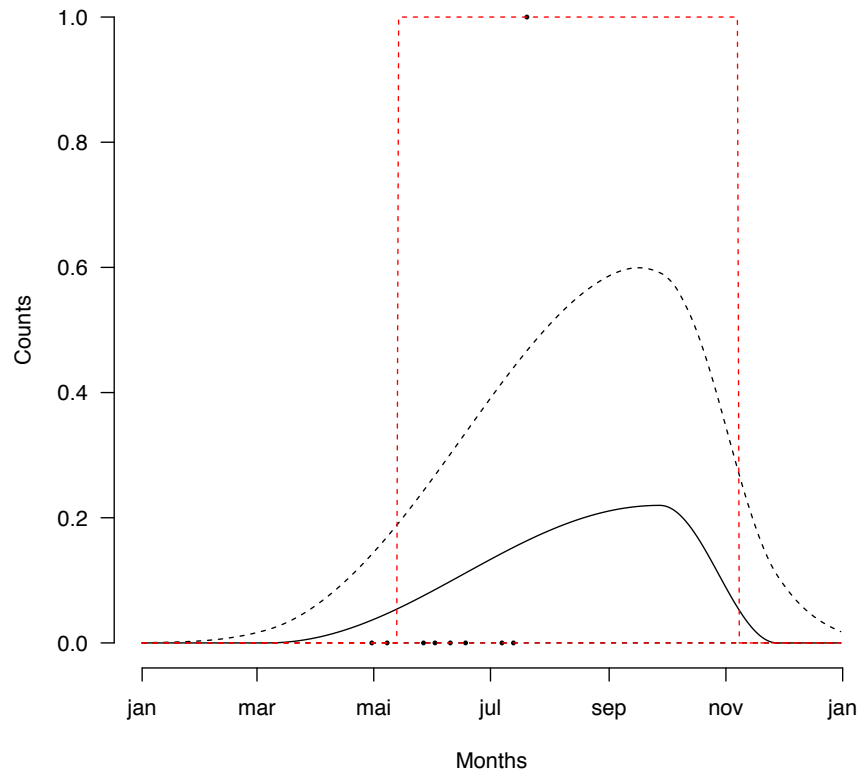
```
##
## Number of timeseries: 1
## -----
## 2#petite anse@bouillante-2014
## -----
## Estimation without the observed data
## Total number of counts: 19.6119 ; SD 13.528
## Estimation taking into account the observed data
## Total number of counts: 19.4671 ; SD 12.7492
## 95% confidence interval: 1 - 44.9655
```

2#petite anse@deshaies-2006



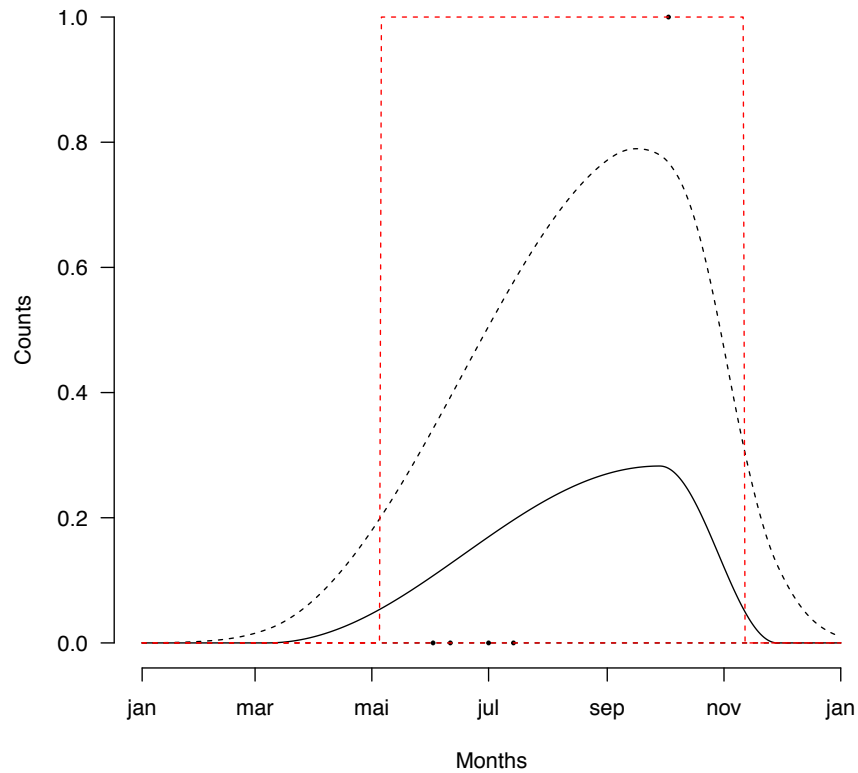
```
##
## Number of timeseries: 1
## -----
## 2#petite anse@deshaies-2006
## -----
## Estimation without the observed data
## Total number of counts: 306.973 ; SD 229.3674
## Estimation taking into account the observed data
## Total number of counts: 306.713 ; SD 228.394
## 95% confidence interval: 1 - 763.501
```

2#petite anse@deshaies-2008



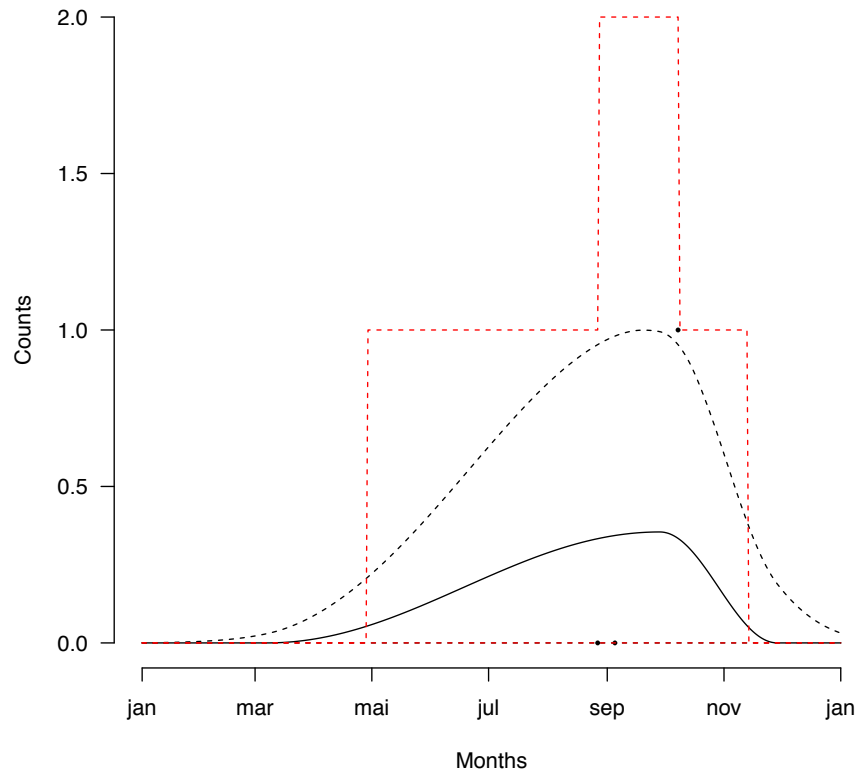
```
##
## Number of timeseries: 1
## -----
## 2#petite anse@deshaies-2008
## -----
## Estimation without the observed data
## Total number of counts: 37.2767 ; SD 26.5904
## Estimation taking into account the observed data
## Total number of counts: 37.1035 ; SD 25.7352
## 95% confidence interval: 1 - 88.5738
```

2#petite anse@deshaies-2009



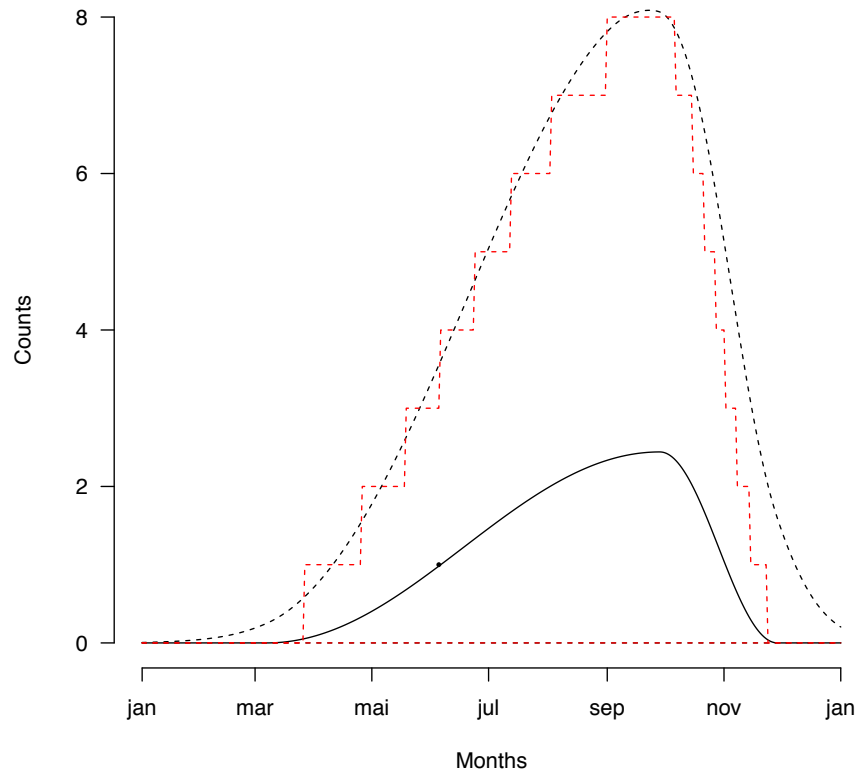
```
##
## Number of timeseries: 1
## -----
## 2#petite anse@deshaies-2009
## -----
## Estimation without the observed data
## Total number of counts: 48.2167 ; SD 35.5028
## Estimation taking into account the observed data
## Total number of counts: 48.1318 ; SD 34.7018
## 95% confidence interval: 1 - 117.5353
```

2#petite anse@deshaies-2010



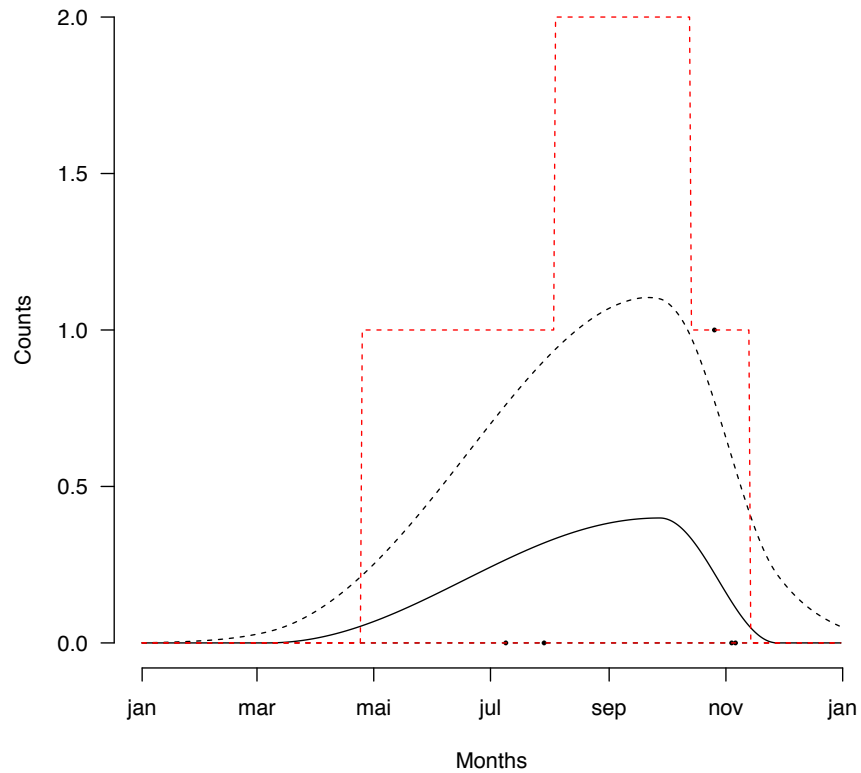
```
##
## Number of timeseries: 1
## -----
## 2#petite anse@deshaies-2010
## -----
## Estimation without the observed data
## Total number of counts: 60.9451 ; SD 44.9974
## Estimation taking into account the observed data
## Total number of counts: 60.7006 ; SD 44.0952
## 95% confidence interval: 1 - 148.8909
```

2#petite anse@deshaies-2011



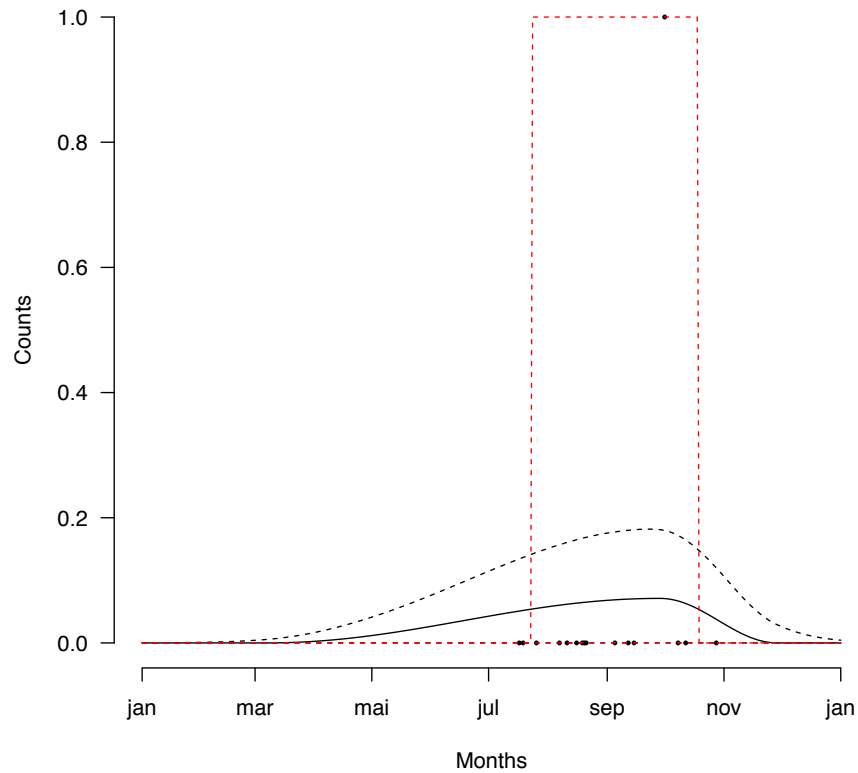
```
##
## Number of timeseries: 1
## -----
## 2#petite anse@deshaies-2011
## -----
## Estimation without the observed data
## Total number of counts: 530.109 ; SD 396.1805
## Estimation taking into account the observed data
## Total number of counts: 529.5355 ; SD 395.0156
## 95% confidence interval: 1 - 1319.5667
```


2#petite anse@deshaies-2012



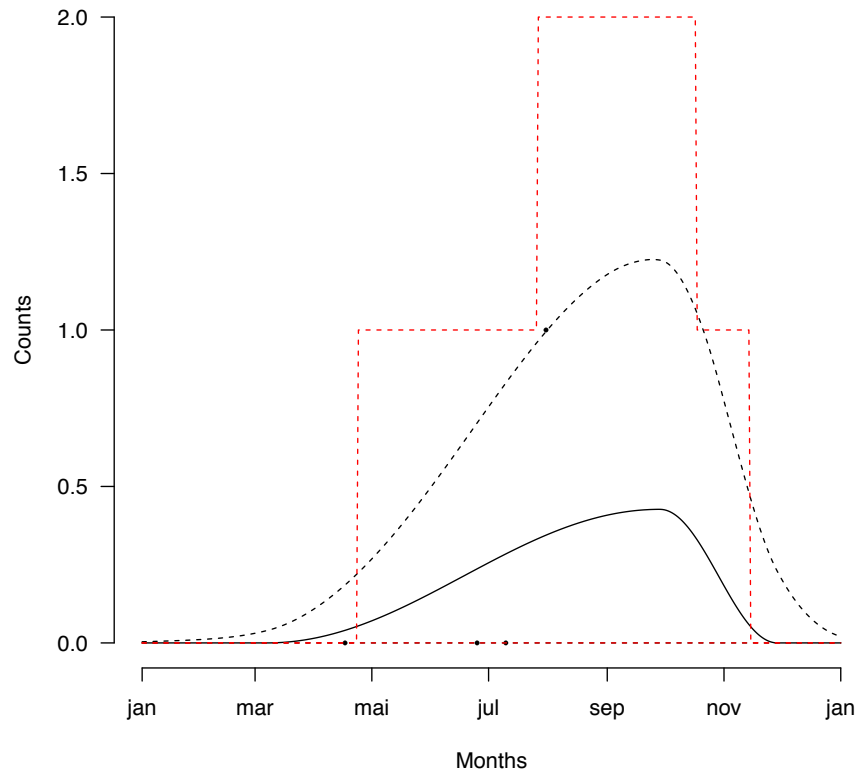
```
##
## Number of timeseries: 1
## -----
## 2#petite anse@deshaies-2012
## -----
## Estimation without the observed data
## Total number of counts: 68.0039 ; SD 49.4353
## Estimation taking into account the observed data
## Total number of counts: 67.6487 ; SD 48.4272
## 95% confidence interval: 1 - 164.5031
```

2#petite anse@deshaies-2013



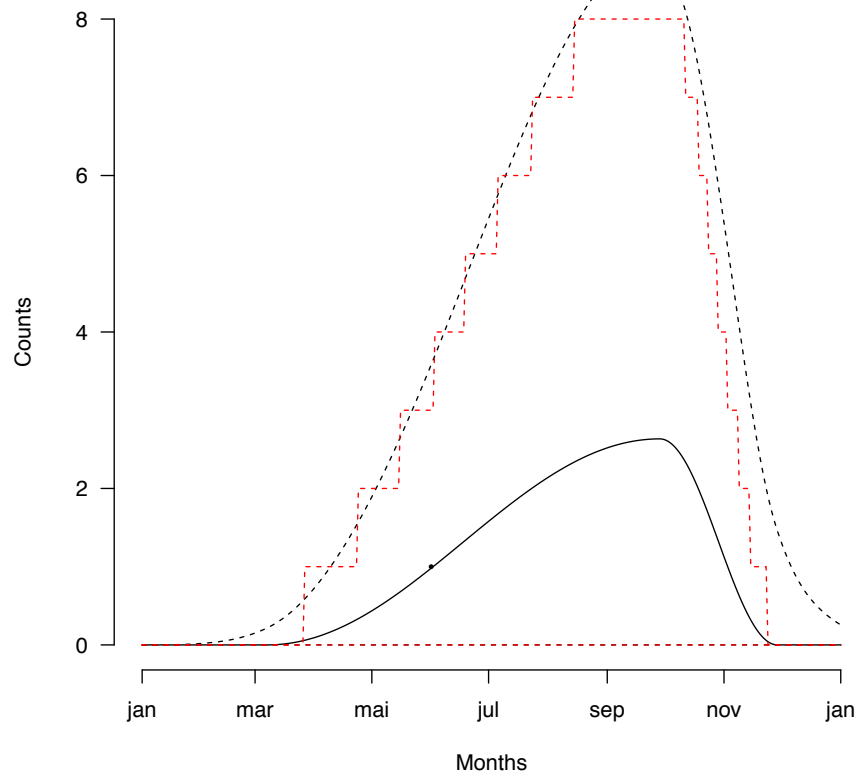
```
##
## Number of timeseries: 1
## -----
## 2#petite anse@deshaies-2013
## -----
## Estimation without the observed data
## Total number of counts: 10.9715 ; SD 7.6044
## Estimation taking into account the observed data
## Total number of counts: 10.8682 ; SD 6.8503
## 95% confidence interval: 1 - 24.5688
```

2#petite anse@deshaies-2014



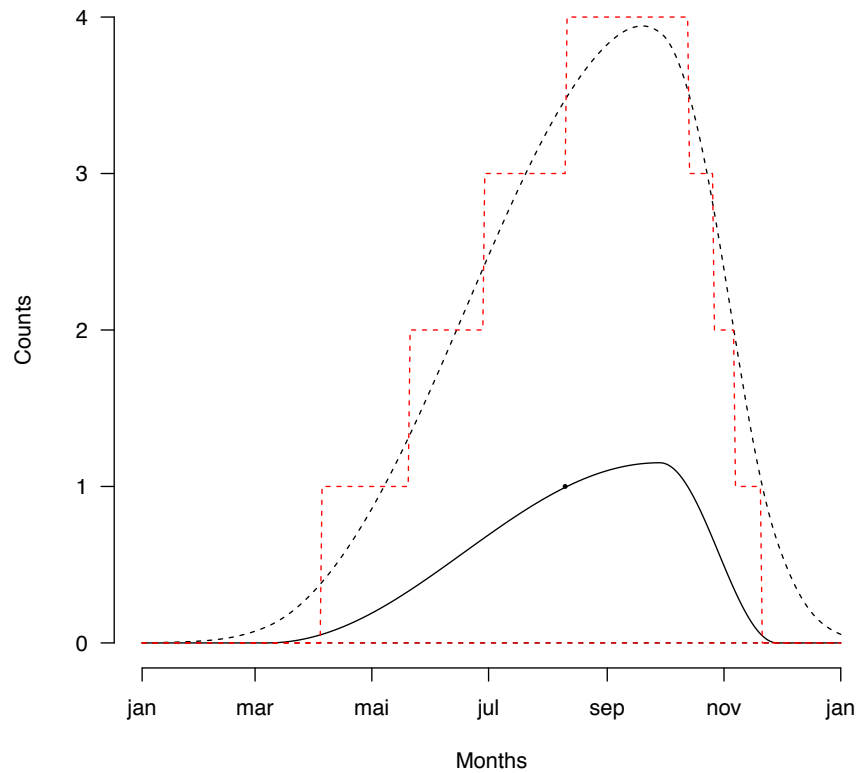
```
##
## Number of timeseries: 1
## -----
## 2#petite anse@deshaies-2014
## -----
## Estimation without the observed data
## Total number of counts: 78.4844 ; SD 54.8624
## Estimation taking into account the observed data
## Total number of counts: 78.2411 ; SD 54.023
## 95% confidence interval: 1 - 186.2871
```

2#petite sucrerie@vieux habitants-2010



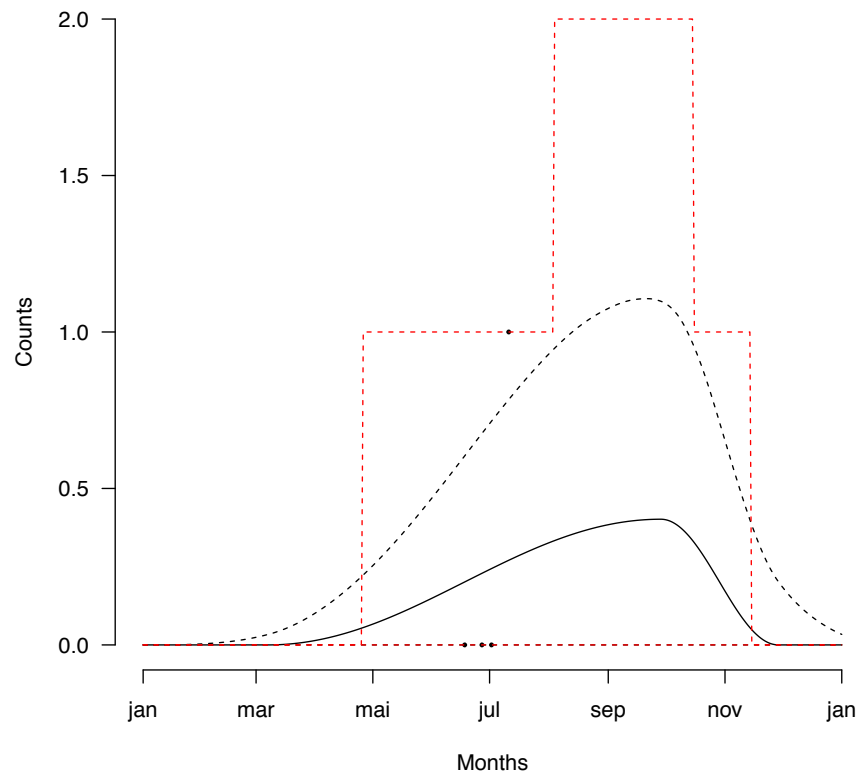
```
##
## Number of timeseries: 1
## -----
## 2#petite sucrerie@vieux habitants-2010
## -----
## Estimation without the observed data
## Total number of counts: 575.0085 ; SD 422.1231
## Estimation taking into account the observed data
## Total number of counts: 574.4325 ; SD 420.9663
## 95% confidence interval: 1 - 1416.3652
```

2#petite sucrerie@vieux habitants-2013



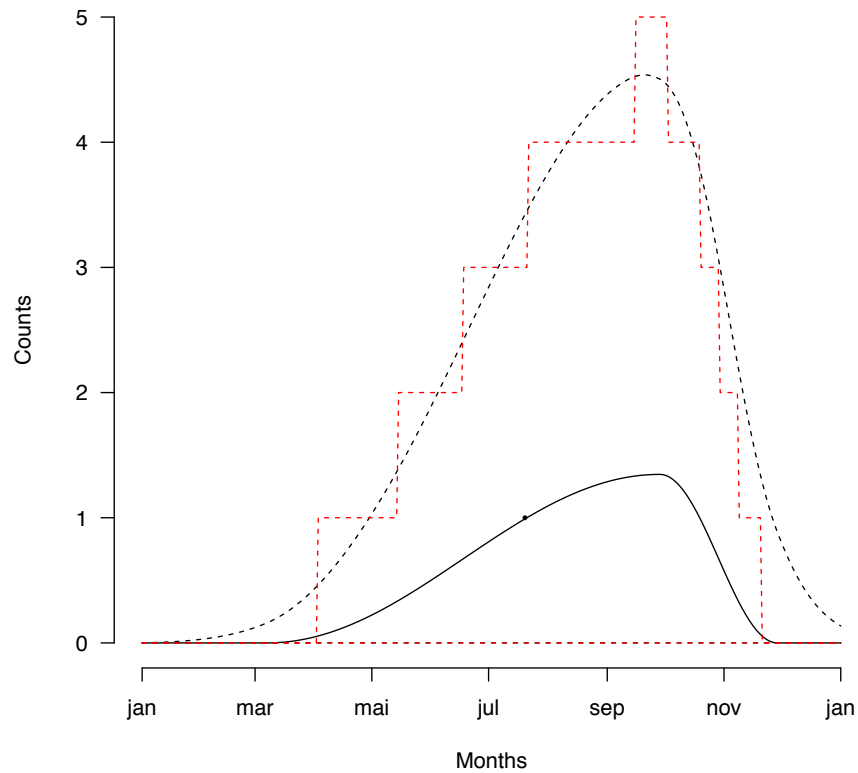
```
##
## Number of timeseries: 1
## -----
## 2#petite sucrerie@vieux habitants-2013
## -----
## Estimation without the observed data
## Total number of counts: 257.0258 ; SD 193.0532
## Estimation taking into account the observed data
## Total number of counts: 256.3763 ; SD 191.8361
## 95% confidence interval: 1 - 640.0485
```

2#petite sucrerie@vieux habitants-2014



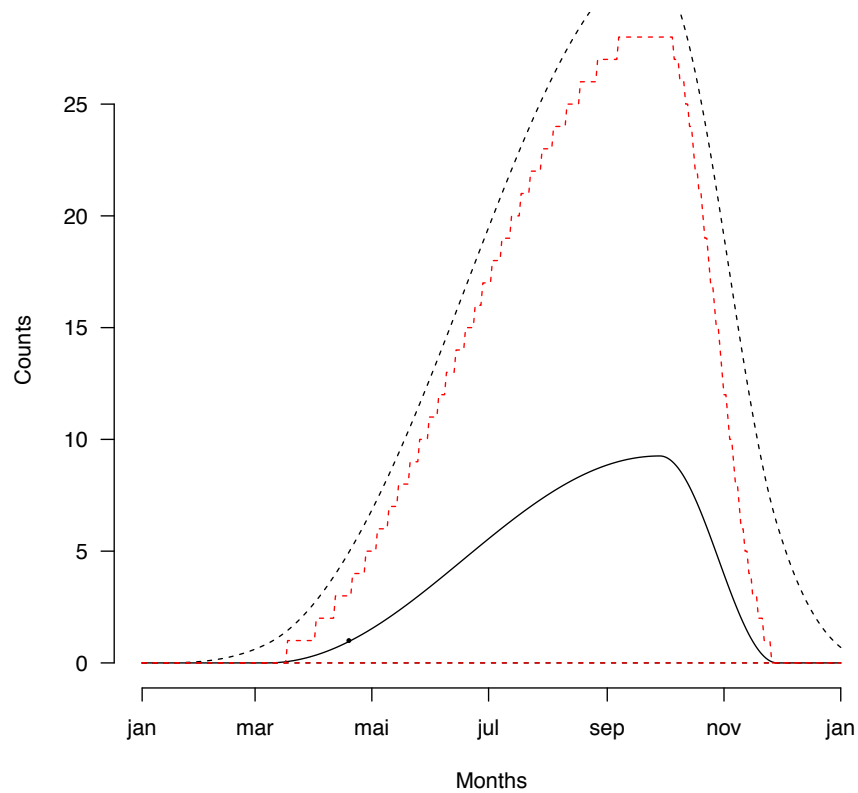
```
##
## Number of timeseries: 1
## -----
## 2#petite sucrerie@vieux habitants-2014
## -----
## Estimation without the observed data
## Total number of counts: 68.8115 ; SD 48.9426
## Estimation taking into account the observed data
## Total number of counts: 68.5858 ; SD 48.0778
## 95% confidence interval: 1 - 164.7414
```

2#plage naturiste@sainte rose-2013



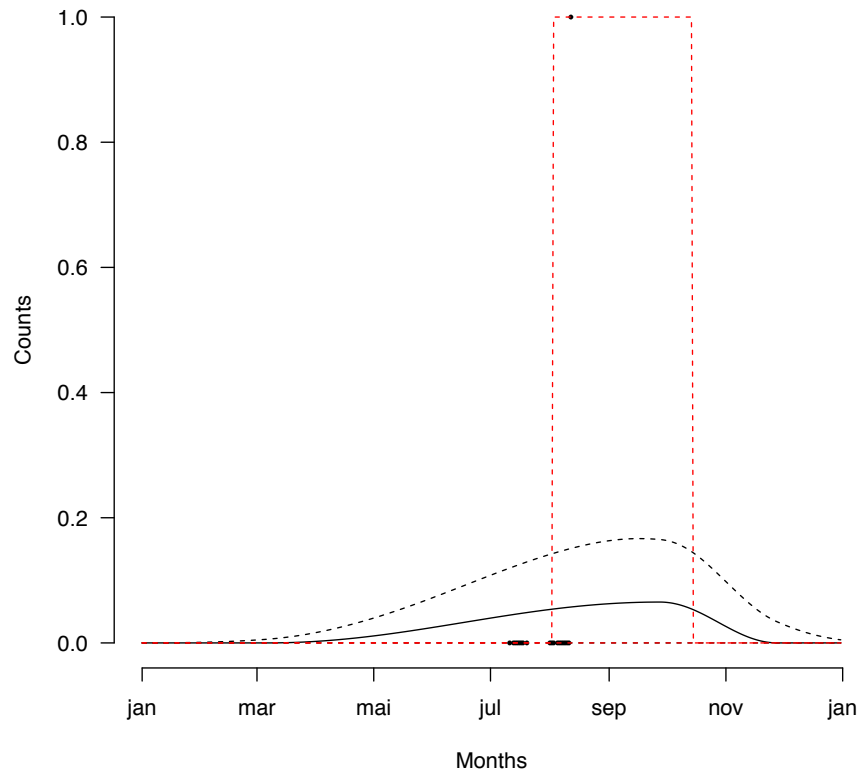
```
##
## Number of timeseries: 1
## -----
## 2#plage naturiste@sainte rose-2013
## -----
## Estimation without the observed data
## Total number of counts: 297.7468 ; SD 222.8118
## Estimation taking into account the observed data
## Total number of counts: 297.1225 ; SD 221.6296
## 95% confidence interval: 1 - 740.3817
```

2#rifflet@deshaies-2005



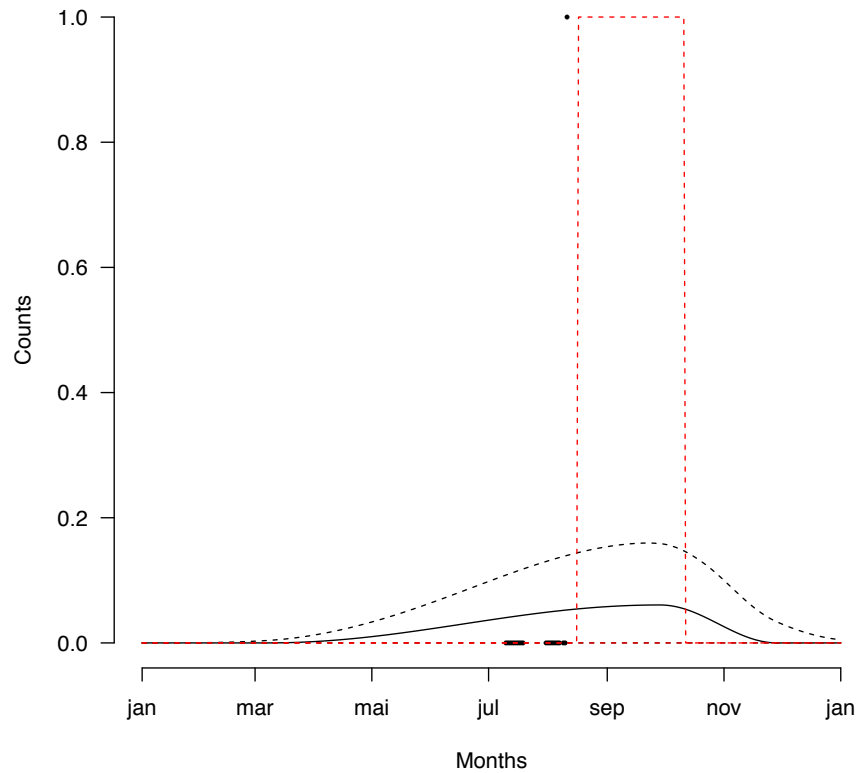
```
##
## Number of timeseries: 1
## -----
## 2#rifflet@deshaies-2005
## -----
## Estimation without the observed data
## Total number of counts: 2017.5146 ; SD 1507.7233
## Estimation taking into account the observed data
## Total number of counts: 2016.796 ; SD 1506.3824
## 95% confidence interval: 1 - 5029.5608
```


2#rifflet@deshaies-2008



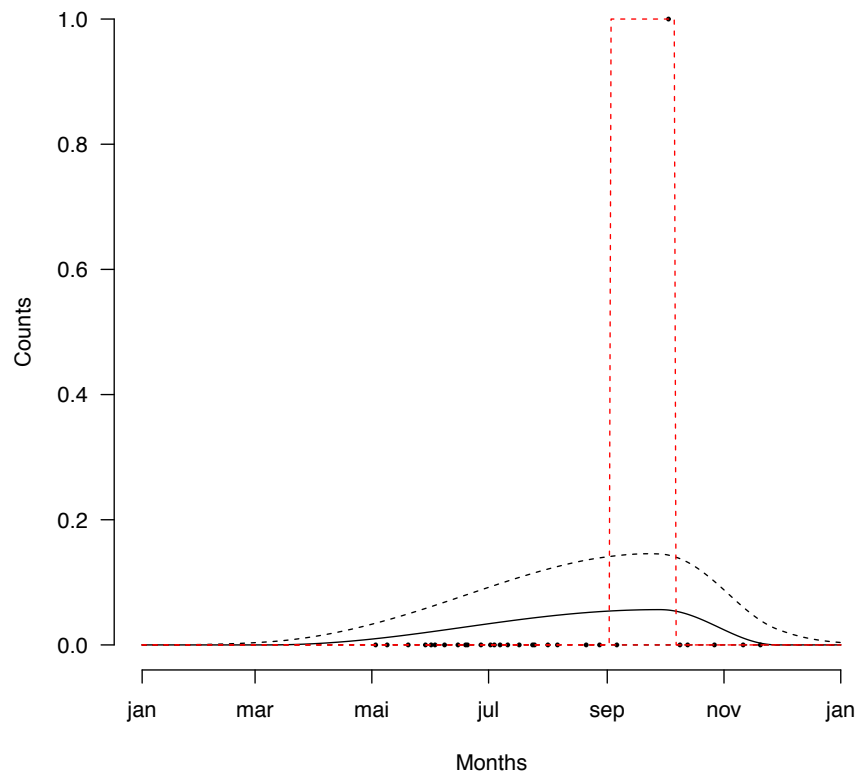
```
##
## Number of timeseries: 1
## -----
## 2#rifflet@deshaies-2008
## -----
## Estimation without the observed data
## Total number of counts: 10.6697 ; SD 7.1124
## Estimation taking into account the observed data
## Total number of counts: 10.4777 ; SD 6.3289
## 95% confidence interval: 1 - 23.1354
```

2#rifflet@deshaies-2009



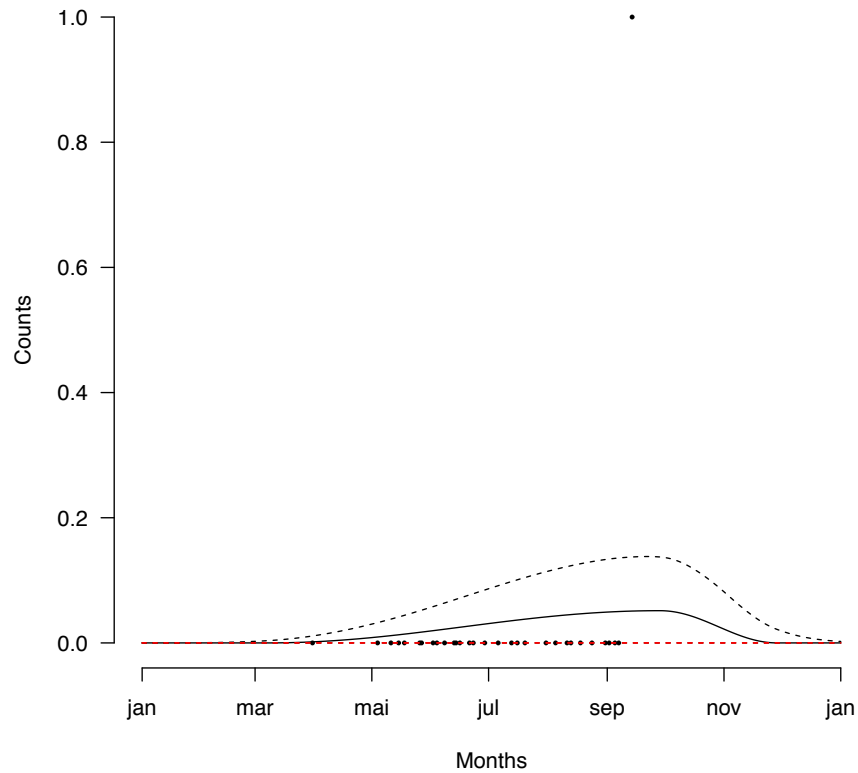
```
##
## Number of timeseries: 1
## -----
## 2#rifflet@deshaies-2009
## -----
## Estimation without the observed data
## Total number of counts: 9.846 ; SD 6.8101
## Estimation taking into account the observed data
## Total number of counts: 9.6793 ; SD 6.0231
## 95% confidence interval: 1 - 21.7254
```

2#rifflet@deshaies-2010



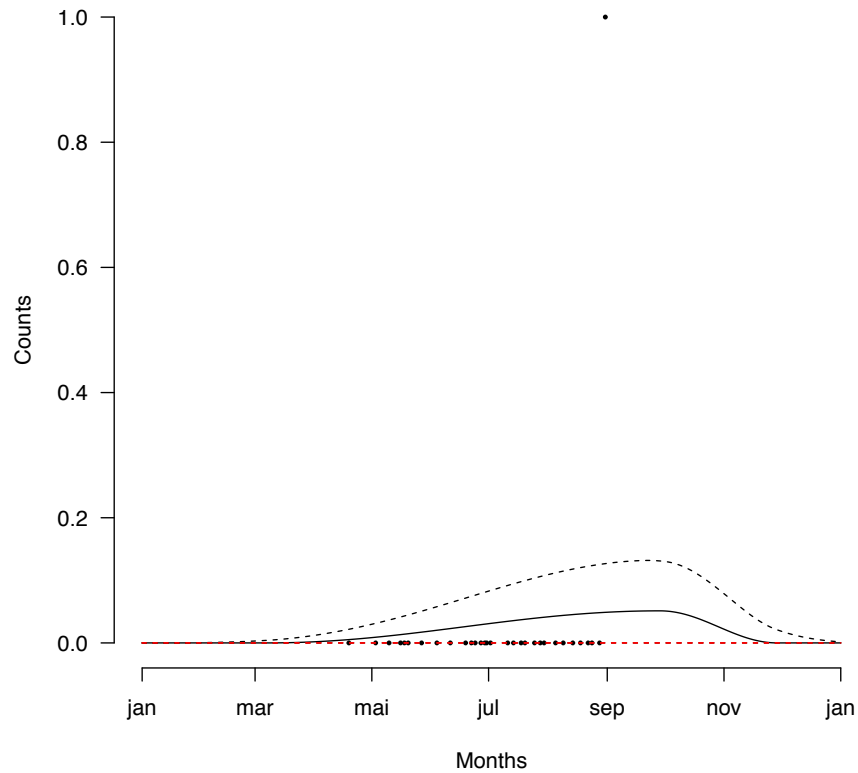
```
##
## Number of timeseries: 1
## -----
## 2#rifflet@deshaies-2010
## -----
## Estimation without the observed data
## Total number of counts: 9.0588 ; SD 6.2315
## Estimation taking into account the observed data
## Total number of counts: 8.912 ; SD 5.4473
## 95% confidence interval: 1 - 19.8066
```

2#rifflet@deshaies-2011



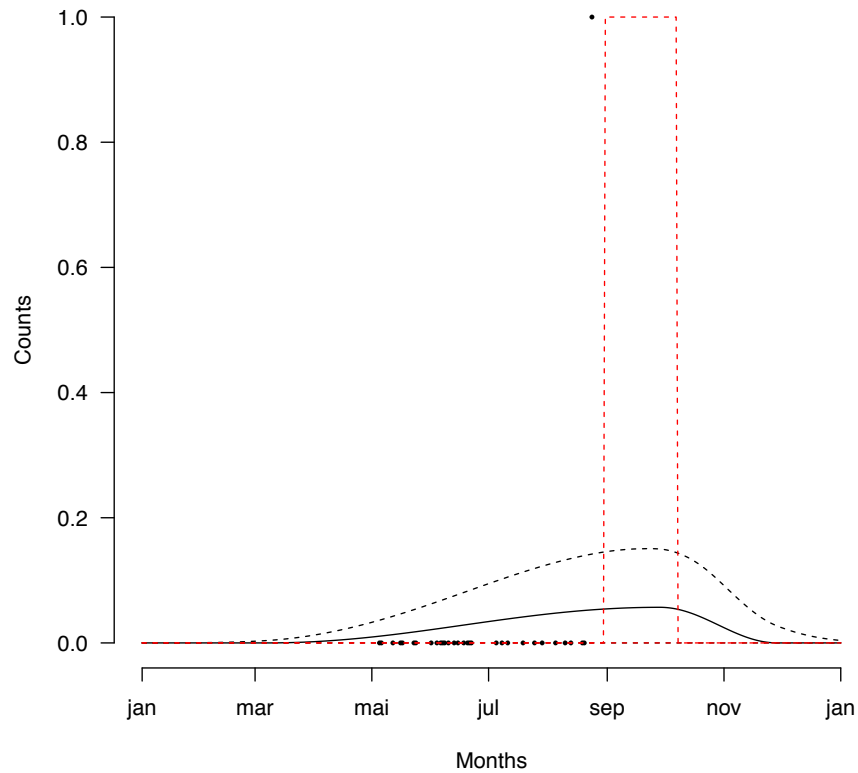
```
##
## Number of timeseries: 1
## -----
## 2#rifflet@deshaies-2011
## -----
## Estimation without the observed data
## Total number of counts: 8.2308 ; SD 5.9911
## Estimation taking into account the observed data
## Total number of counts: 8.0753 ; SD 5.165
## 95% confidence interval: 1 - 18.4053
```

2#rifflet@deshaies-2013



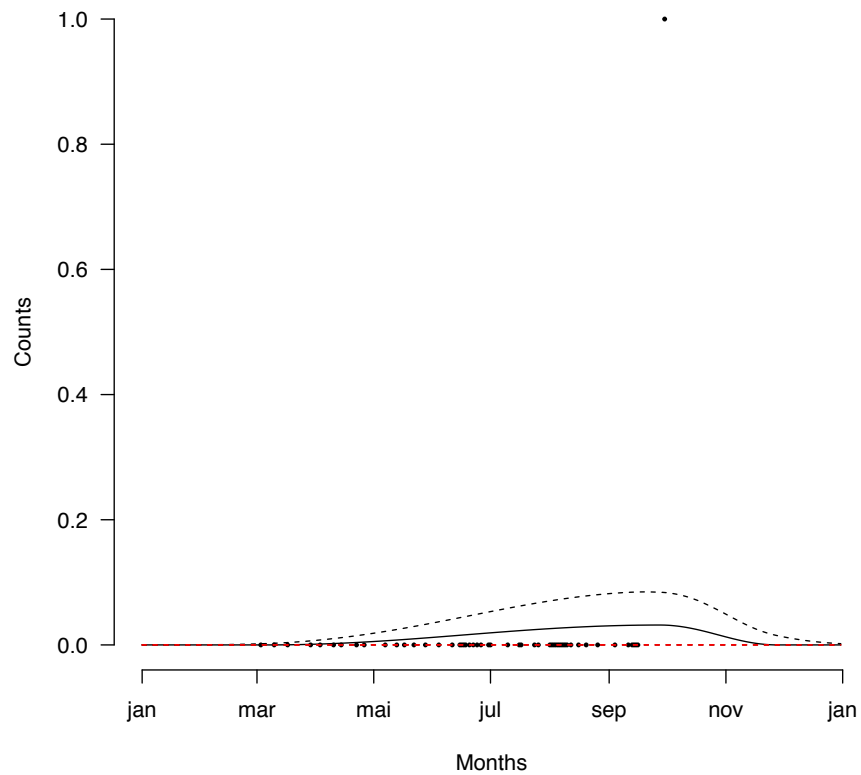
```
##
## Number of timeseries: 1
## -----
## 2#rifflet@deshaies-2013
## -----
## Estimation without the observed data
## Total number of counts: 8.104 ; SD 5.5696
## Estimation taking into account the observed data
## Total number of counts: 7.9669 ; SD 4.798
## 95% confidence interval: 1 - 17.563
```

2#rifflet@deshaies-2014



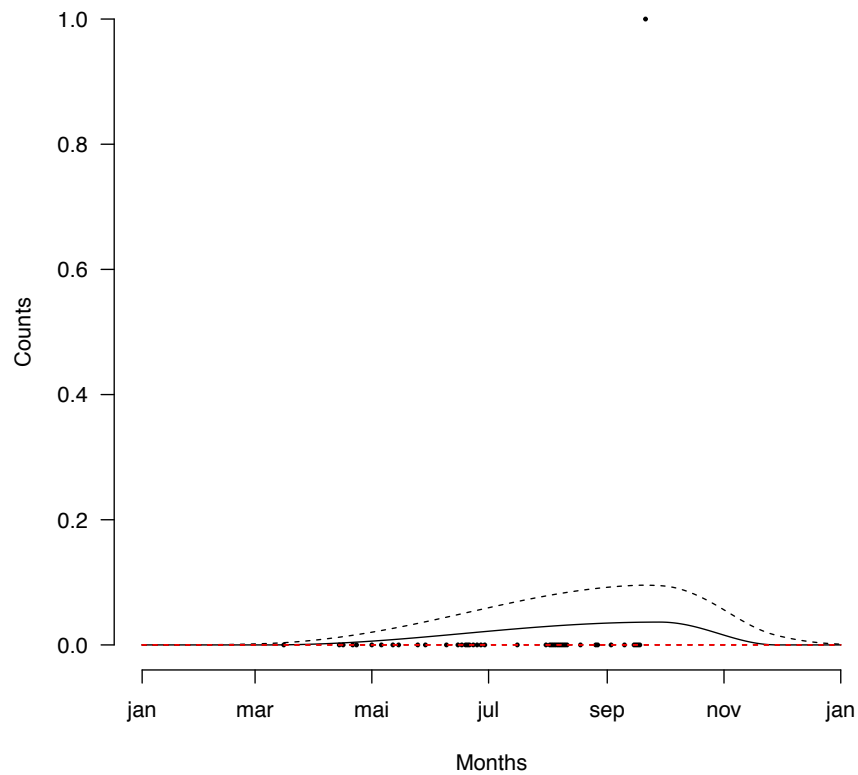
```
##
## Number of timeseries: 1
## -----
## 2#rifflet@deshaies-2014
## -----
## Estimation without the observed data
## Total number of counts: 9.3109 ; SD 6.5414
## Estimation taking into account the observed data
## Total number of counts: 9.1437 ; SD 5.7377
## 95% confidence interval: 1 - 20.6191
```

2#riviere sens@gourbeyre-2008



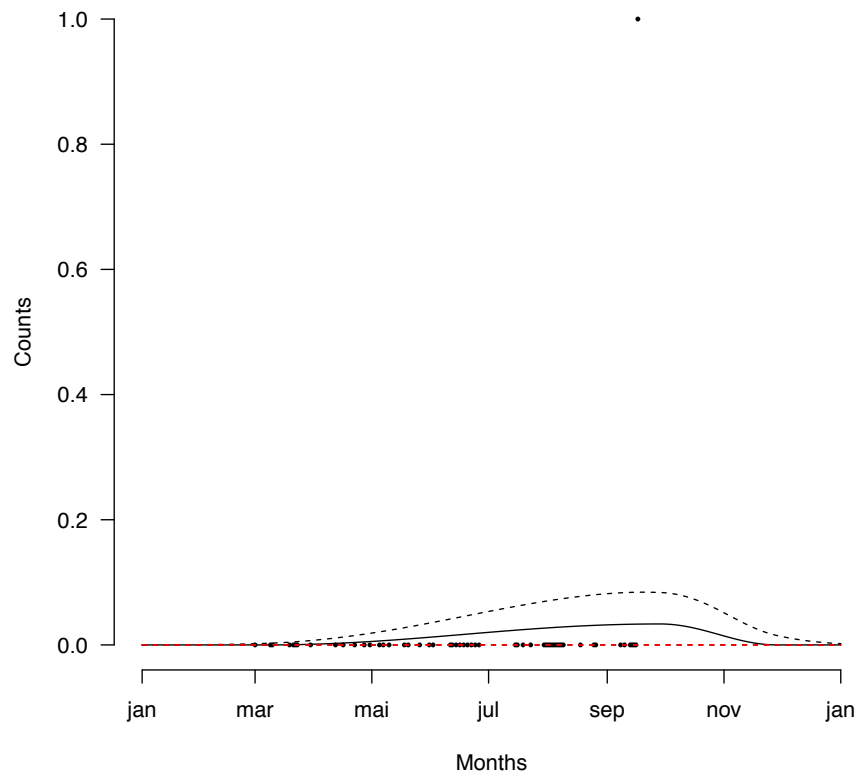
```
##
## Number of timeseries: 1
## -----
## 2#riviere sens@gourbeyre-2008
## -----
## Estimation without the observed data
## Total number of counts: 4.9769 ; SD 3.689
## Estimation taking into account the observed data
## Total number of counts: 4.8441 ; SD 2.8705
## 95% confidence interval: 1 - 10.5852
```

2#riviere sens@gourbeyre-2009



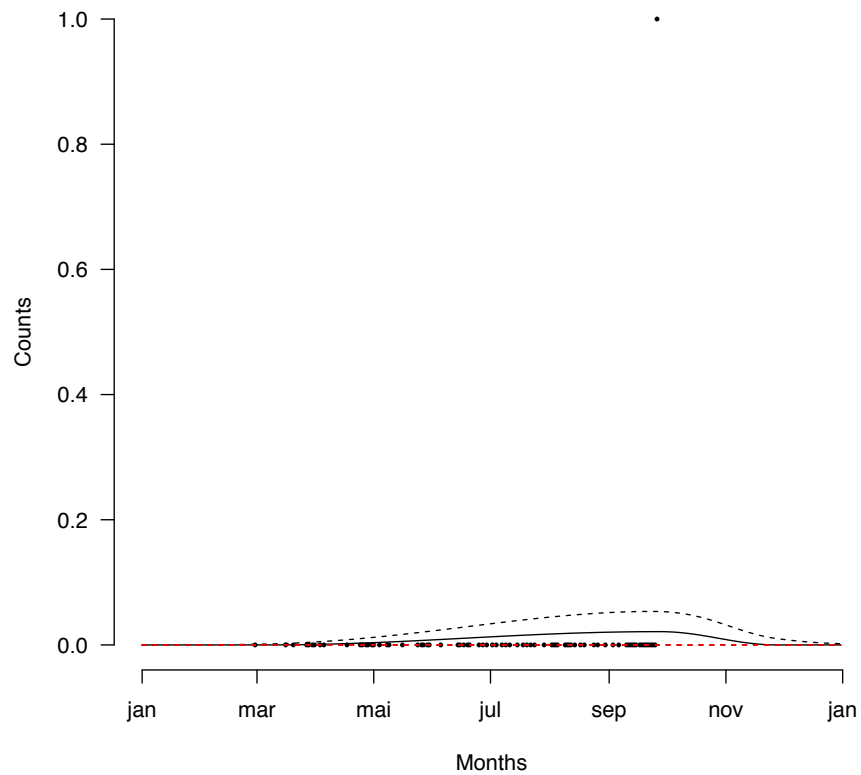
```
##
## Number of timeseries: 1
## -----
## 2#riviere sens@gourbeyre-2009
## -----
## Estimation without the observed data
## Total number of counts: 5.6923 ; SD 4.0442
## Estimation taking into account the observed data
## Total number of counts: 5.5529 ; SD 3.2501
## 95% confidence interval: 1 - 12.0531
```


2#riviere sens@gourbeyre-2010



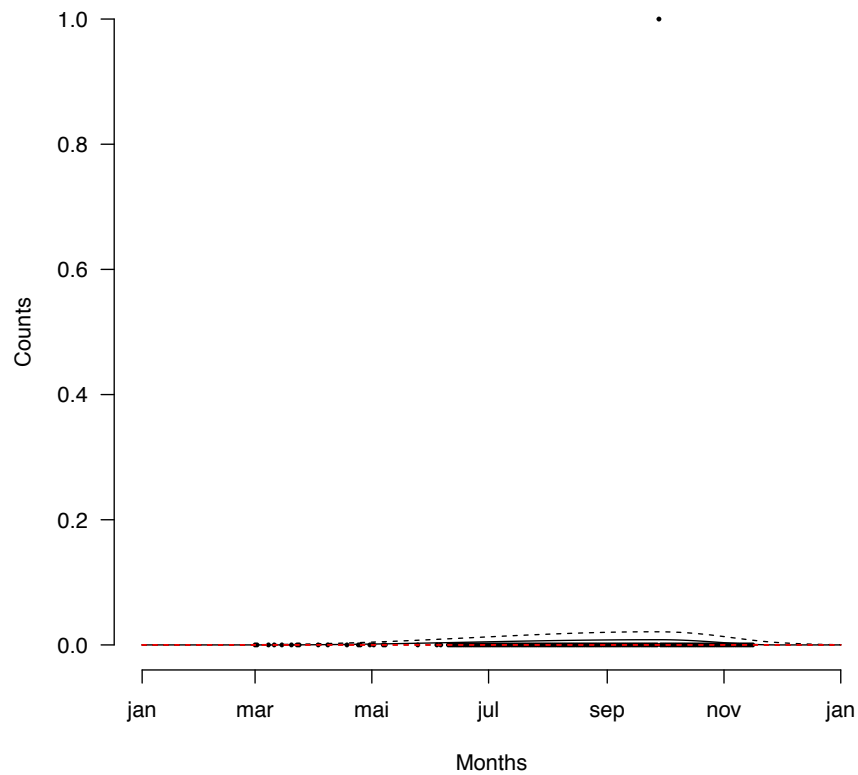
```
##
## Number of timeseries: 1
## -----
## 2#riviere sens@gourbeyre-2010
## -----
## Estimation without the observed data
## Total number of counts: 5.3695 ; SD 3.5484
## Estimation taking into account the observed data
## Total number of counts: 5.207 ; SD 2.7904
## 95% confidence interval: 1 - 10.7877
```

2#riviere sens@gourbeyre-2012



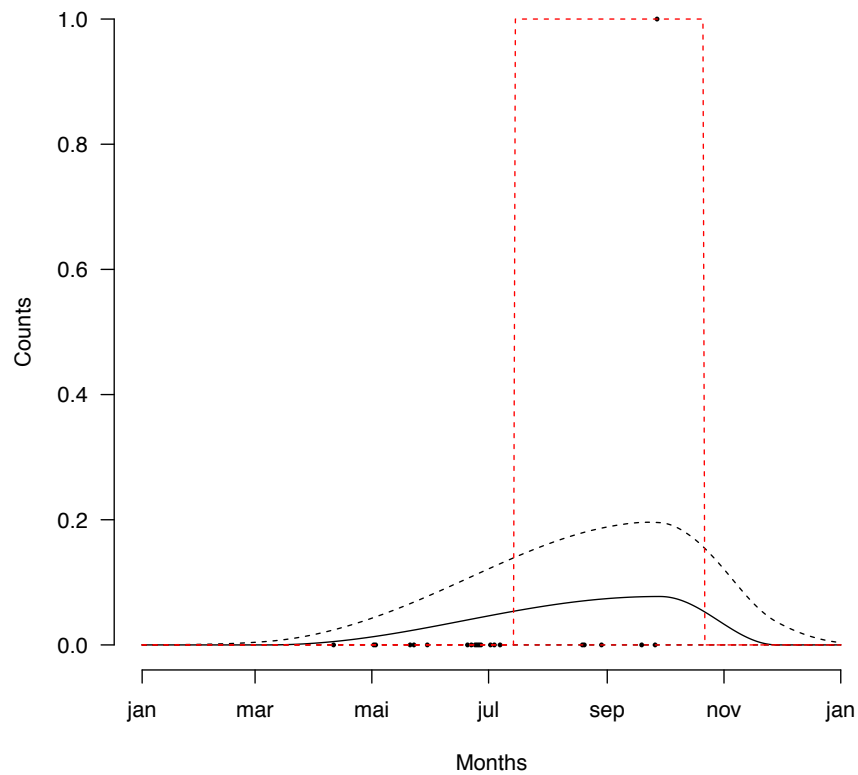
```
##
## Number of timeseries: 1
## -----
## 2#riviere sens@gourbeyre-2012
## -----
## Estimation without the observed data
## Total number of counts: 3.3834 ; SD 2.2448
## Estimation taking into account the observed data
## Total number of counts: 3.2233 ; SD 1.4987
## 95% confidence interval: 1 - 6.2208
```

2#riviere sens@gourbeyre-2013



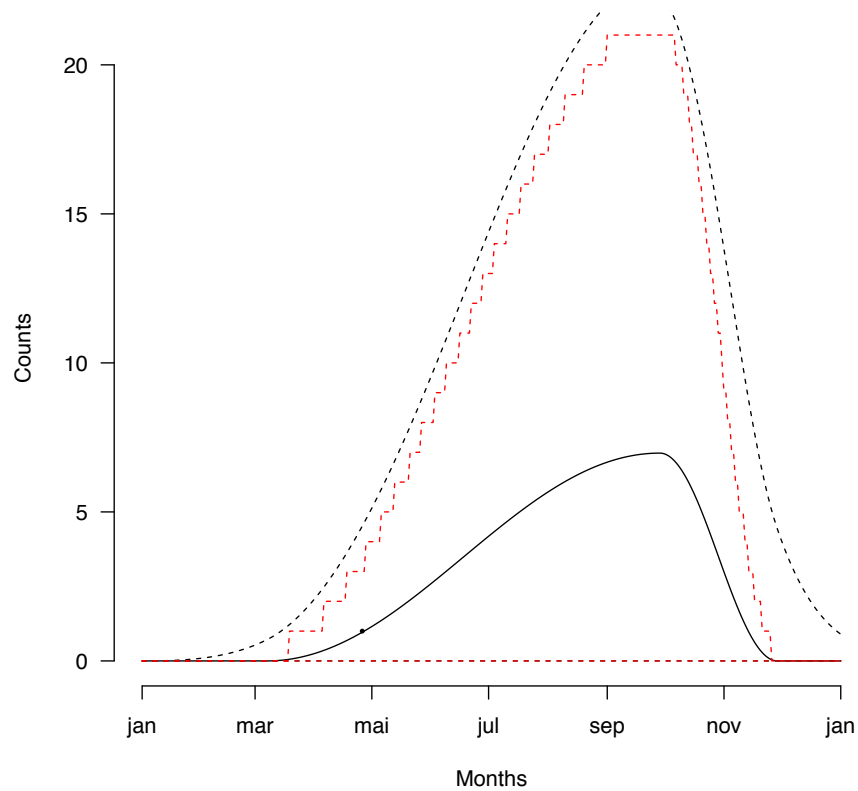
```
##
## Number of timeseries: 1
## -----
## 2#riviere sens@gourbeyre-2013
## -----
## Estimation without the observed data
## Total number of counts: 1.2716 ; SD 0.8754
## Estimation taking into account the observed data
## Total number of counts: 1.1471 ; SD 0.1206
## 95% confidence interval: 1 - 1.3882
```

2#riviere sens@gourbeyre-2014



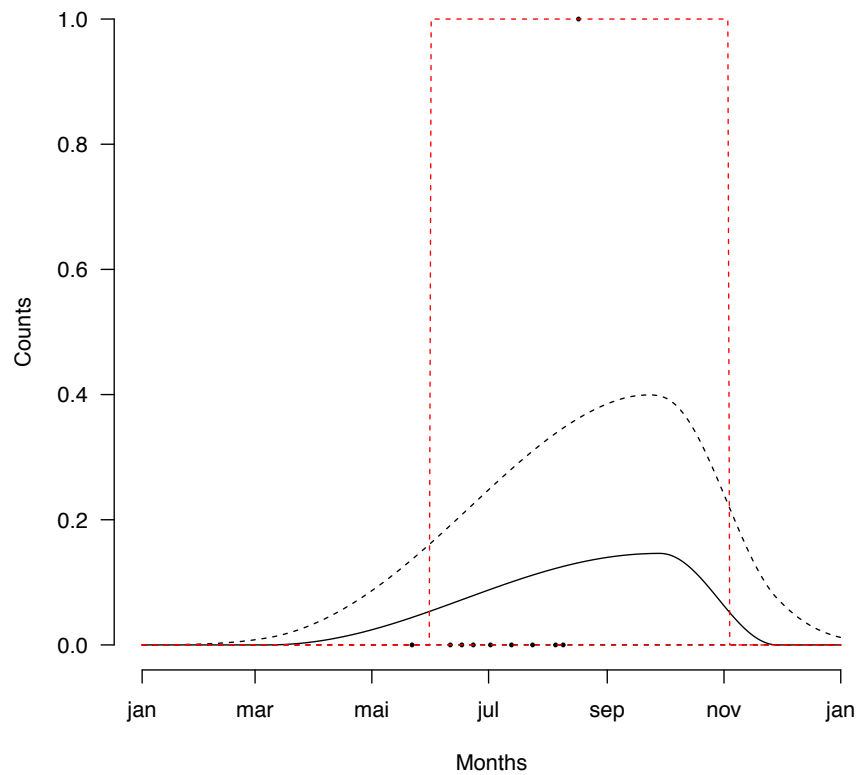
```
##
## Number of timeseries: 1
## -----
## 2#riviere sens@gourbeyre-2014
## -----
## Estimation without the observed data
## Total number of counts: 12.1513 ; SD 8.1374
## Estimation taking into account the observed data
## Total number of counts: 12.0556 ; SD 7.4144
## 95% confidence interval: 1 - 26.8845
```

2#rocroy@vieux habitants-2006



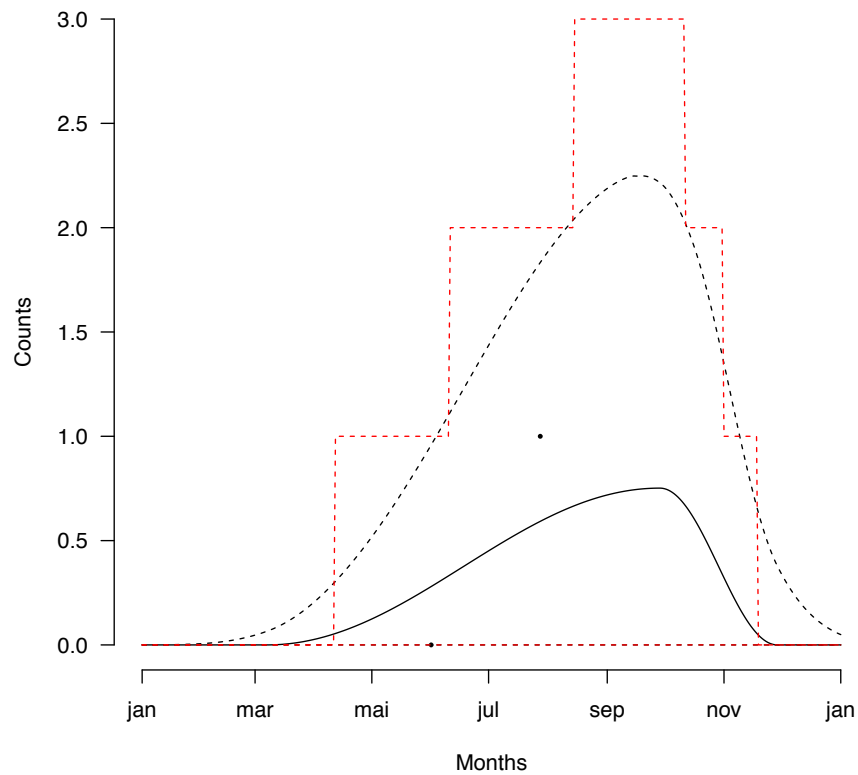
```
##
## Number of timeseries: 1
## -----
## 2#rocroy@vieux habitants-2006
## -----
## Estimation without the observed data
## Total number of counts: 1486.0659 ; SD 1084.204
## Estimation taking into account the observed data
## Total number of counts: 1485.4187 ; SD 1082.9136
## 95% confidence interval: 1 - 3651.2459
```

2#rocroy@vieux habitants-2009



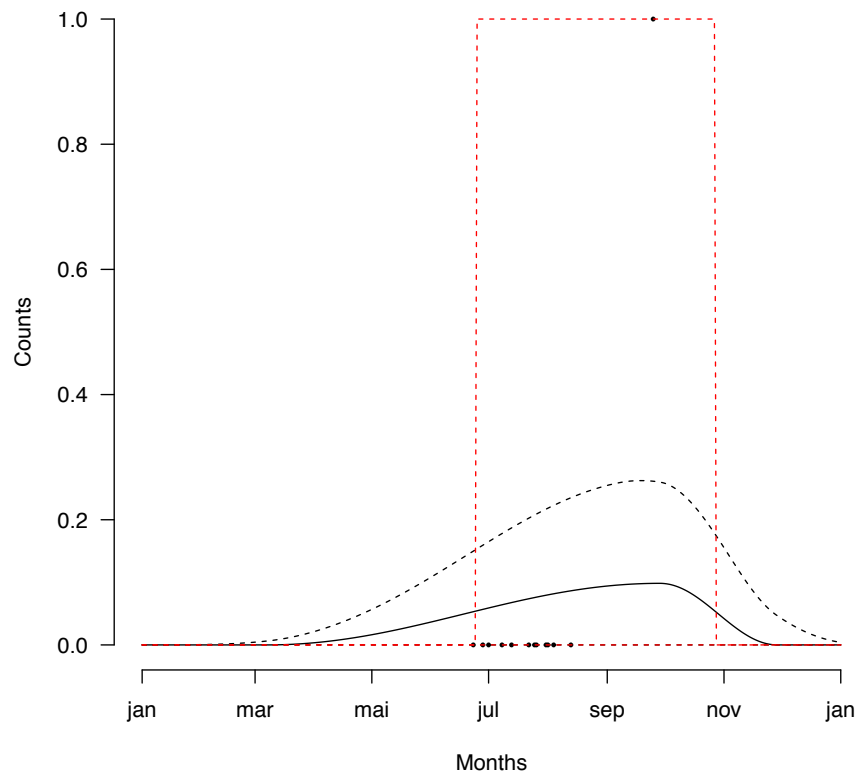
```
##
## Number of timeseries: 1
## -----
## 2#rocroy@vieux habitants-2009
## -----
## Estimation without the observed data
## Total number of counts: 23.7267 ; SD 17.5794
## Estimation taking into account the observed data
## Total number of counts: 23.6026 ; SD 16.7623
## 95% confidence interval: 1 - 57.1273
```

2#rocroy@vieux habitants-2010



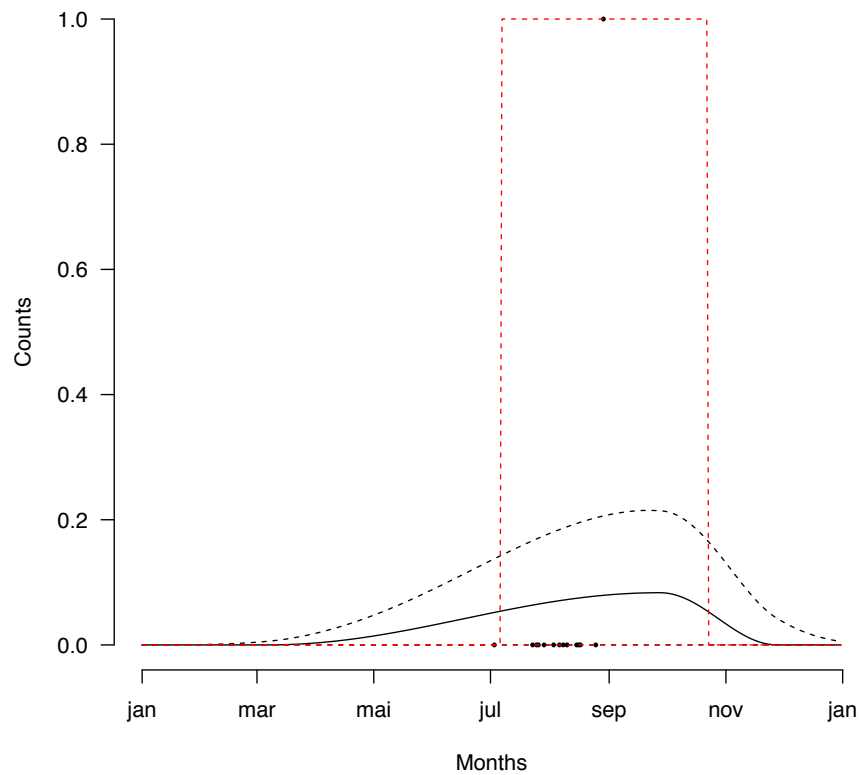
```
##
## Number of timeseries: 1
## -----
## 2#rocroy@vieux habitants-2010
## -----
## Estimation without the observed data
## Total number of counts: 147.2677 ; SD 104.2668
## Estimation taking into account the observed data
## Total number of counts: 146.9869 ; SD 103.355
## 95% confidence interval: 1 - 353.6968
```

2#rocroy@vieux habitants-2011



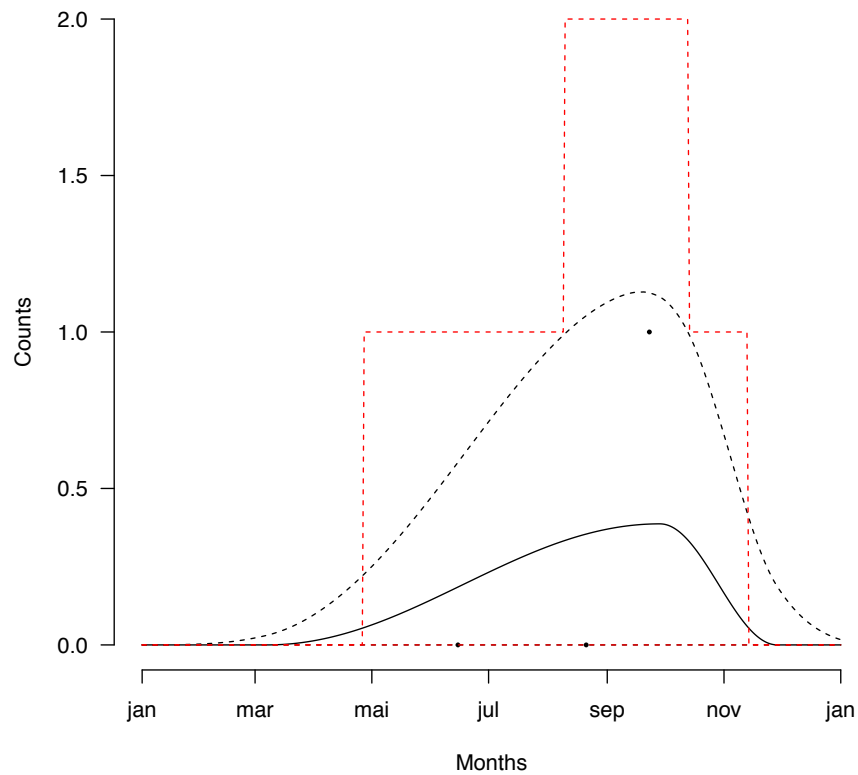
```
##
## Number of timeseries: 1
## -----
## 2#rocroy@vieux habitants-2011
## -----
## Estimation without the observed data
## Total number of counts: 15.6352 ; SD 11.3856
## Estimation taking into account the observed data
## Total number of counts: 15.5235 ; SD 10.5819
## 95% confidence interval: 1 - 36.6873
```


2#rocroy@vieux habitants-2012



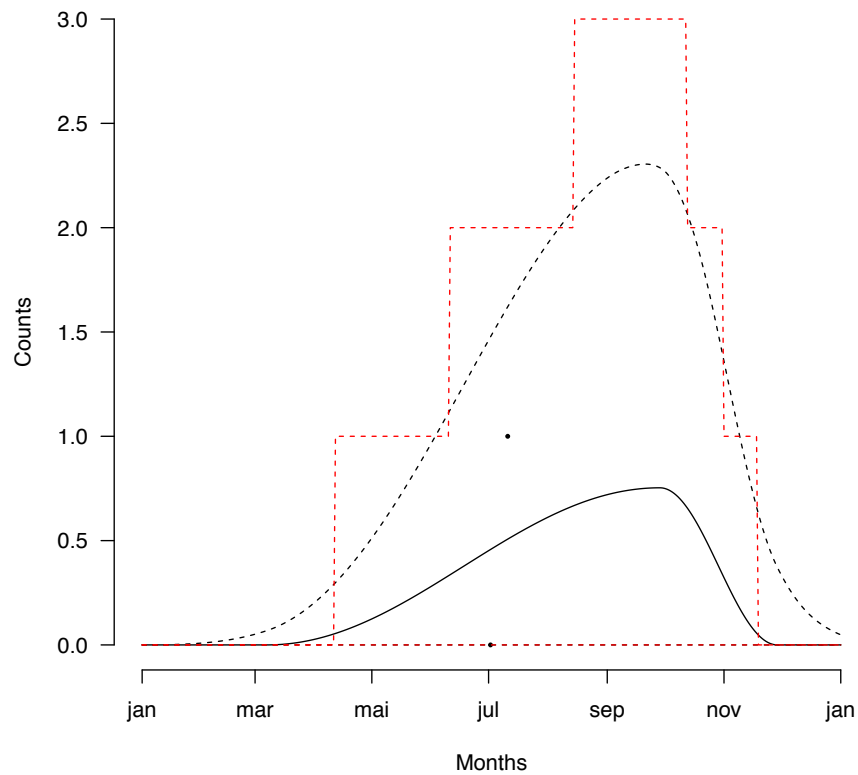
```
##
## Number of timeseries: 1
## -----
## 2#rocroy@vieux habitants-2012
## -----
## Estimation without the observed data
## Total number of counts: 13.0889 ; SD 9.1053
## Estimation taking into account the observed data
## Total number of counts: 12.9567 ; SD 8.3393
## 95% confidence interval: 1 - 29.6353
```

2#rocroy@vieux habitants-2013



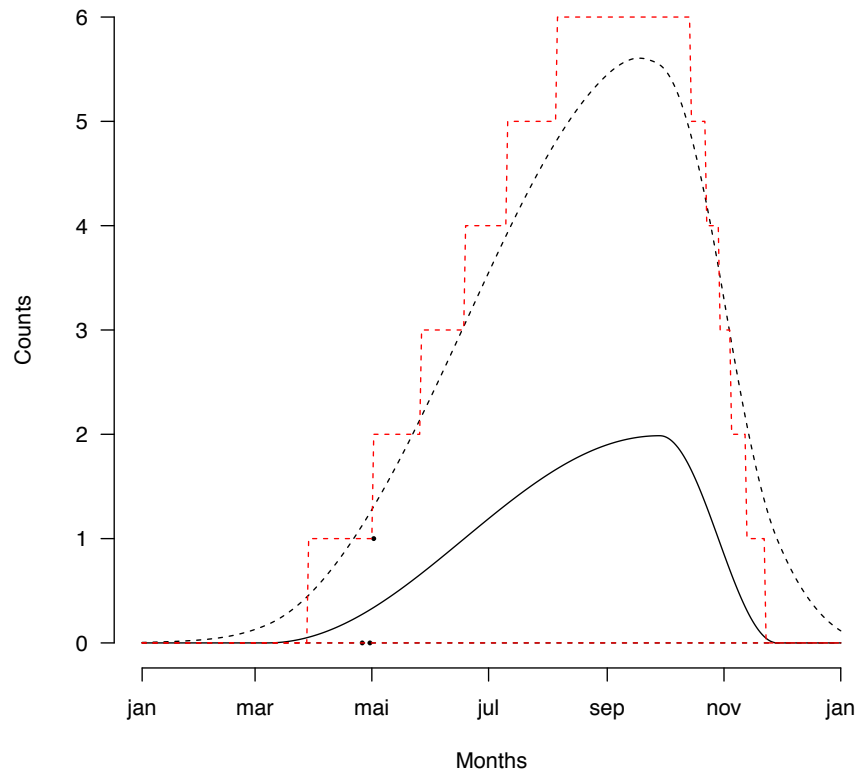
```
##
## Number of timeseries: 1
## -----
## 2#rocroy@vieux habitants-2013
## -----
## Estimation without the observed data
## Total number of counts: 70.9847 ; SD 51.3581
## Estimation taking into account the observed data
## Total number of counts: 70.7367 ; SD 50.4683
## 95% confidence interval: 1 - 171.6734
```

2#rocroy@vieux habitants-2014



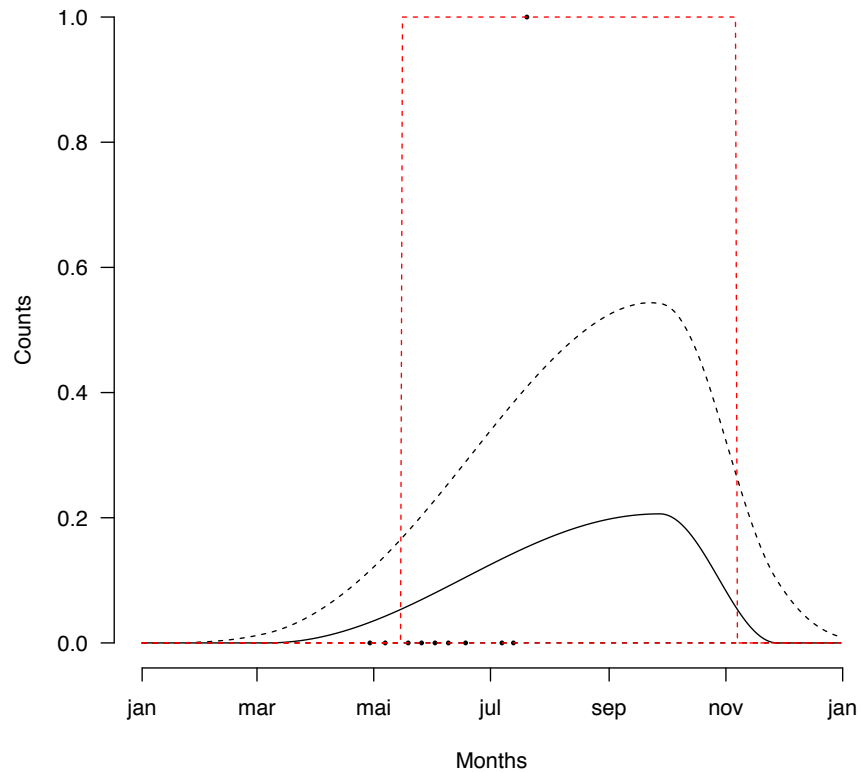
```
##
## Number of timeseries: 1
## -----
## 2#rocroy@vieux habitants-2014
## -----
## Estimation without the observed data
## Total number of counts: 140.2857 ; SD 107.9459
## Estimation taking into account the observed data
## Total number of counts: 139.9404 ; SD 106.9175
## 95% confidence interval: 1 - 353.7754
```

2#simaho@vieux habitants-2006



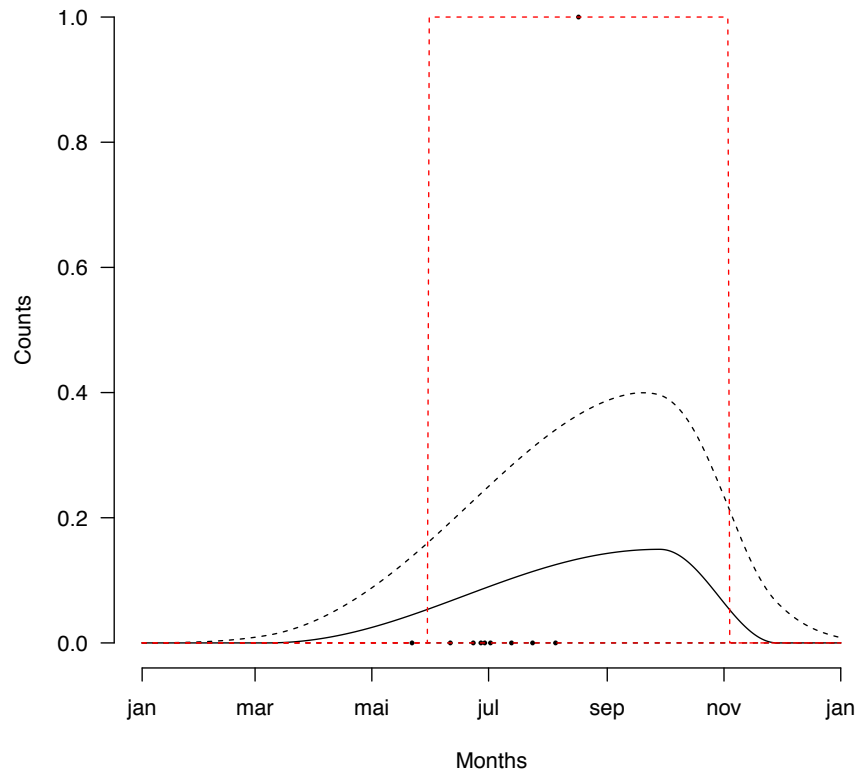
```
##
## Number of timeseries: 1
## -----
## 2#simaho@vieux habitants-2006
## -----
## Estimation without the observed data
## Total number of counts: 346.538 ; SD 250.3175
## Estimation taking into account the observed data
## Total number of counts: 346.2416 ; SD 249.2917
## 95% confidence interval: 1 - 844.8249
```

2#simaho@vieux habitants-2008



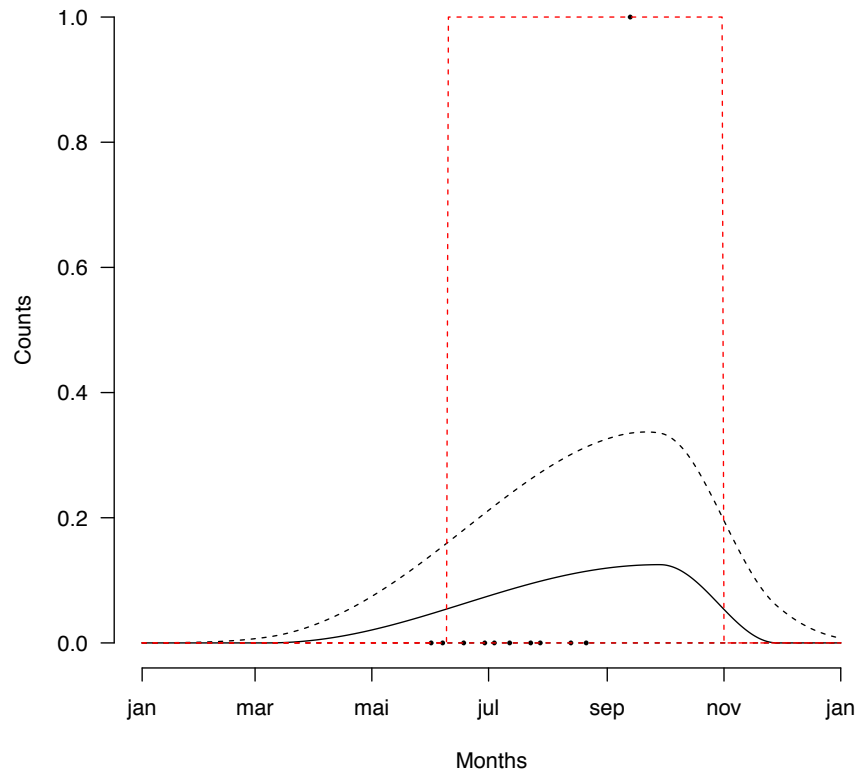
```
##
## Number of timeseries: 1
## -----
## 2#simaho@vieux habitants-2008
## -----
## Estimation without the observed data
## Total number of counts: 33.2912 ; SD 23.2999
## Estimation taking into account the observed data
## Total number of counts: 33.2063 ; SD 22.5525
## 95% confidence interval: 1 - 78.3113
```

2#simaho@vieux habitants-2009



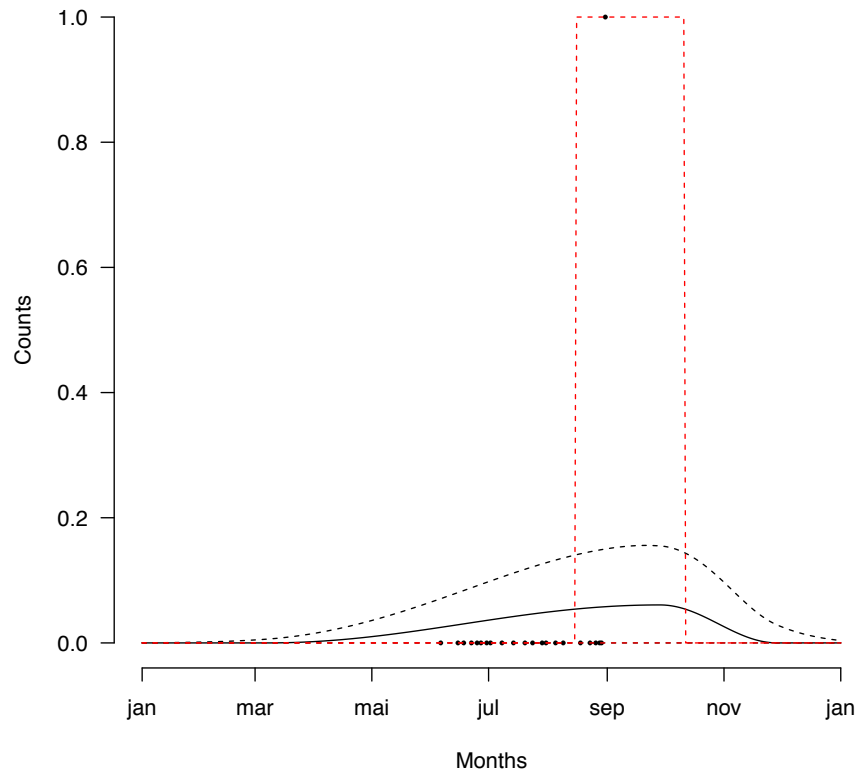
```
##
## Number of timeseries: 1
## -----
## 2#simaho@vieux habitants-2009
## -----
## Estimation without the observed data
## Total number of counts: 23.6475 ; SD 17.1725
## Estimation taking into account the observed data
## Total number of counts: 23.5542 ; SD 16.3788
## 95% confidence interval: 1 - 56.3119
```

2#simaho@vieux habitants-2010



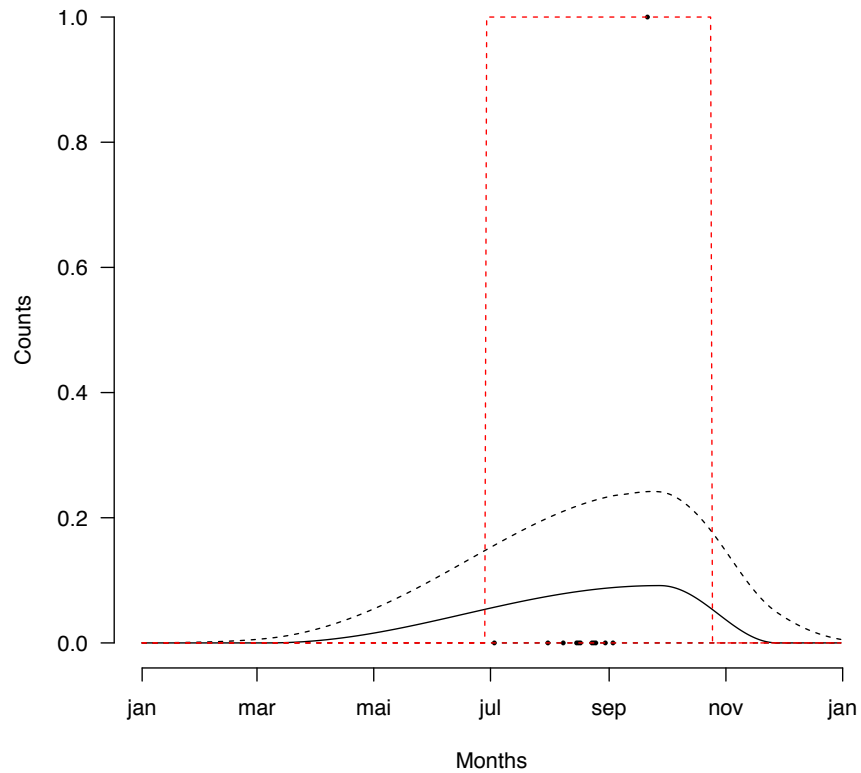
```
##
## Number of timeseries: 1
## -----
## 2#simaho@vieux habitants-2010
## -----
## Estimation without the observed data
## Total number of counts: 20.3695 ; SD 14.6457
## Estimation taking into account the observed data
## Total number of counts: 20.2391 ; SD 13.836
## 95% confidence interval: 1 - 47.9112
```

2#simaho@vieux habitants-2011



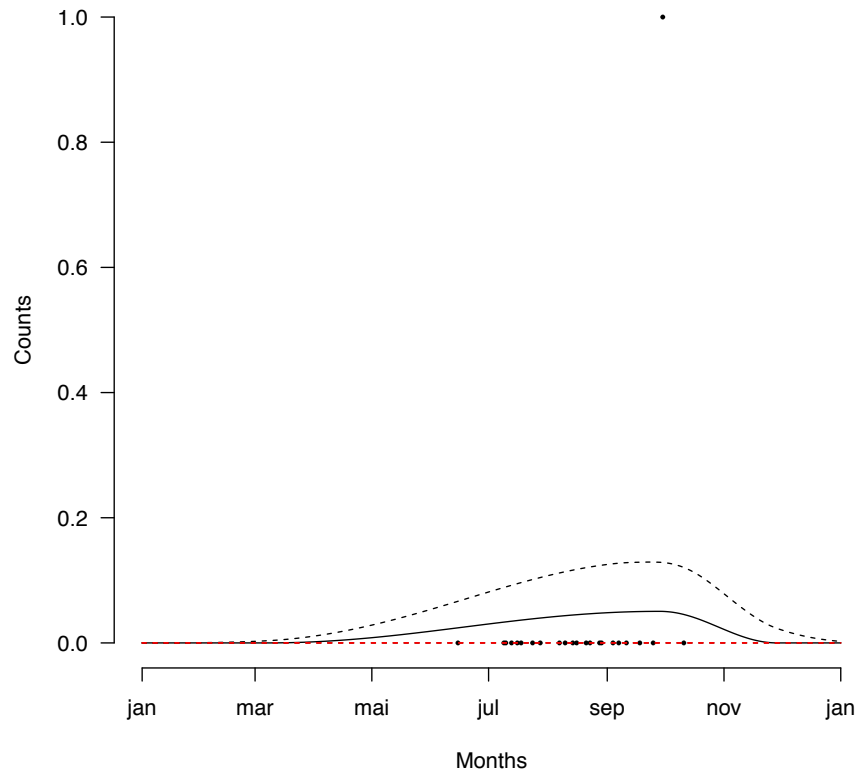
```
##
## Number of timeseries: 1
## -----
## 2#simaho@vieux habitants-2011
## -----
## Estimation without the observed data
## Total number of counts: 9.3294 ; SD 6.7197
## Estimation taking into account the observed data
## Total number of counts: 9.2333 ; SD 5.9513
## 95% confidence interval: 1 - 21.1359
```


2#simaho@vieux habitants-2012



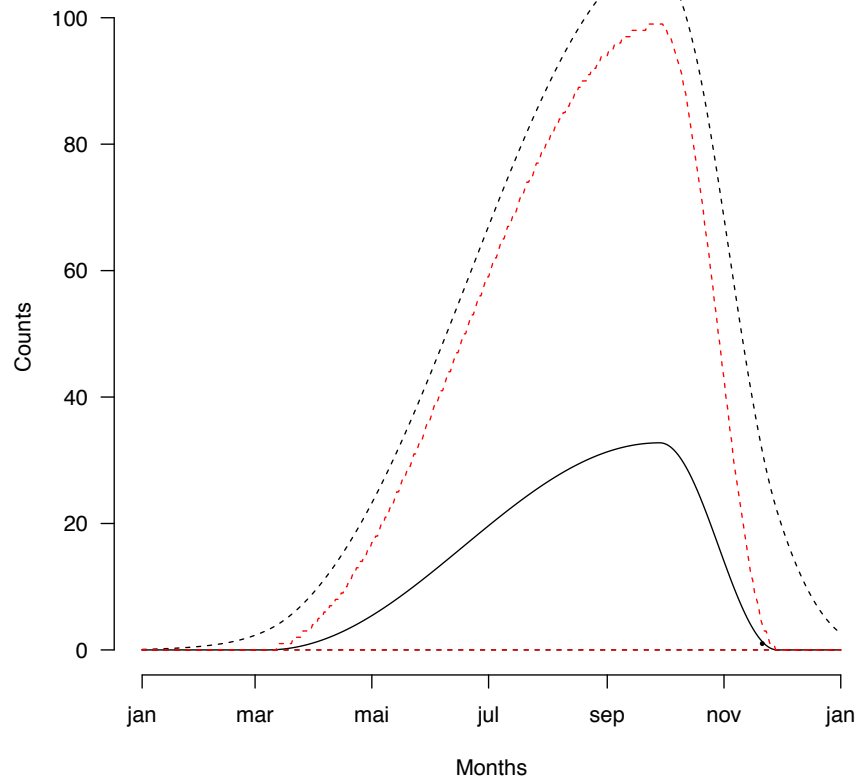
```
##
## Number of timeseries: 1
## -----
## 2#simaho@vieux habitants-2012
## -----
## Estimation without the observed data
## Total number of counts: 15.1076 ; SD 10.4278
## Estimation taking into account the observed data
## Total number of counts: 14.9196 ; SD 9.6295
## 95% confidence interval: 1 - 34.1786
```

2#simaho@vieux habitants-2013



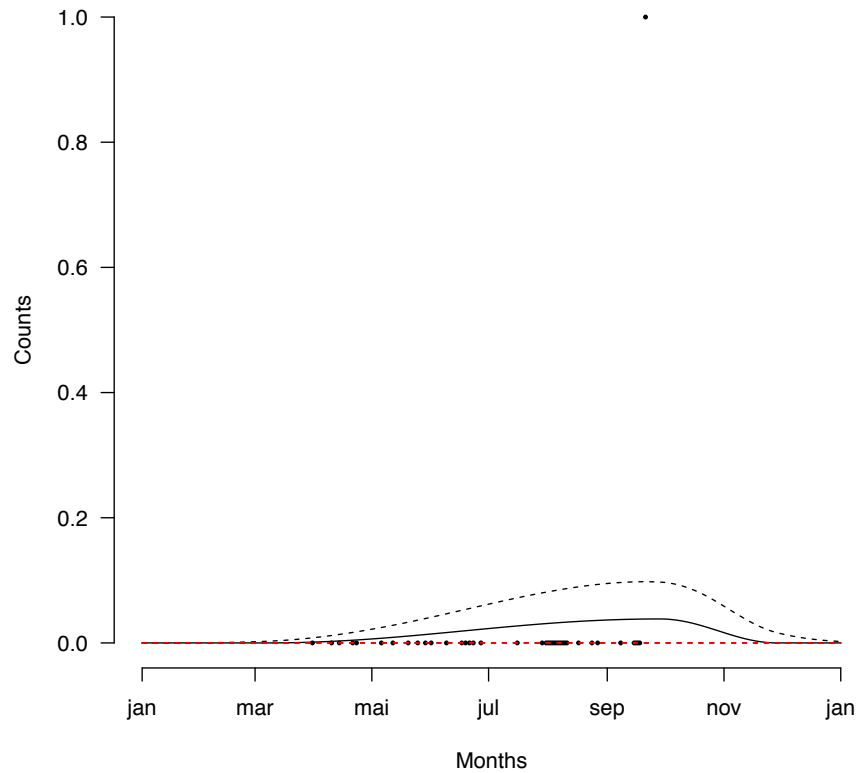
```
##
## Number of timeseries: 1
## -----
## 2#simaho@vieux habitants-2013
## -----
## Estimation without the observed data
## Total number of counts: 8.0143 ; SD 5.5108
## Estimation taking into account the observed data
## Total number of counts: 7.8715 ; SD 4.7431
## 95% confidence interval: 1 - 17.3576
```

2#simaho@vieux habitants-2014



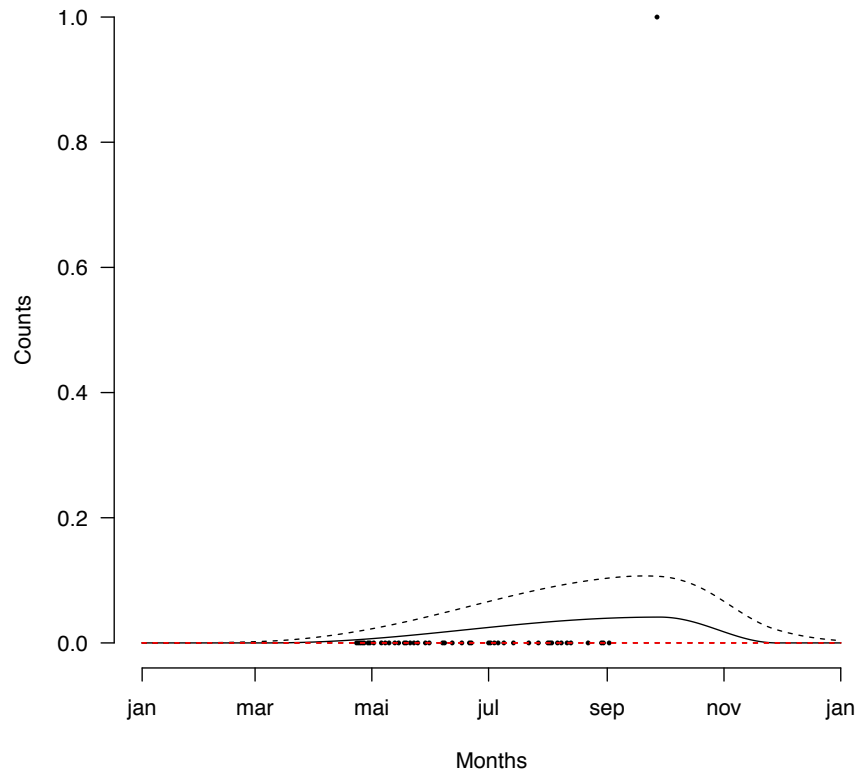
```
##
## Number of timeseries: 1
## -----
## 2#simaho@vieux habitants-2014
## -----
## Estimation without the observed data
## Total number of counts: 6927.6471 ; SD 5270.6769
## Estimation taking into account the observed data
## Total number of counts: 6920.4441 ; SD 5263.0286
## 95% confidence interval: 1 - 17446.5013
```

3#anse du grand marigot (cayenne)@capesterre belle eau-2009



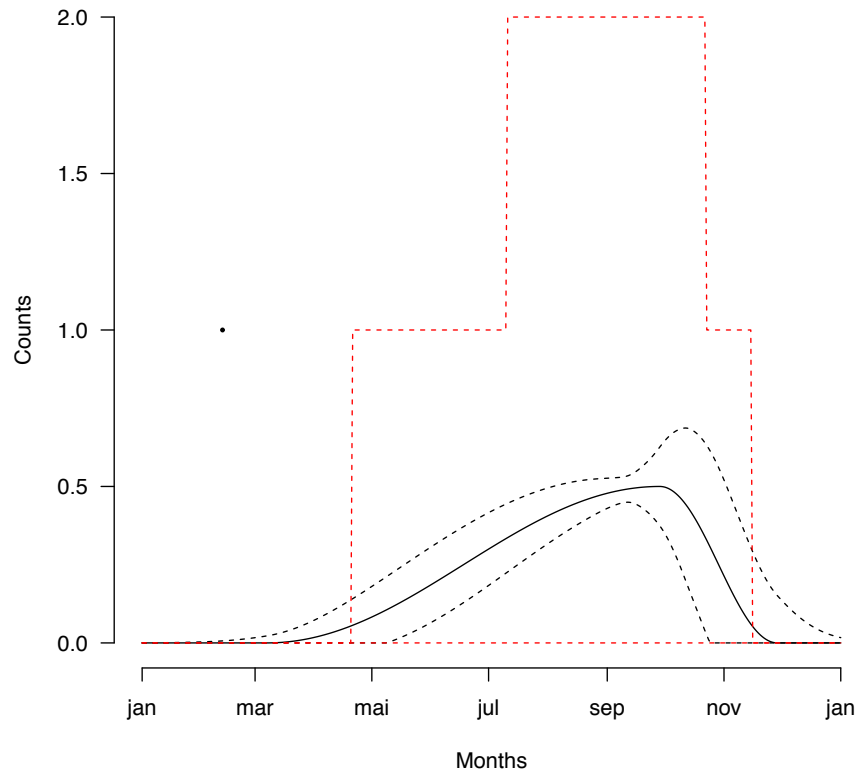
```
##
## Number of timeseries: 1
## -----
## 3#anse du grand marigot (cayenne)@capesterre belle eau-2009
## -----
## Estimation without the observed data
## Total number of counts: 6.1262 ; SD 4.1777
## Estimation taking into account the observed data
## Total number of counts: 5.9644 ; SD 3.4019
## 95% confidence interval: 1 - 12.7681
```

3#anse du grand marigot (cayenne)@capesterre belle eau-2010



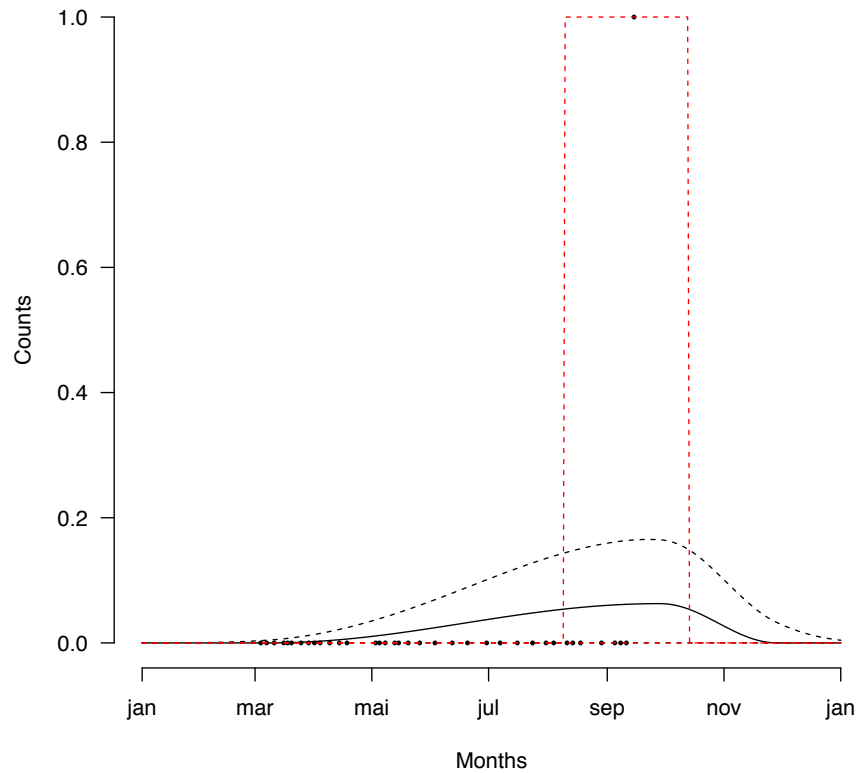
```
##
## Number of timeseries: 1
## -----
## 3#anse du grand marigot (cayenne)@capesterre belle eau-2010
## -----
## Estimation without the observed data
## Total number of counts: 6.4998 ; SD 4.5308
## Estimation taking into account the observed data
## Total number of counts: 6.3764 ; SD 3.7734
## 95% confidence interval: 1 - 13.9233
```

3#anse du grand marigot (cayenne)@capesterre belle eau-2011



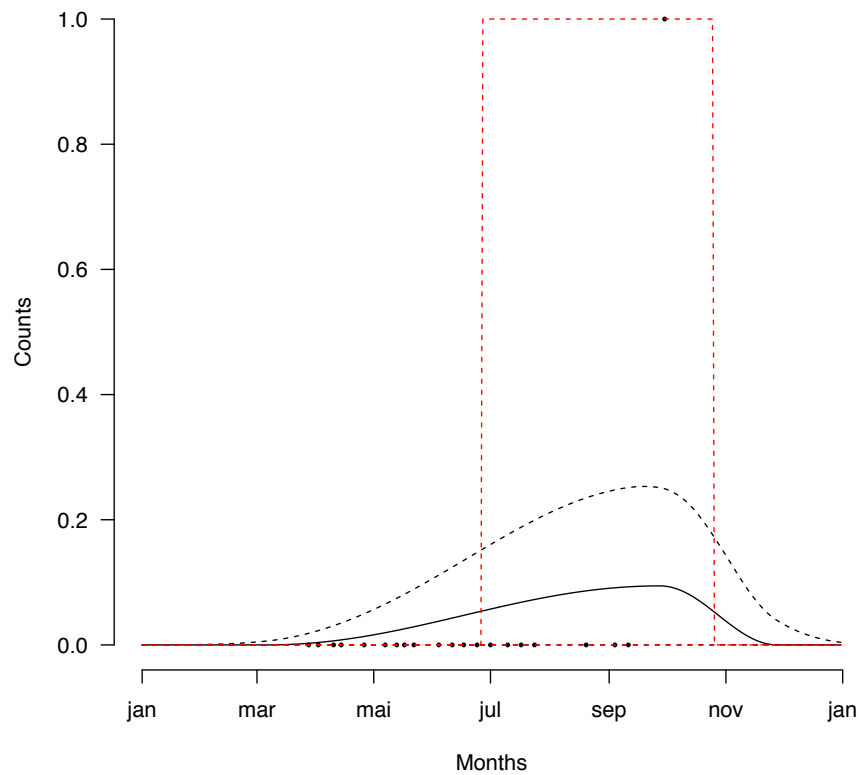
```
##
## Number of timeseries: 1
## -----
## 3#anse du grand marigot (cayenne)@capesterre belle eau-2011
## -----
## Estimation without the observed data
## Total number of counts: 66.7606 ; SD 6.1312
## Estimation taking into account the observed data
## Total number of counts: 67.76 ; SD 6.1305
## 95% confidence interval: 55.499 - 80.021
```

3#anse du grand marigot (cayenne)@capesterre belle eau-2014



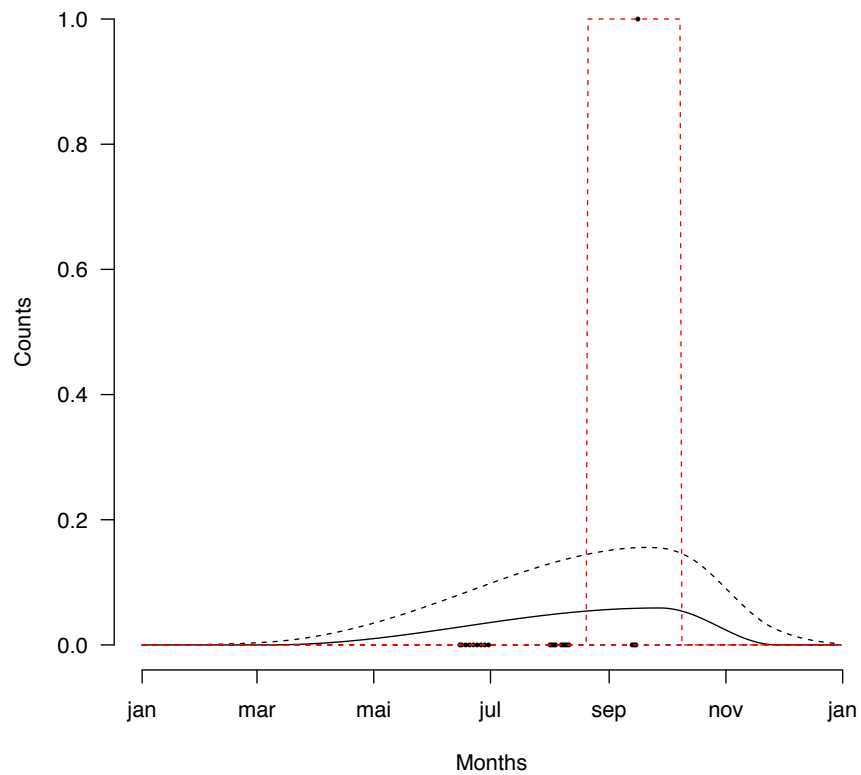
```
##
## Number of timeseries: 1
## -----
## 3#anse du grand marigot (cayenne)@capesterre belle eau-2014
## -----
## Estimation without the observed data
## Total number of counts: 9.6583 ; SD 7.1337
## Estimation taking into account the observed data
## Total number of counts: 9.5615 ; SD 6.3423
## 95% confidence interval: 1 - 22.2461
```

3#anse saint sauveur@capesterre belle eau-2008



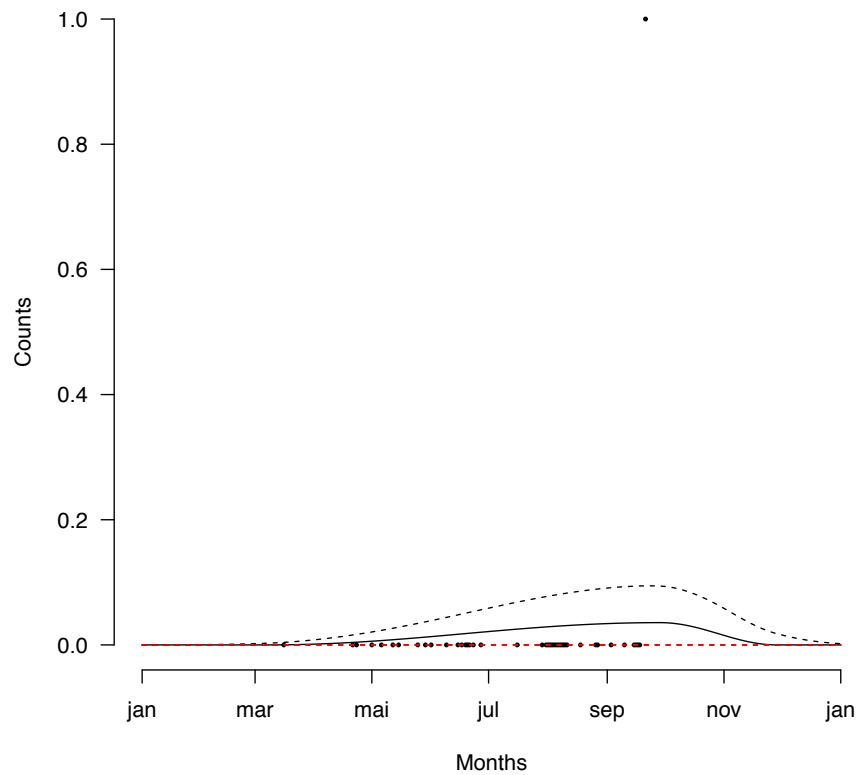
```
##
## Number of timeseries: 1
## -----
## 3#anse saint sauveur@capesterre belle eau-2008
## -----
## Estimation without the observed data
## Total number of counts: 15.6873 ; SD 10.9303
## Estimation taking into account the observed data
## Total number of counts: 15.5259 ; SD 10.1207
## 95% confidence interval: 1 - 35.7672
```


3#anse salee (bananier)@capesterre belle eau-2008



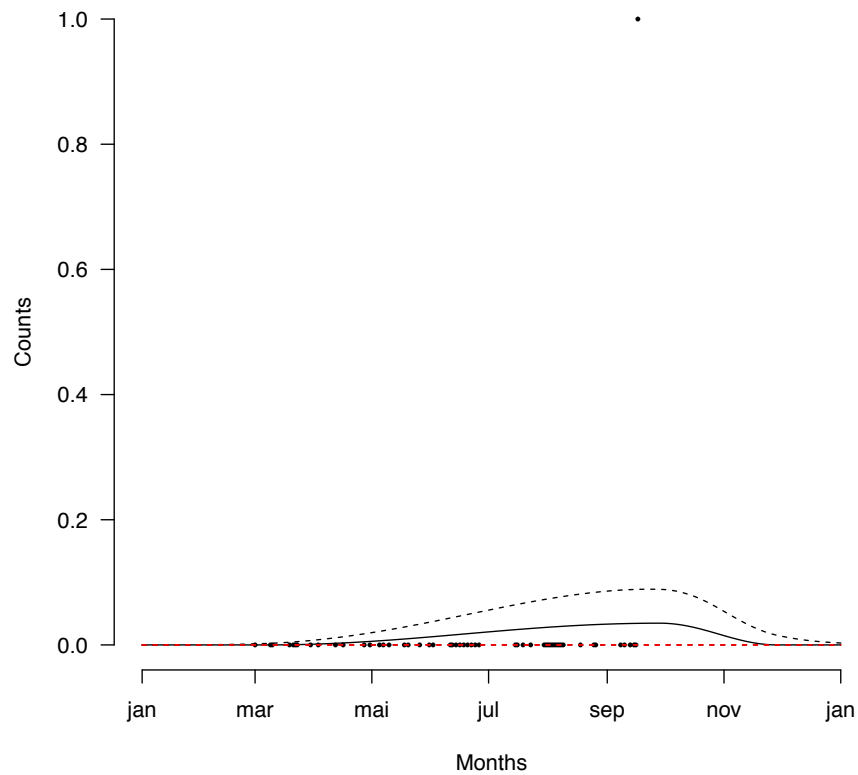
```
##
## Number of timeseries: 1
## -----
## 3#anse salee (bananier)@capesterre belle eau-2008
## -----
## Estimation without the observed data
## Total number of counts: 9.4214 ; SD 6.6617
## Estimation taking into account the observed data
## Total number of counts: 9.273 ; SD 5.8623
## 95% confidence interval: 1 - 20.9976
```

3#anse salee (bananier)@capesterre belle eau-2009



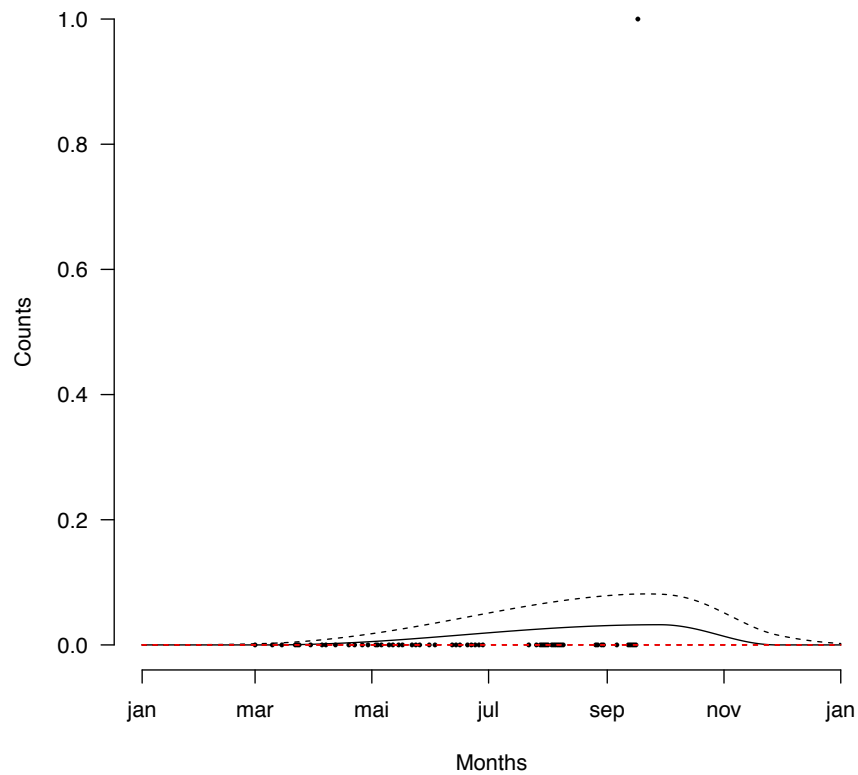
```
##
## Number of timeseries: 1
## -----
## 3#anse salee (bananier)@capesterre belle eau-2009
## -----
## Estimation without the observed data
## Total number of counts: 5.8597 ; SD 4.0935
## Estimation taking into account the observed data
## Total number of counts: 5.6751 ; SD 3.2881
## 95% confidence interval: 1 - 12.2513
```

3#anse salee (bananier)@capesterre belle eau-2010



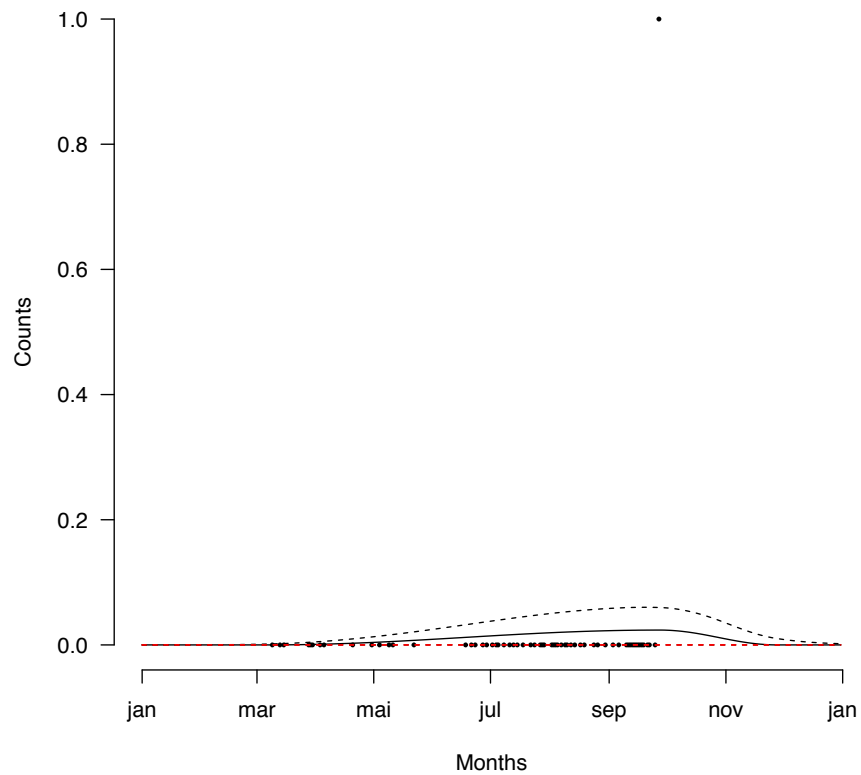
```
##
## Number of timeseries: 1
## -----
## 3#anse salee (bananier)@capesterre belle eau-2010
## -----
## Estimation without the observed data
## Total number of counts: 5.3879 ; SD 3.7749
## Estimation taking into account the observed data
## Total number of counts: 5.2669 ; SD 3.0026
## 95% confidence interval: 1 - 11.2721
```

3#anse salee (bananier)@capesterre belle eau-2011



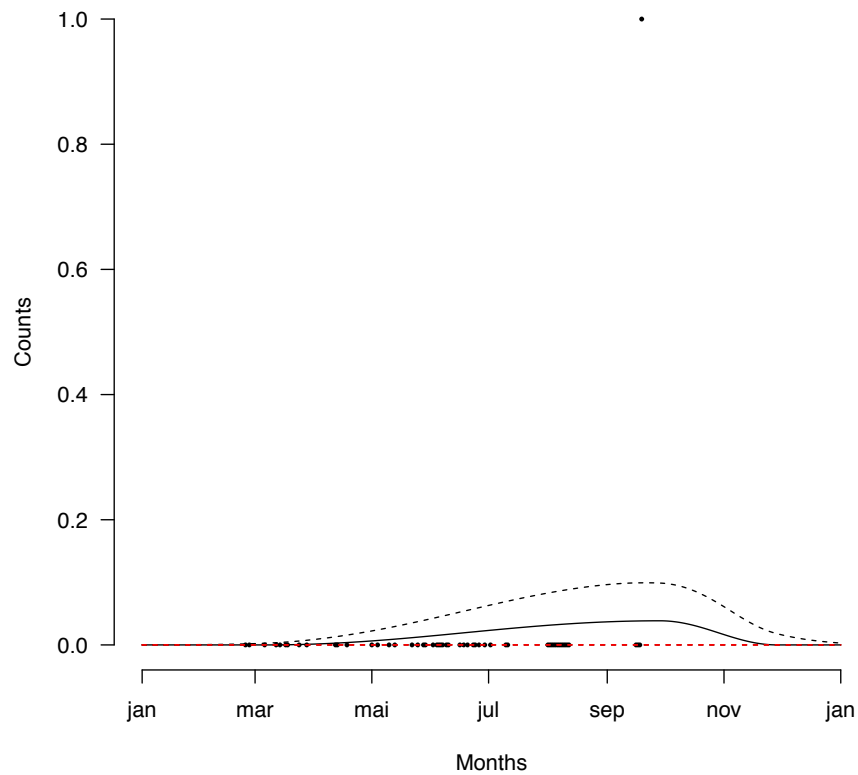
```
##
## Number of timeseries: 1
## -----
## 3#anse salee (bananier)@capesterre belle eau-2011
## -----
## Estimation without the observed data
## Total number of counts: 4.9477 ; SD 3.4681
## Estimation taking into account the observed data
## Total number of counts: 4.8369 ; SD 2.7178
## 95% confidence interval: 1 - 10.2724
```

3#anse salee (bananier)@capesterre belle eau-2012



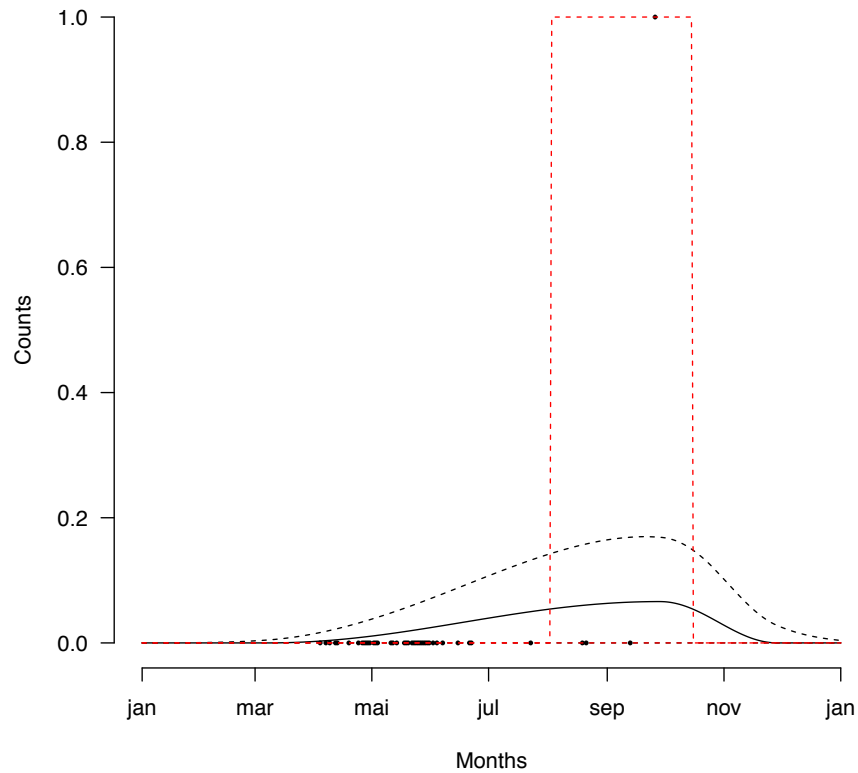
```
##
## Number of timeseries: 1
## -----
## 3#anse salee (bananier)@capesterre belle eau-2012
## -----
## Estimation without the observed data
## Total number of counts: 3.5615 ; SD 2.5148
## Estimation taking into account the observed data
## Total number of counts: 3.4674 ; SD 1.7592
## 95% confidence interval: 1 - 6.9858
```

3#anse salee (bananier)@capesterre belle eau-2013



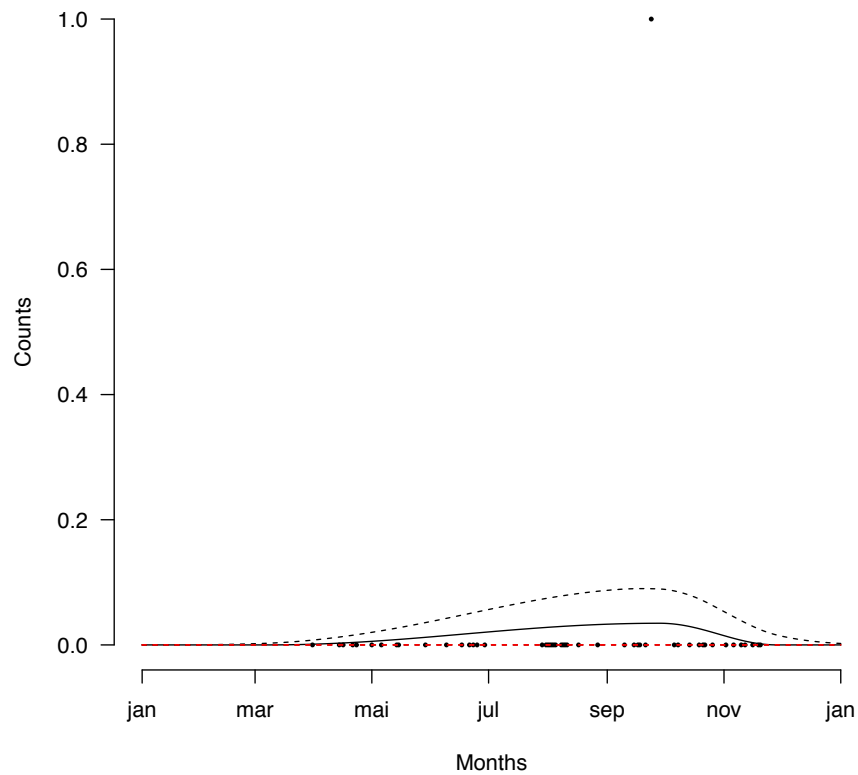
```
##
## Number of timeseries: 1
## -----
## 3#anse salee (bananier)@capesterre belle eau-2013
## -----
## Estimation without the observed data
## Total number of counts: 6.1826 ; SD 4.3184
## Estimation taking into account the observed data
## Total number of counts: 6.026 ; SD 3.5257
## 95% confidence interval: 1 - 13.0774
```

3#anse salee (bananier)@capesterre belle eau-2014



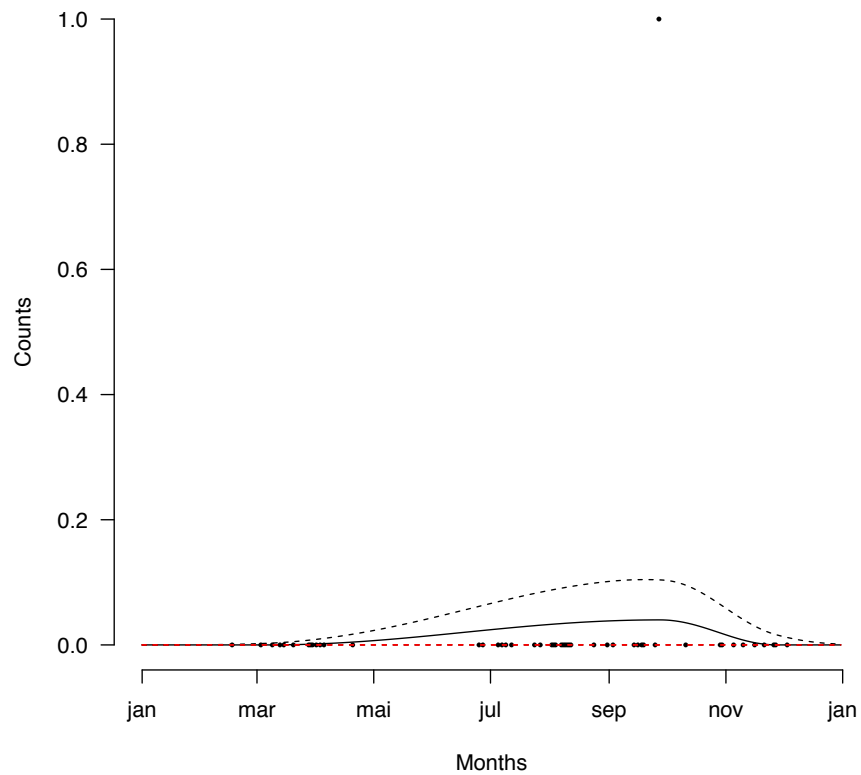
```
##
## Number of timeseries: 1
## -----
## 3#anse salee (bananier)@capesterre belle eau-2014
## -----
## Estimation without the observed data
## Total number of counts: 10.4719 ; SD 7.1641
## Estimation taking into account the observed data
## Total number of counts: 10.3658 ; SD 6.4006
## 95% confidence interval: 1 - 23.1669
```

3#esclaves (anse de la fontaine)@capesterre belle eau-2009



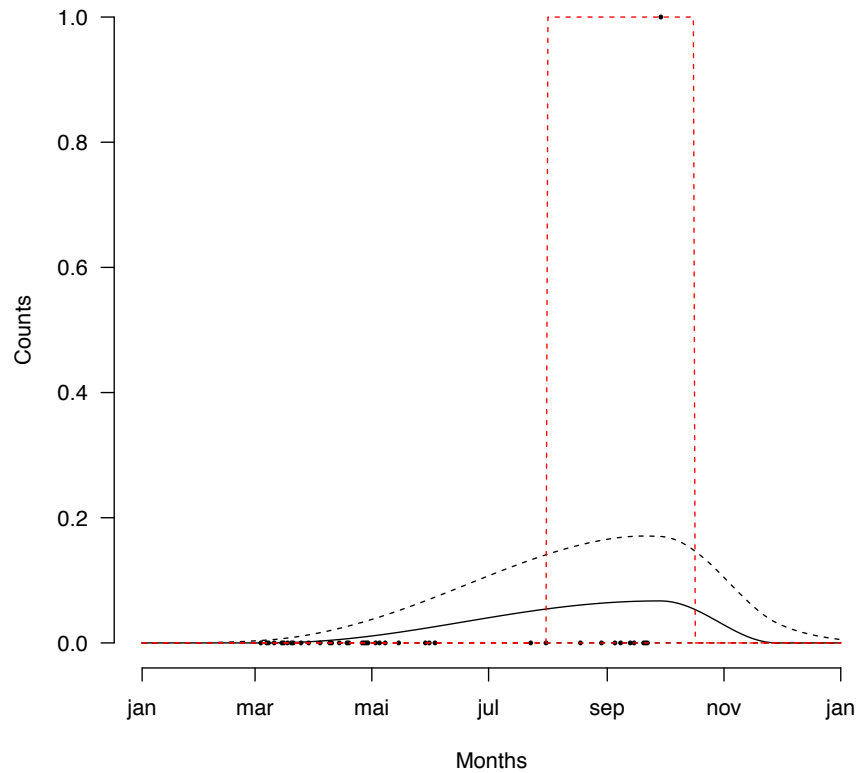
```
##
## Number of timeseries: 1
## -----
## 3#esclaves (anse de la fontaine)@capesterre belle eau-2009
## -----
## Estimation without the observed data
## Total number of counts: 5.3773 ; SD 3.8482
## Estimation taking into account the observed data
## Total number of counts: 5.2399 ; SD 3.0392
## 95% confidence interval: 1 - 11.3184
```


3#esclaves (anse de la fontaine)@capesterre belle eau-2012



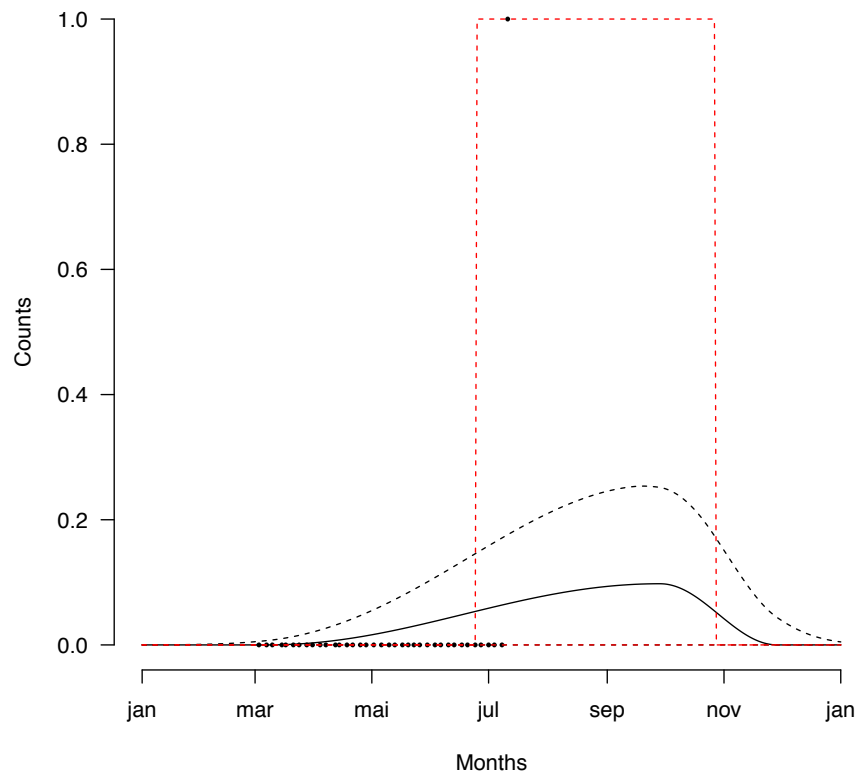
```
##
## Number of timeseries: 1
## -----
## 3#esclaves (anse de la fontaine)@capesterre belle eau-2012
## -----
## Estimation without the observed data
## Total number of counts: 6.4421 ; SD 4.4042
## Estimation taking into account the observed data
## Total number of counts: 6.2409 ; SD 3.5873
## 95% confidence interval: 1 - 13.4156
```

3#esclaves (anse de la fontaine)@capesterre belle eau-2014



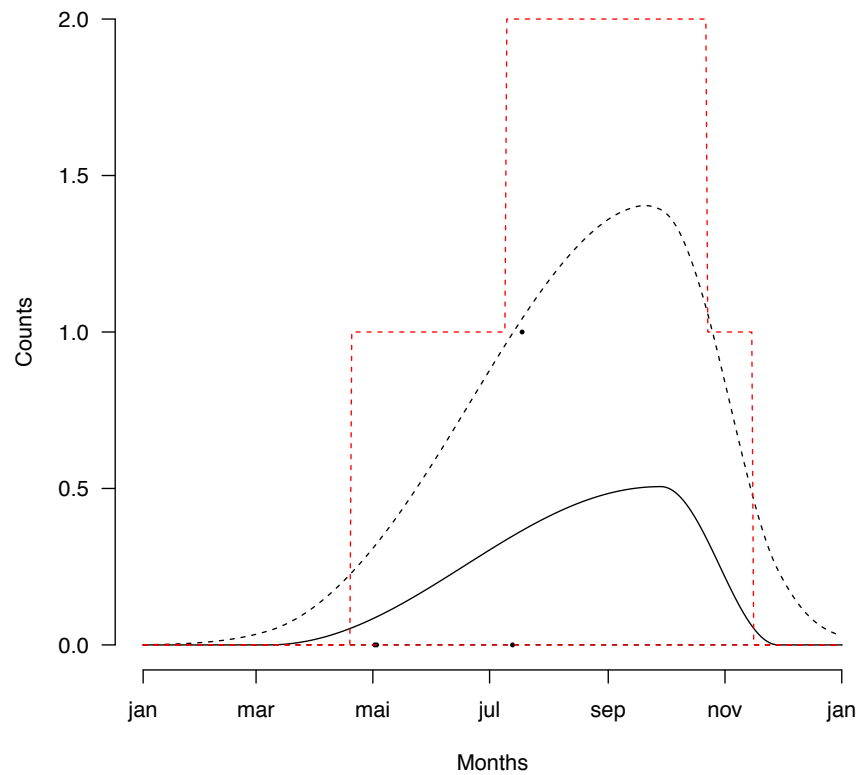
```
##
## Number of timeseries: 1
## -----
## 3#esclaves (anse de la fontaine)@capesterre belle eau-2014
## -----
## Estimation without the observed data
## Total number of counts: 10.2722 ; SD 7.2107
## Estimation taking into account the observed data
## Total number of counts: 10.161 ; SD 6.4418
## 95% confidence interval: 1 - 23.0445
```

3#grande anse@trois rivières-2005



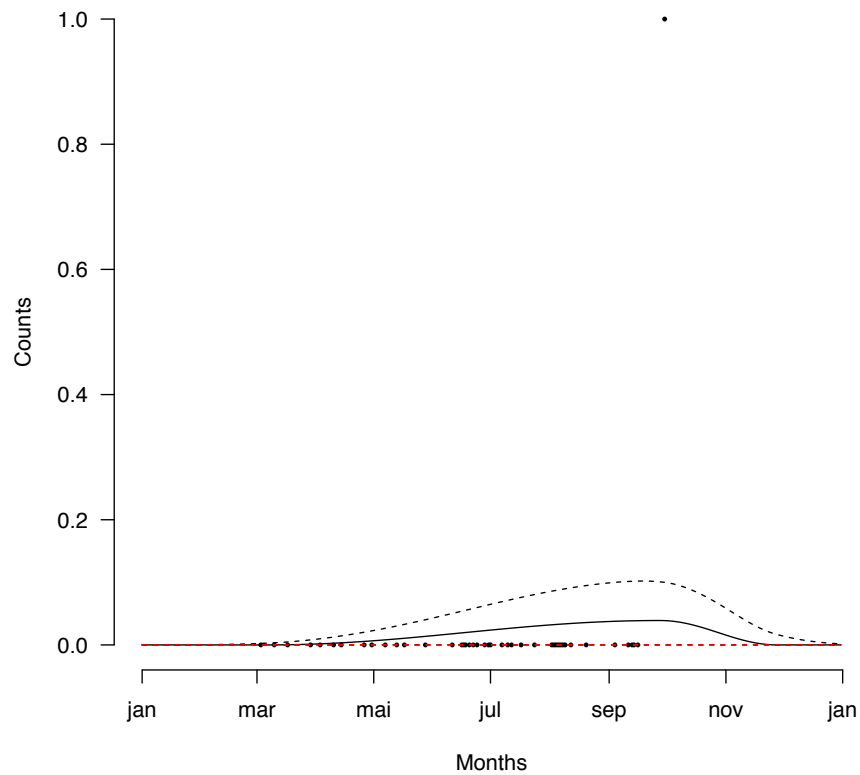
```
##
## Number of timeseries: 1
## -----
## 3#grande anse@trois rivières-2005
## -----
## Estimation without the observed data
## Total number of counts: 15.4028 ; SD 10.7213
## Estimation taking into account the observed data
## Total number of counts: 15.2786 ; SD 9.9394
## 95% confidence interval: 1 - 35.1575
```

3#grande anse@trois rivières-2007



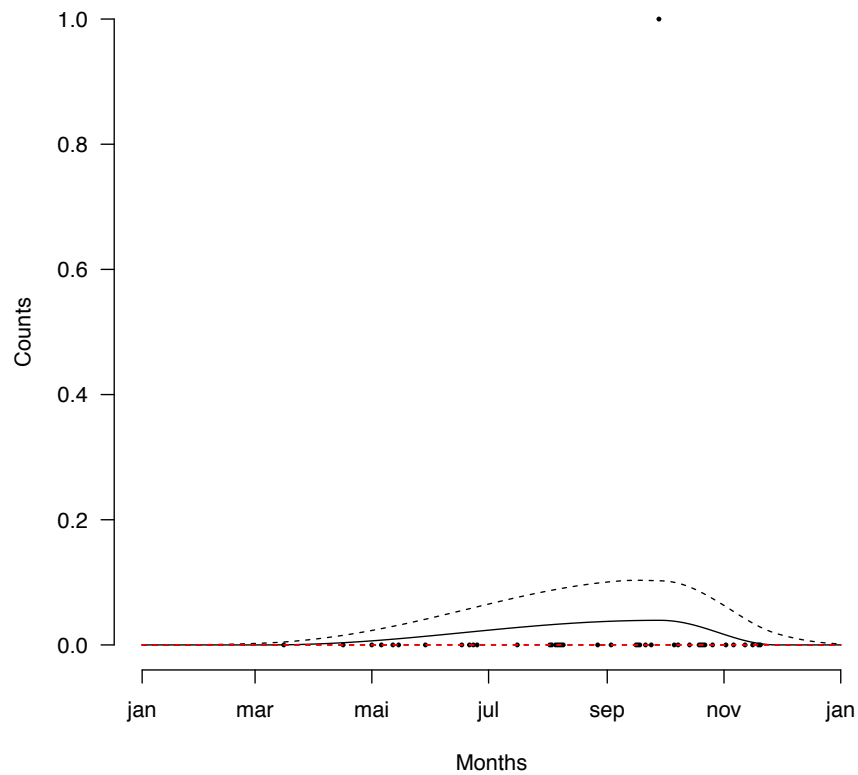
```
##
## Number of timeseries: 1
## -----
## 3#grande anse@trois rivières-2007
## -----
## Estimation without the observed data
## Total number of counts: 84.555 ; SD 62.2368
## Estimation taking into account the observed data
## Total number of counts: 84.4454 ; SD 61.4184
## 95% confidence interval: 1 - 207.2821
```

3#grande anse@trois rivières-2008



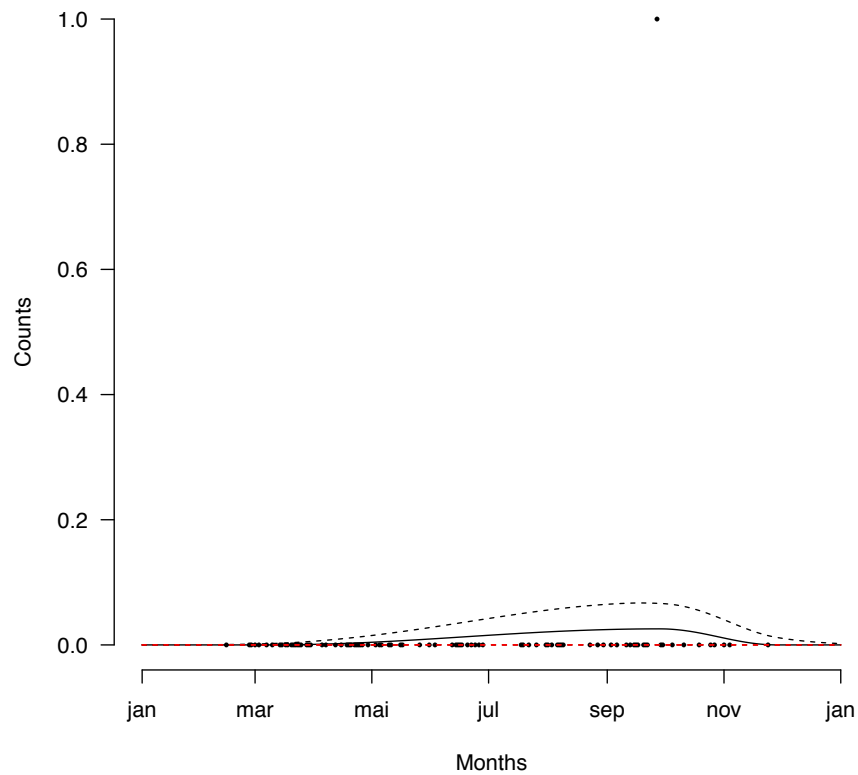
```
##
## Number of timeseries: 1
## -----
## 3#grande anse@trois rivières-2008
## -----
## Estimation without the observed data
## Total number of counts: 6.1416 ; SD 4.3497
## Estimation taking into account the observed data
## Total number of counts: 6.0011 ; SD 3.5488
## 95% confidence interval: 1 - 13.0987
```

3#grande anse@trois rivières-2009



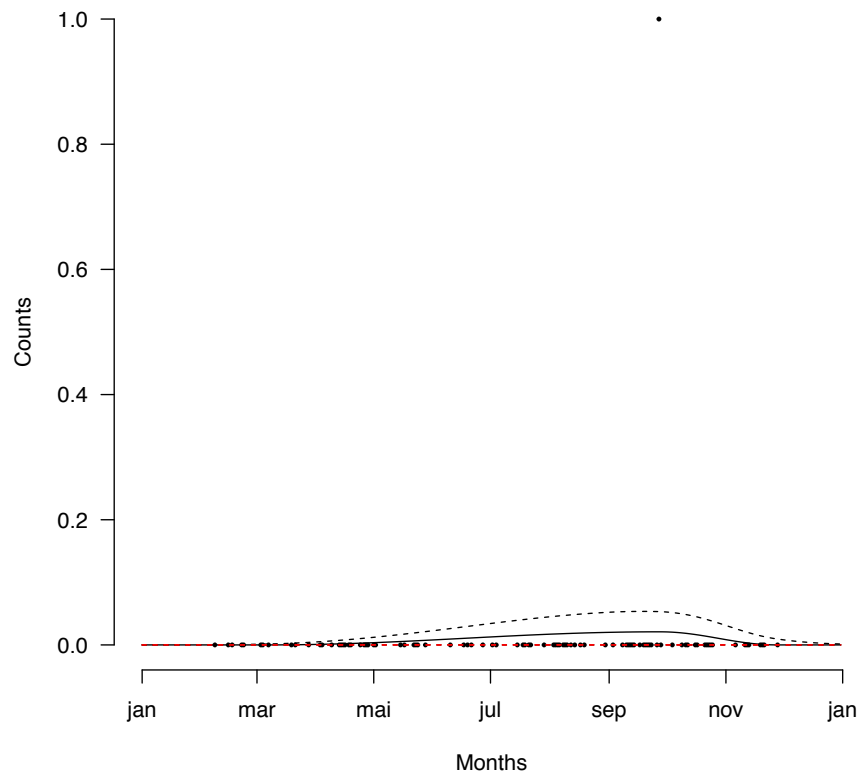
```
##
## Number of timeseries: 1
## -----
## 3#grande anse@trois rivières-2009
## -----
## Estimation without the observed data
## Total number of counts: 6.225 ; SD 4.4679
## Estimation taking into account the observed data
## Total number of counts: 6.0757 ; SD 3.6466
## 95% confidence interval: 1 - 13.3689
```

3#grande anse@trois rivières-2011



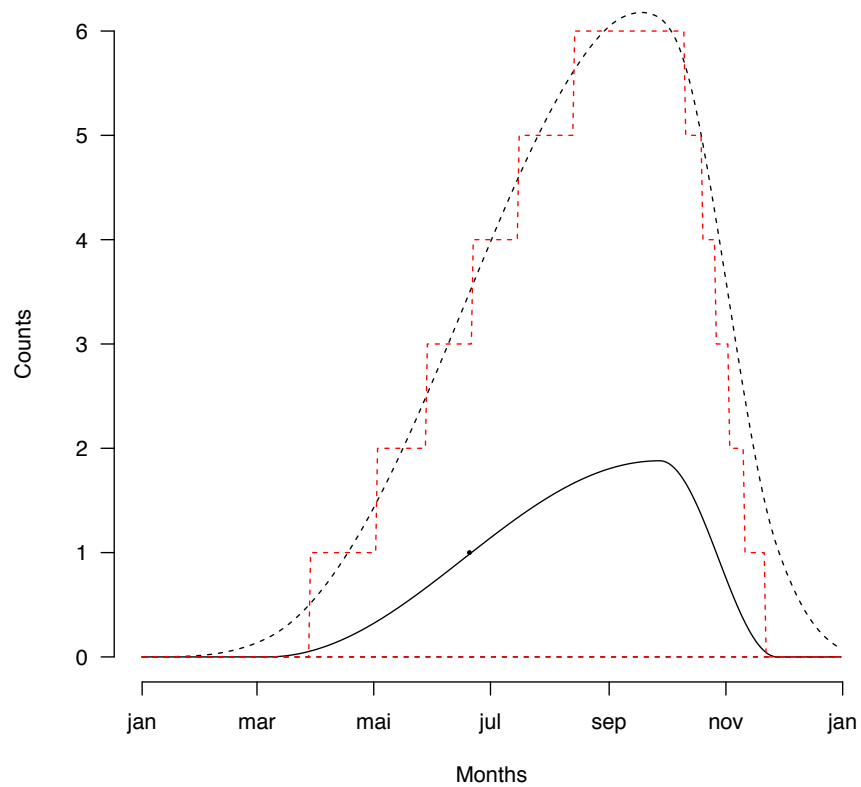
```
##
## Number of timeseries: 1
## -----
## 3#grande anse@trois rivières-2011
## -----
## Estimation without the observed data
## Total number of counts: 4.0583 ; SD 2.8831
## Estimation taking into account the observed data
## Total number of counts: 3.9022 ; SD 2.0672
## 95% confidence interval: 1 - 8.0367
```

3#grande anse@trois rivières-2012



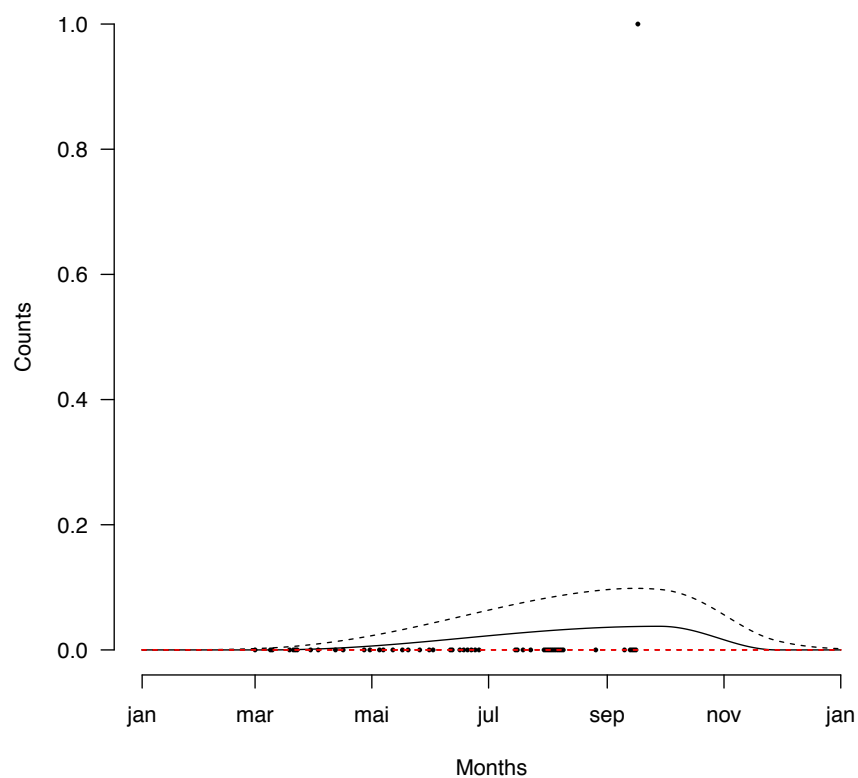
```
##
## Number of timeseries: 1
## -----
## 3#grande anse@trois rivières-2012
## -----
## Estimation without the observed data
## Total number of counts: 3.1586 ; SD 2.2809
## Estimation taking into account the observed data
## Total number of counts: 3.0518 ; SD 1.4875
## 95% confidence interval: 1 - 6.0268
```


3#la coulisse@trois rivières-2012



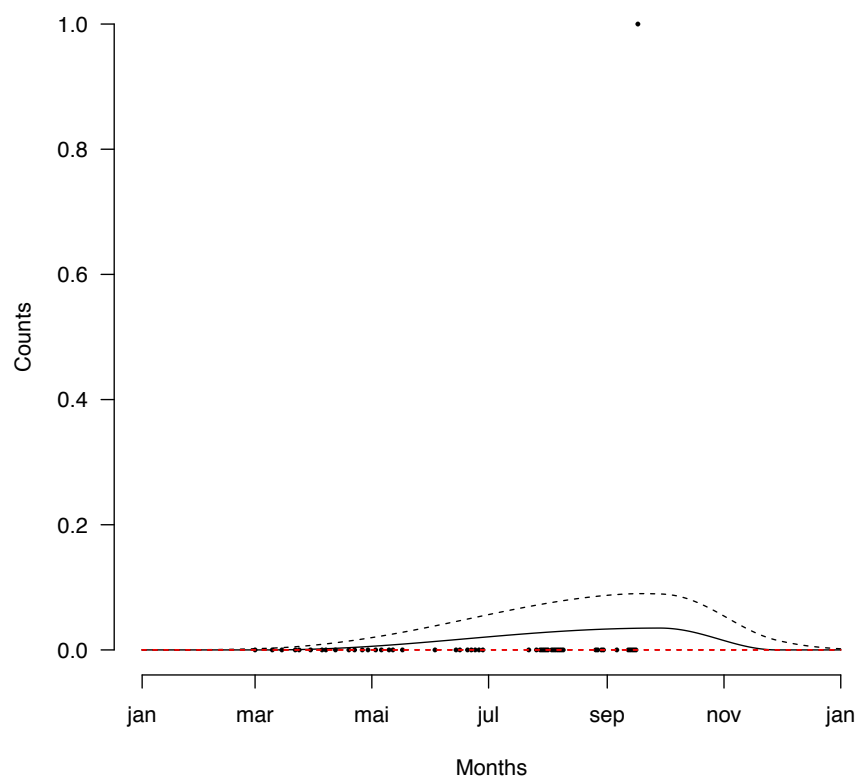
```
##
## Number of timeseries: 1
## -----
## 3#la coulisse@trois rivières-2012
## -----
## Estimation without the observed data
## Total number of counts: 416.4343 ; SD 298.59
## Estimation taking into account the observed data
## Total number of counts: 415.8031 ; SD 297.4107
## 95% confidence interval: 1 - 1010.6245
```

3#la madeleine (doyon)@capesterre belle eau-2010



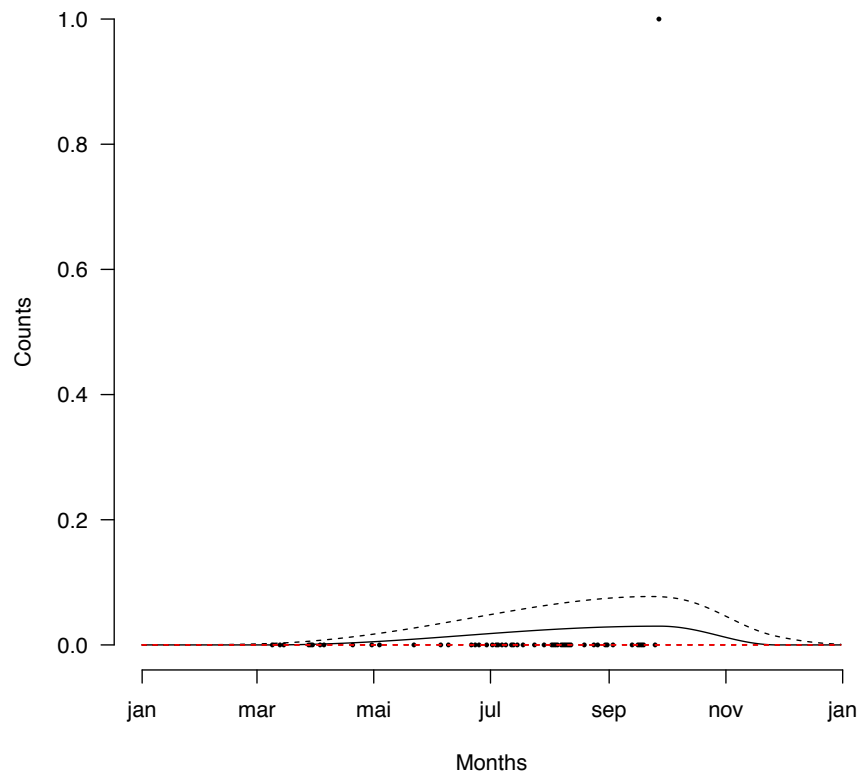
```
##
## Number of timeseries: 1
## -----
## 3#la madeleine (doyon)@capesterre belle eau-2010
## -----
## Estimation without the observed data
## Total number of counts: 5.6486 ; SD 4.2897
## Estimation taking into account the observed data
## Total number of counts: 5.5616 ; SD 3.4531
## 95% confidence interval: 1 - 12.4678
```

3#la madeleine (doyon)@capesterre belle eau-2011



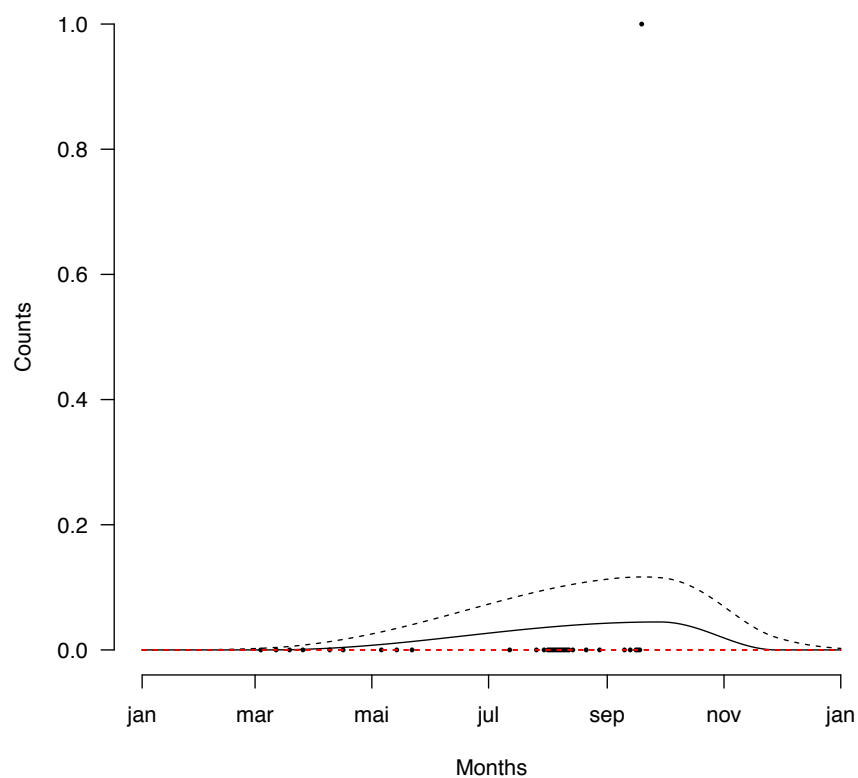
```
##
## Number of timeseries: 1
## -----
## 3#la madeleine (doyon)@capesterre belle eau-2011
## -----
## Estimation without the observed data
## Total number of counts: 5.5223 ; SD 3.806
## Estimation taking into account the observed data
## Total number of counts: 5.3699 ; SD 3.0236
## 95% confidence interval: 1 - 11.417
```

3#la madeleine (doyon)@capesterre belle eau-2012



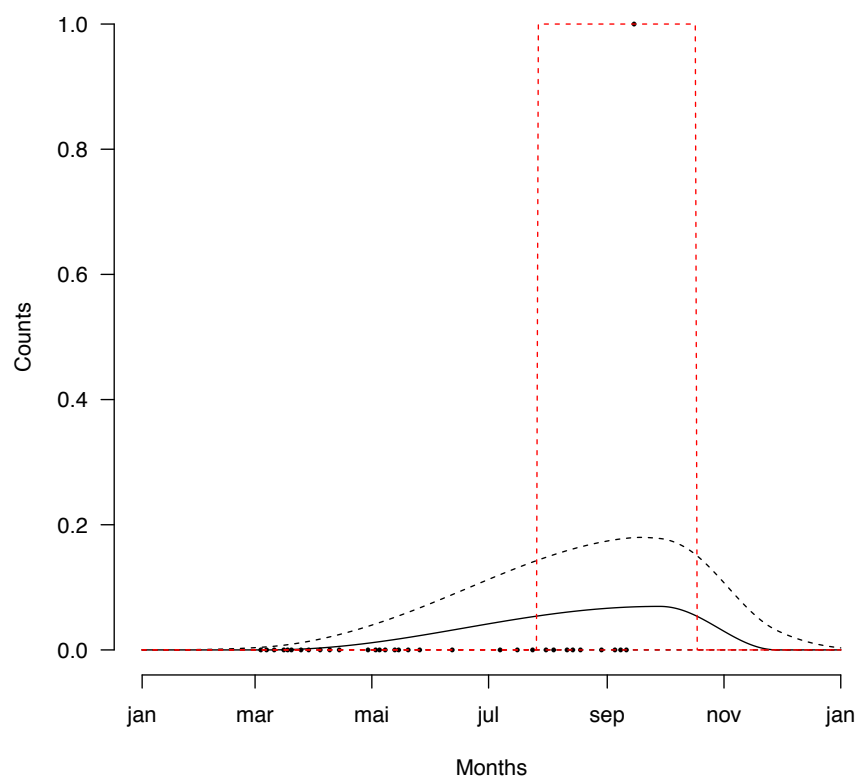
```
##
## Number of timeseries: 1
## -----
## 3#la madeleine (doyon)@capesterre belle eau-2012
## -----
## Estimation without the observed data
## Total number of counts: 4.6744 ; SD 3.2764
## Estimation taking into account the observed data
## Total number of counts: 4.5377 ; SD 2.5029
## 95% confidence interval: 1 - 9.5435
```

3#la madeleine (doyon)@capesterre belle eau-2013



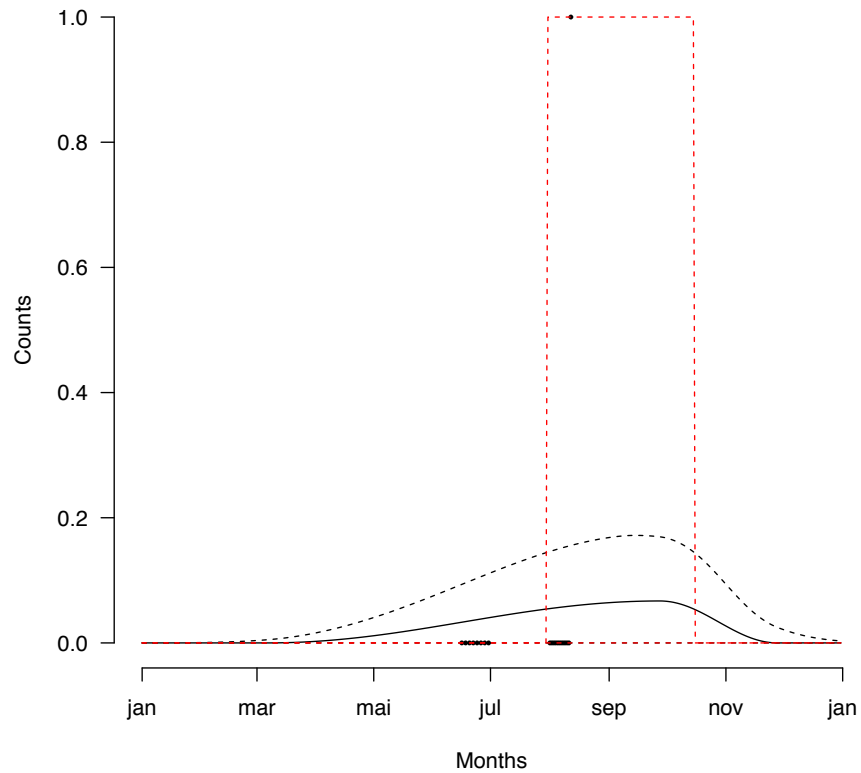
```
##
## Number of timeseries: 1
## -----
## 3#la madeleine (doyon)@capesterre belle eau-2013
## -----
## Estimation without the observed data
## Total number of counts: 7.0425 ; SD 4.9826
## Estimation taking into account the observed data
## Total number of counts: 6.8939 ; SD 4.1808
## 95% confidence interval: 1 - 15.2555
```

3#la madeleine (doyon)@capesterre belle eau-2014



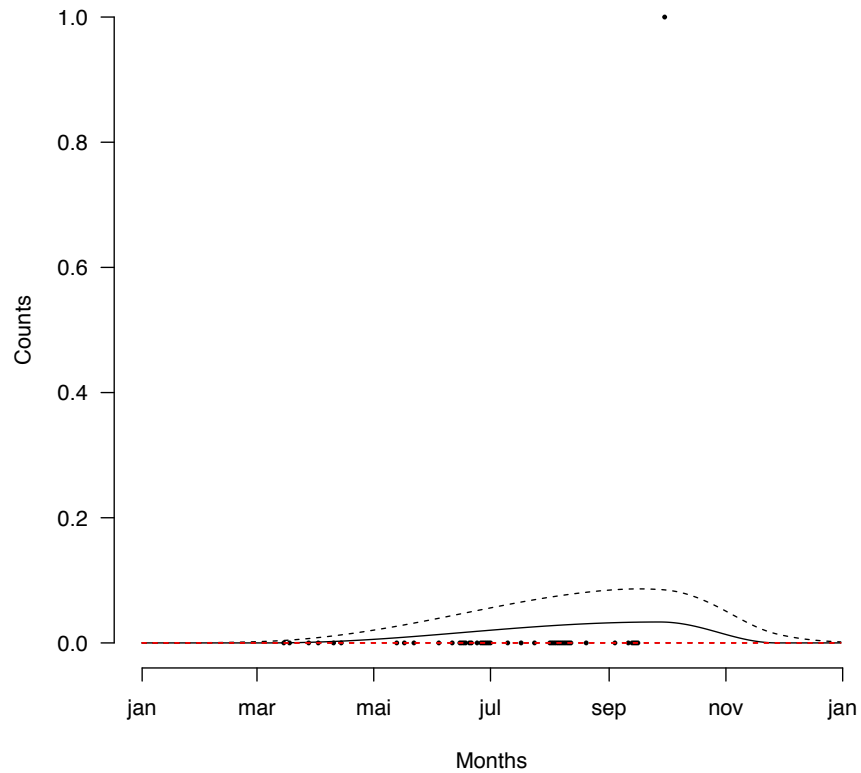
```
##
## Number of timeseries: 1
## -----
## 3#la madeleine (doyon)@capesterre belle eau-2014
## -----
## Estimation without the observed data
## Total number of counts: 10.9138 ; SD 7.6296
## Estimation taking into account the observed data
## Total number of counts: 10.7717 ; SD 6.8429
## 95% confidence interval: 1 - 24.4574
```

3#roseau@capesterre belle eau-2008



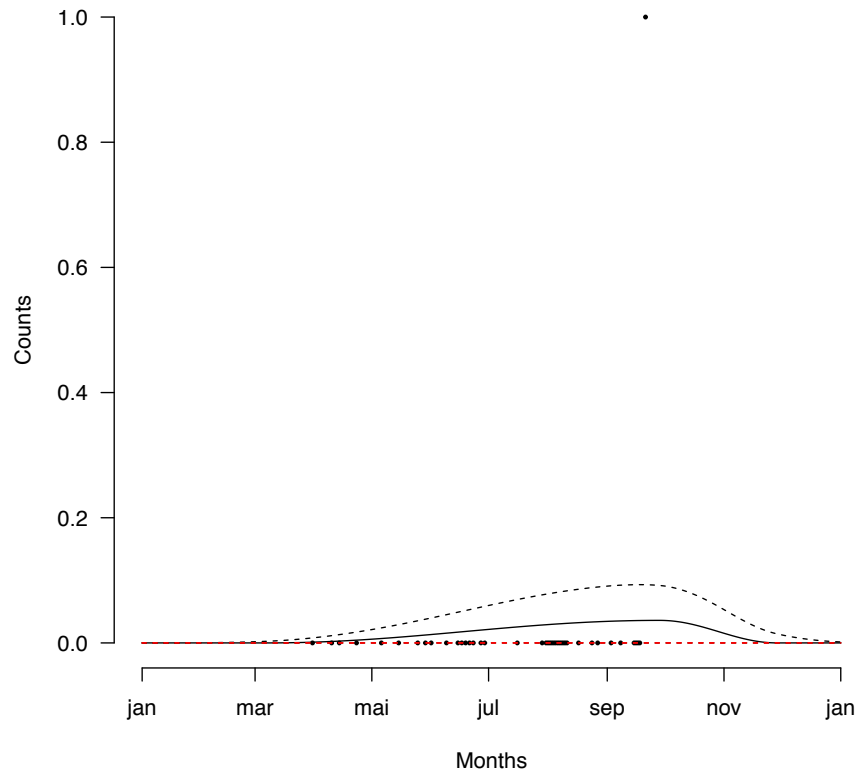
```
##
## Number of timeseries: 1
## -----
## 3#roseau@capesterre belle eau-2008
## -----
## Estimation without the observed data
## Total number of counts: 10.3297 ; SD 7.3403
## Estimation taking into account the observed data
## Total number of counts: 10.2006 ; SD 6.5389
## 95% confidence interval: 1 - 23.2784
```

3#sainte claire@goyave-2008



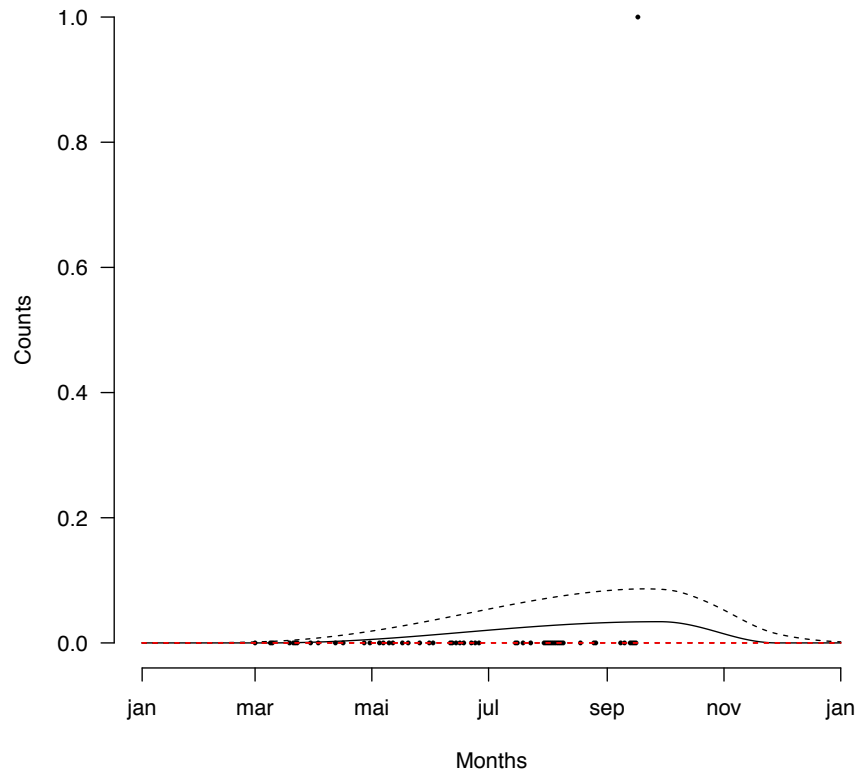
```
##
## Number of timeseries: 1
## -----
## 3#sainte claire@goyave-2008
## -----
## Estimation without the observed data
## Total number of counts: 5.3712 ; SD 3.7225
## Estimation taking into account the observed data
## Total number of counts: 5.2025 ; SD 2.9219
## 95% confidence interval: 1 - 11.0463
```


3#sainte claire@goyave-2009



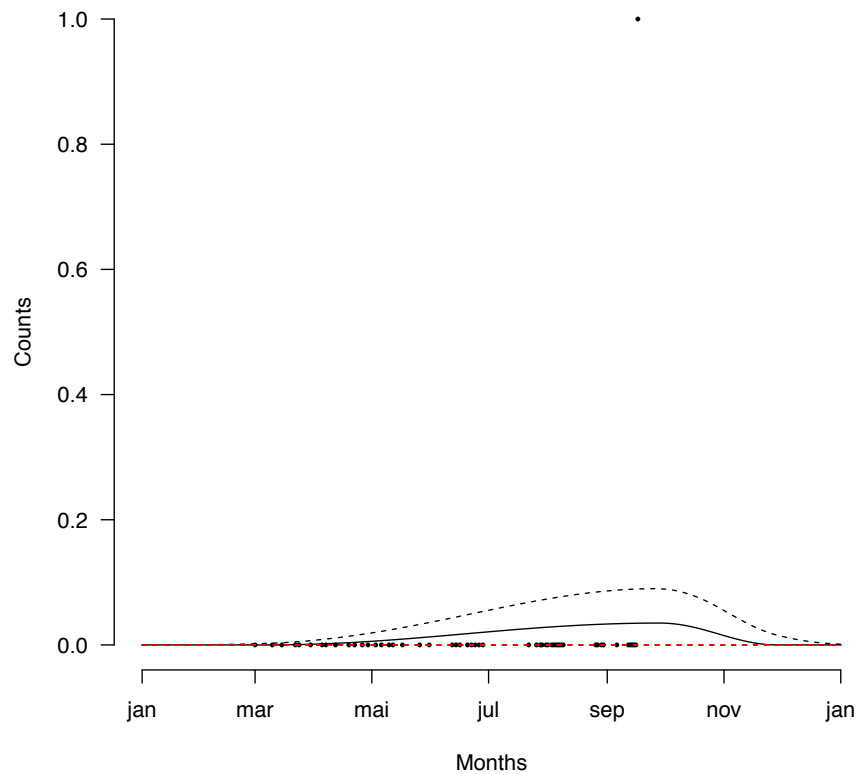
```
##
## Number of timeseries: 1
## -----
## 3#sainte claire@goyave-2009
## -----
## Estimation without the observed data
## Total number of counts: 5.6011 ; SD 3.9835
## Estimation taking into account the observed data
## Total number of counts: 5.4648 ; SD 3.1778
## 95% confidence interval: 1 - 11.8204
```

3#sainte claire@goyave-2010



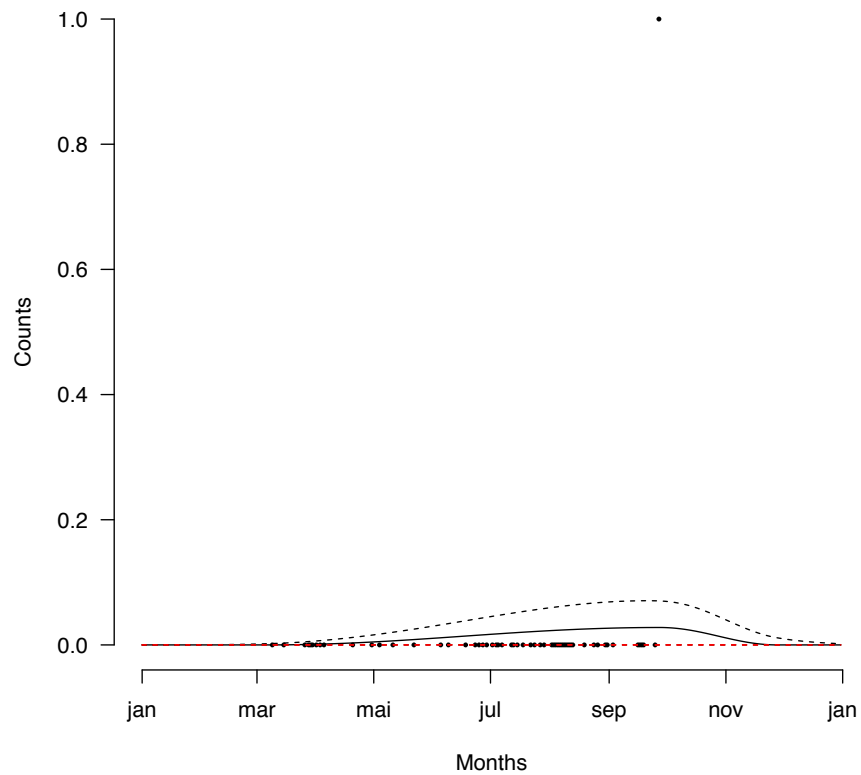
```
##
## Number of timeseries: 1
## -----
## 3#sainte claire@goyave-2010
## -----
## Estimation without the observed data
## Total number of counts: 5.1355 ; SD 3.6261
## Estimation taking into account the observed data
## Total number of counts: 5.0325 ; SD 2.8612
## 95% confidence interval: 1 - 10.755
```

3#sainte claire@goyave-2011



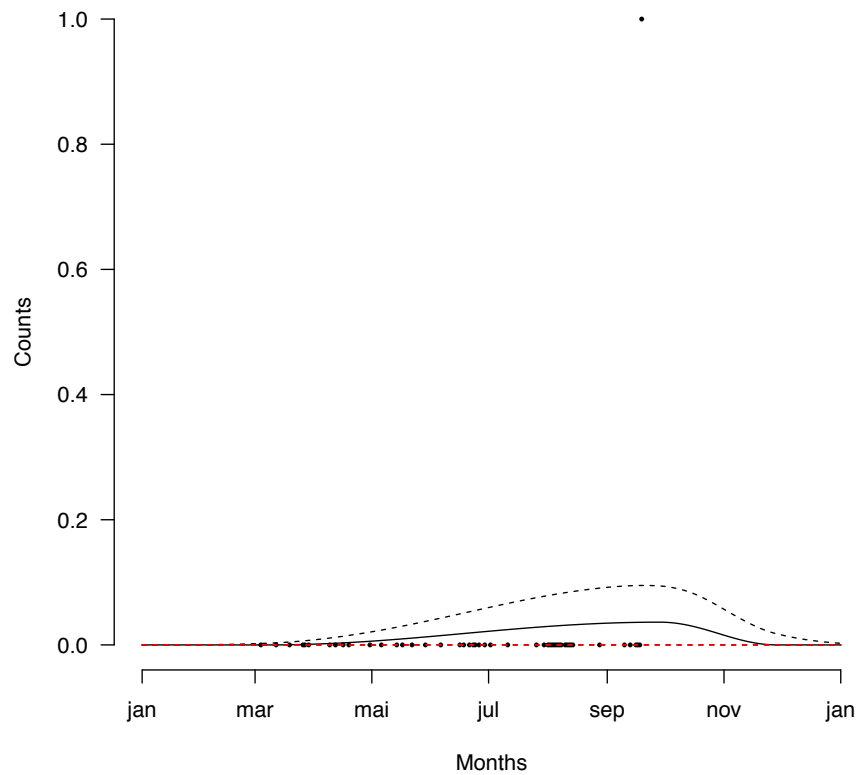
```
##
## Number of timeseries: 1
## -----
## 3#sainte claire@goyave-2011
## -----
## Estimation without the observed data
## Total number of counts: 5.4374 ; SD 3.7835
## Estimation taking into account the observed data
## Total number of counts: 5.3022 ; SD 3.0194
## 95% confidence interval: 1 - 11.341
```

3#sainte claire@goyave-2012



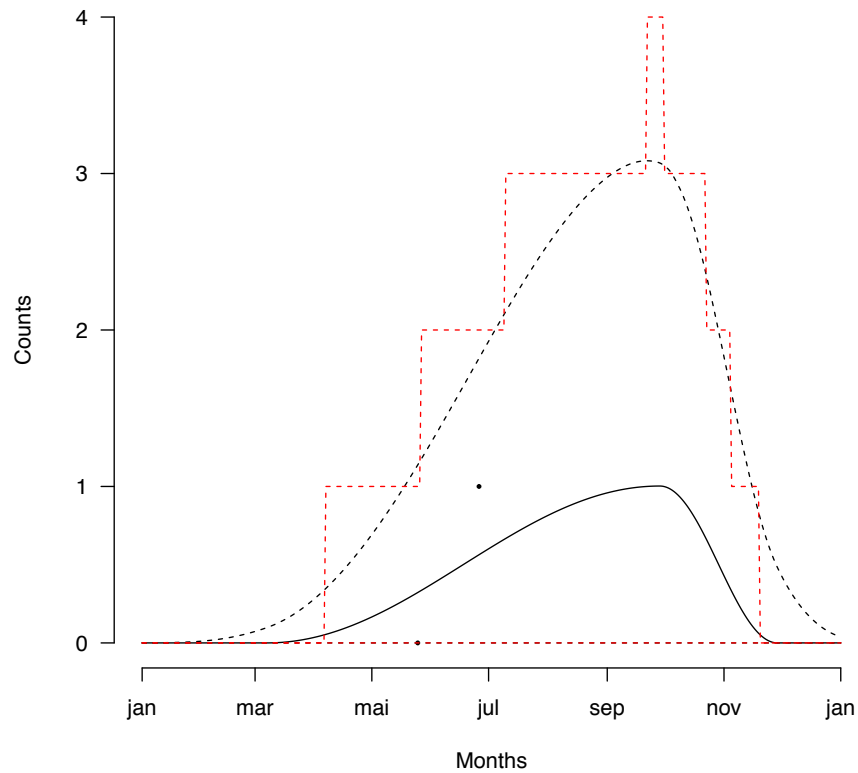
```
##
## Number of timeseries: 1
## -----
## 3#sainte claire@goyave-2012
## -----
## Estimation without the observed data
## Total number of counts: 4.222 ; SD 2.9633
## Estimation taking into account the observed data
## Total number of counts: 4.1068 ; SD 2.1966
## 95% confidence interval: 1 - 8.5
```

3#sainte claire@goyave-2013



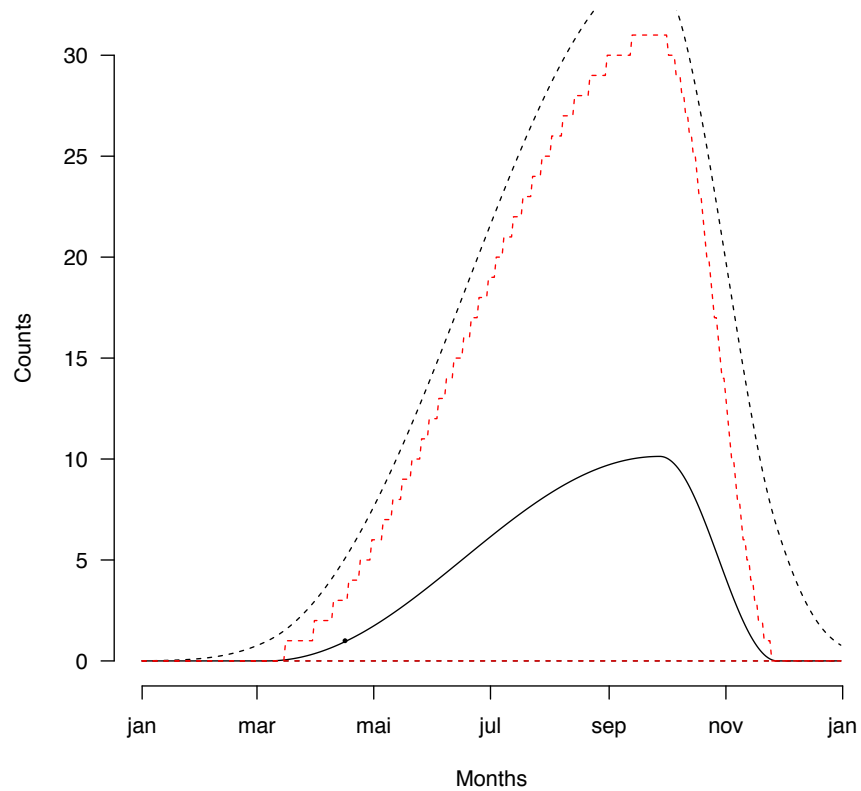
```
##
## Number of timeseries: 1
## -----
## 3#sainte claire@goyave-2013
## -----
## Estimation without the observed data
## Total number of counts: 5.7406 ; SD 4.0662
## Estimation taking into account the observed data
## Total number of counts: 5.5936 ; SD 3.266
## 95% confidence interval: 1 - 12.1255
```

4#anse a jacques@le gosier-2011



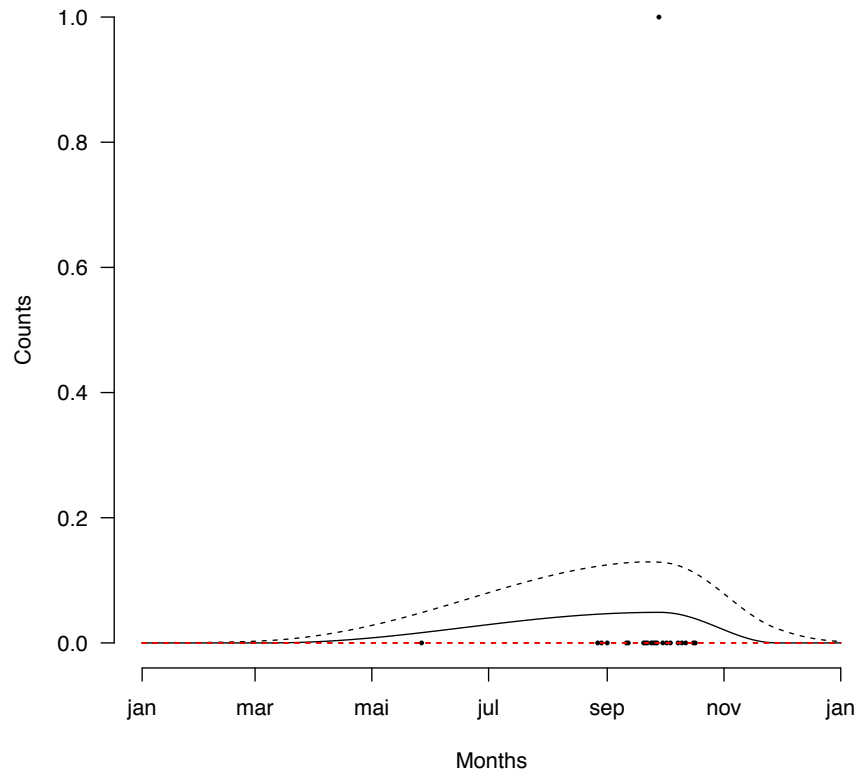
```
##
## Number of timeseries: 1
## -----
## 4#anse a jacques@le gosier-2011
## -----
## Estimation without the observed data
## Total number of counts: 187.9877 ; SD 142.9353
## Estimation taking into account the observed data
## Total number of counts: 187.7492 ; SD 141.9825
## 95% confidence interval: 1 - 471.7142
```

4#anse a jacques@le gosier-2012



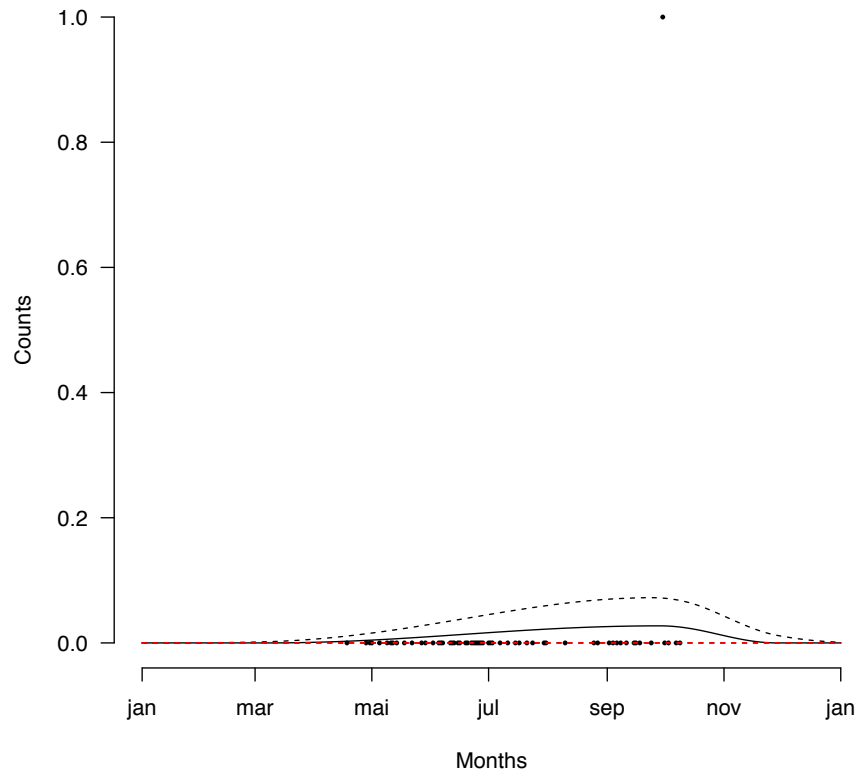
```
##
## Number of timeseries: 1
## -----
## 4#anse a jacques@le gosier-2012
## -----
## Estimation without the observed data
## Total number of counts: 2155.0799 ; SD 1659.0423
## Estimation taking into account the observed data
## Total number of counts: 2154.283 ; SD 1657.6258
## 95% confidence interval: 1 - 5469.5346
```

4#anse a jacques@le gosier-2013



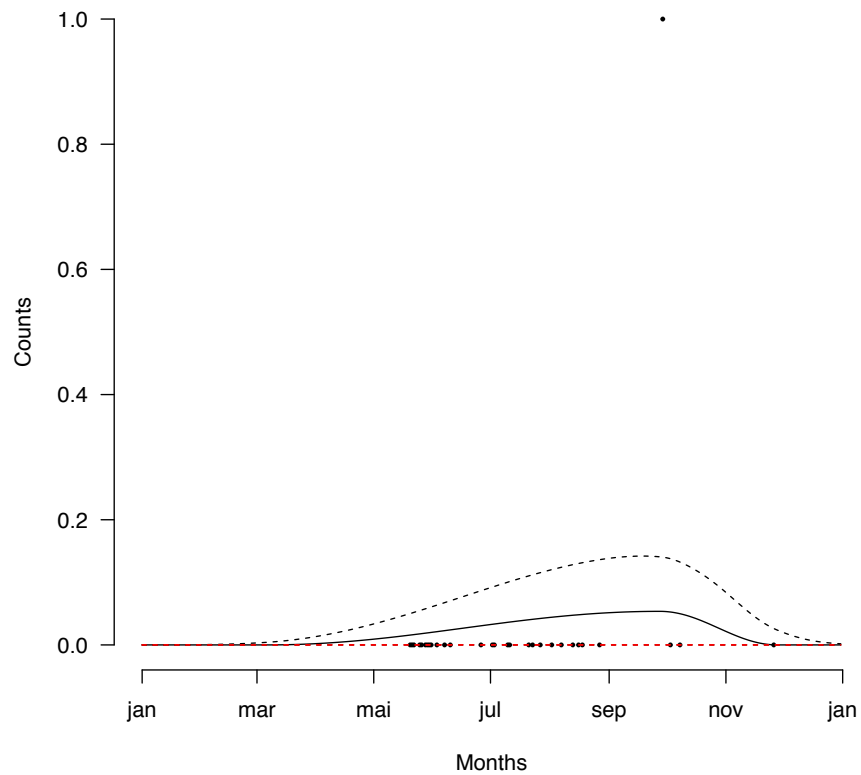
```
##
## Number of timeseries: 1
## -----
## 4#anse a jacques@le gosier-2013
## -----
## Estimation without the observed data
## Total number of counts: 7.9551 ; SD 5.6022
## Estimation taking into account the observed data
## Total number of counts: 7.8042 ; SD 4.8037
## 95% confidence interval: 1 - 17.4116
```


4#anse a jacques@le gosier-2014



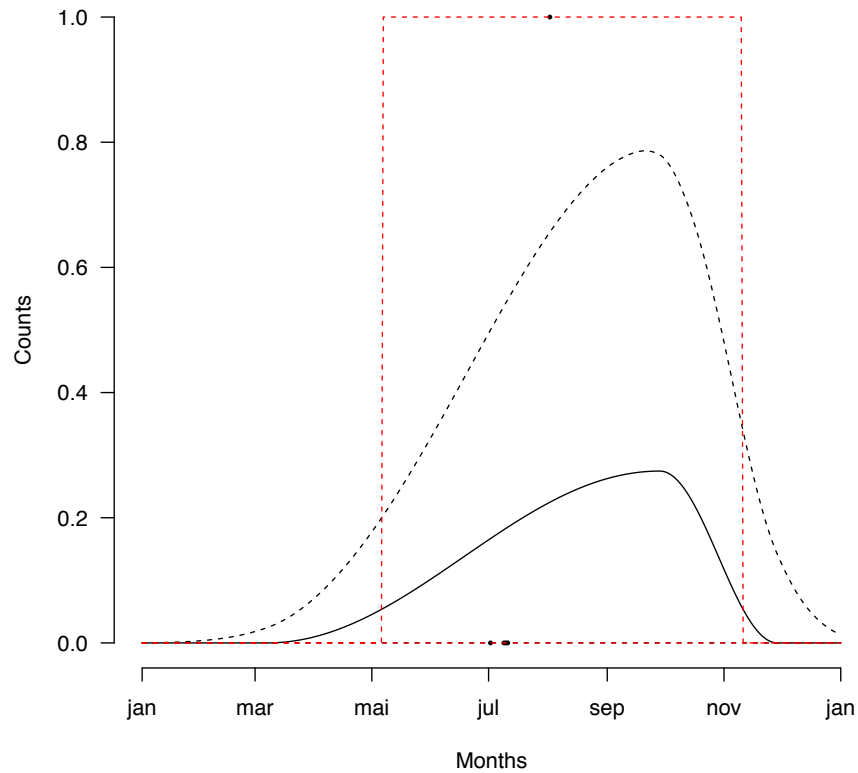
```
##
## Number of timeseries: 1
## -----
## 4#anse a jacques@le gosier-2014
## -----
## Estimation without the observed data
## Total number of counts: 4.3025 ; SD 3.1
## Estimation taking into account the observed data
## Total number of counts: 4.1721 ; SD 2.2946
## 95% confidence interval: 1 - 8.7613
```

4#anse a la barque@saint francois-2012



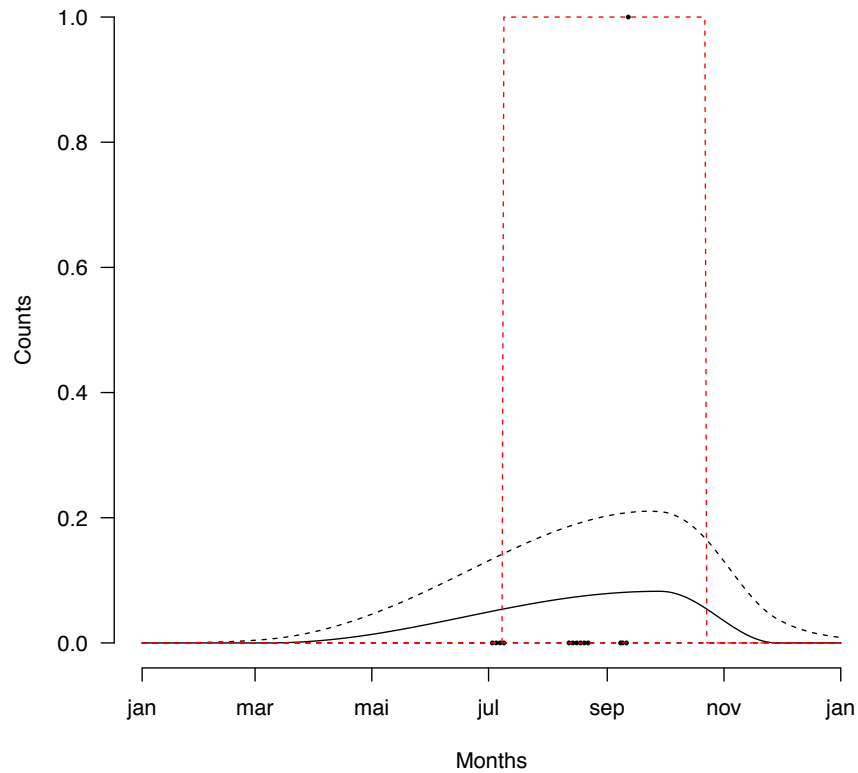
```
##
## Number of timeseries: 1
## -----
## 4#anse a la barque@saint francois-2012
## -----
## Estimation without the observed data
## Total number of counts: 8.7363 ; SD 6.1614
## Estimation taking into account the observed data
## Total number of counts: 8.5794 ; SD 5.348
## 95% confidence interval: 1 - 19.2755
```

4#anse a la barque@saint francois-2013



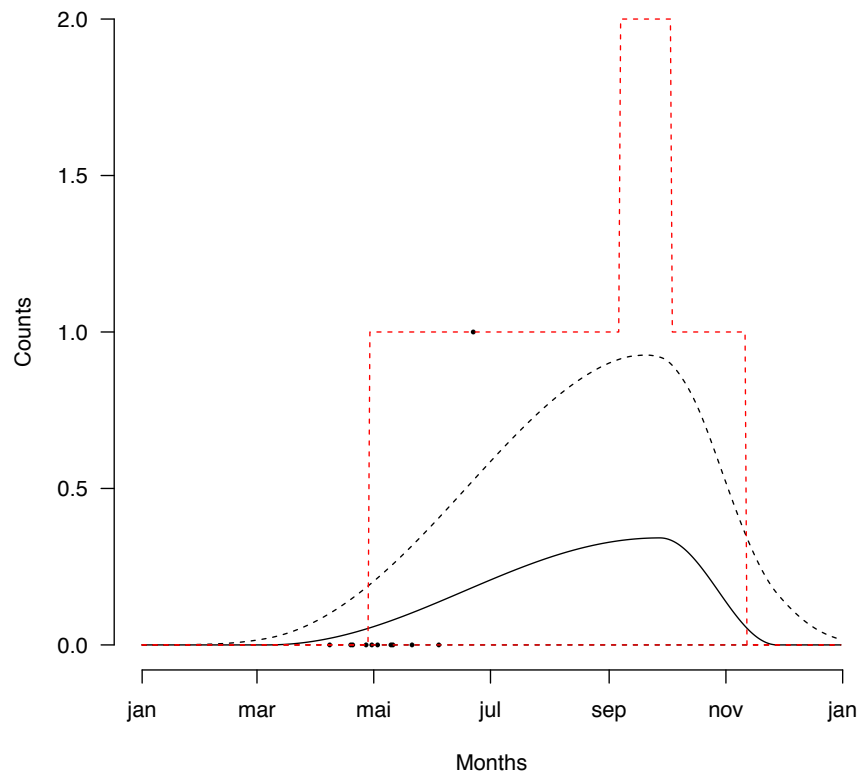
```
##
## Number of timeseries: 1
## -----
## 4#anse a la barque@saint francois-2013
## -----
## Estimation without the observed data
## Total number of counts: 48.1792 ; SD 35.5958
## Estimation taking into account the observed data
## Total number of counts: 47.9607 ; SD 34.7067
## 95% confidence interval: 1 - 117.3742
```

4#anse a la barque@saint francois-2014



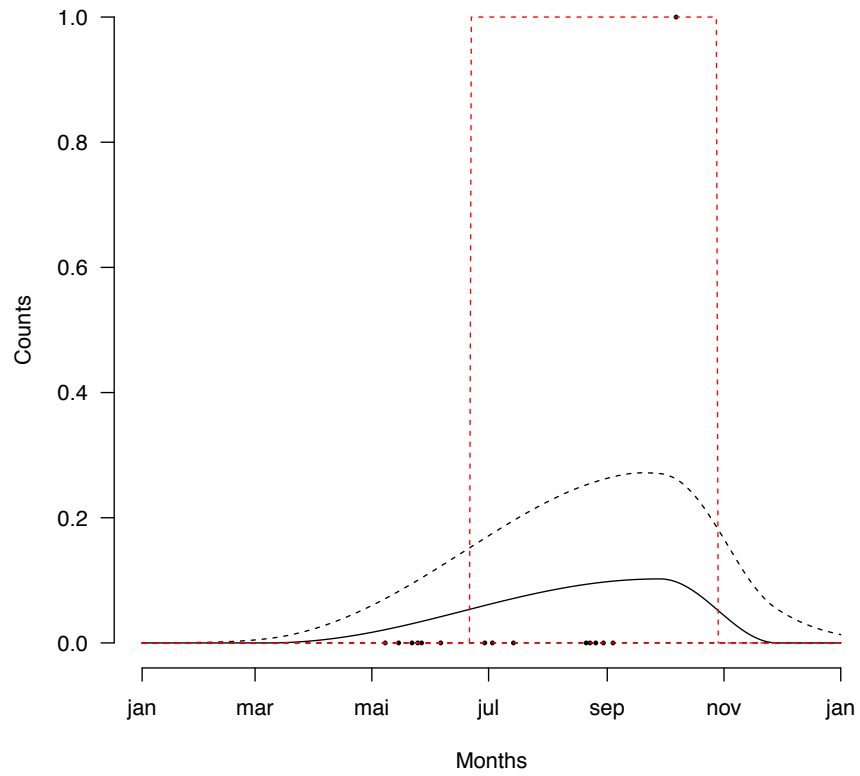
```
##
## Number of timeseries: 1
## -----
## 4#anse a la barque@saint francois-2014
## -----
## Estimation without the observed data
## Total number of counts: 13.3504 ; SD 8.9151
## Estimation taking into account the observed data
## Total number of counts: 13.1851 ; SD 8.1583
## 95% confidence interval: 1 - 29.5017
```

4#anse a saint@sainte anne-2008



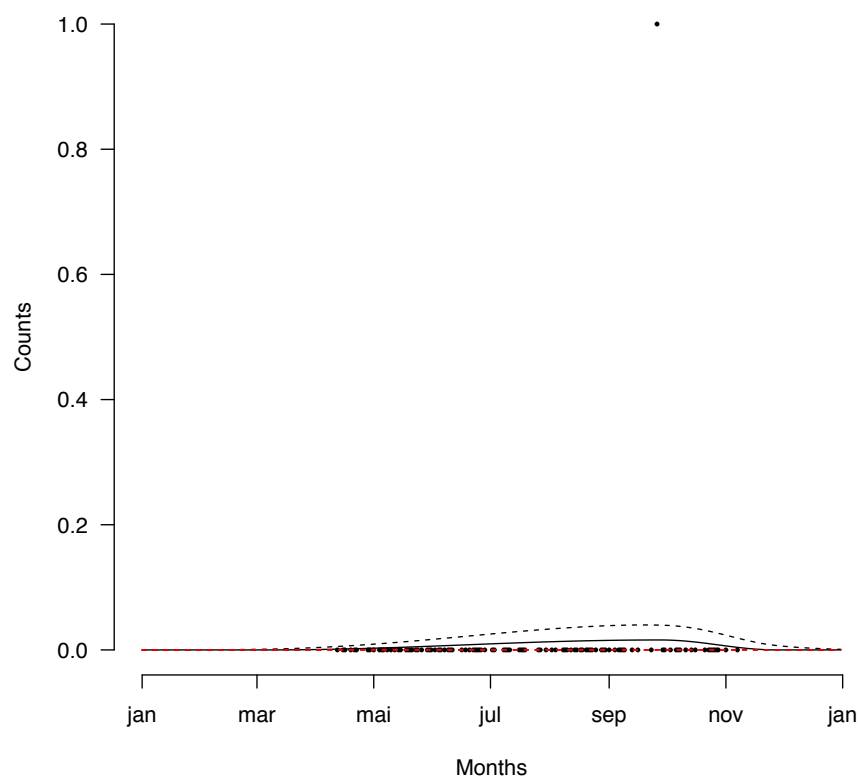
```
##
## Number of timeseries: 1
## -----
## 4#anse a saint@sainte anne-2008
## -----
## Estimation without the observed data
## Total number of counts: 54.278 ; SD 40.1376
## Estimation taking into account the observed data
## Total number of counts: 54.2366 ; SD 39.3511
## 95% confidence interval: 1 - 132.9387
```

4#anse a saint@sainte anne-2011



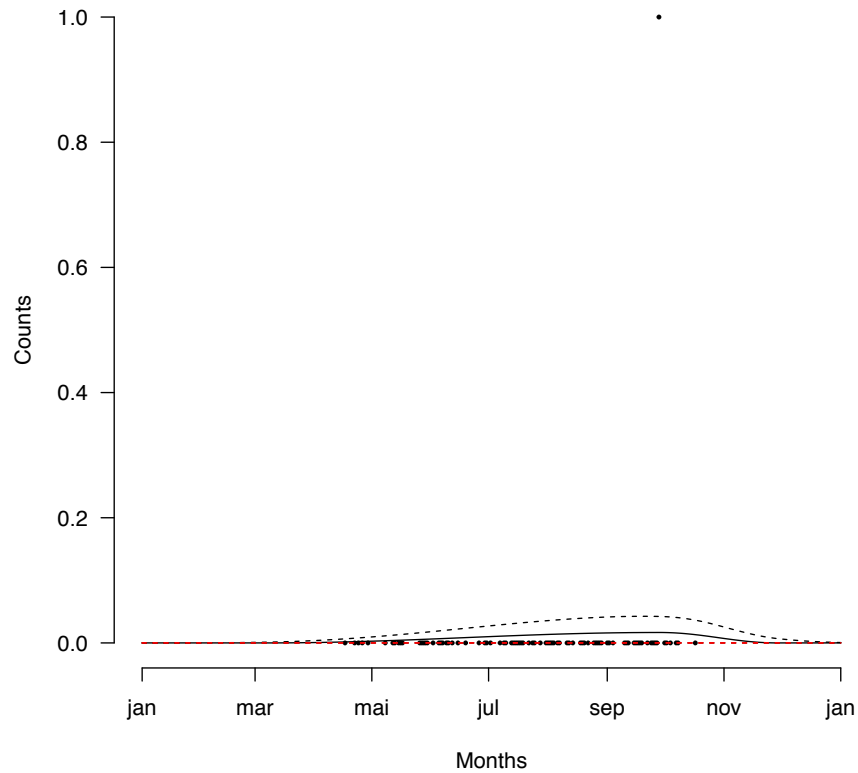
```
##
## Number of timeseries: 1
## -----
## 4#anse a saint@sainte anne-2011
## -----
## Estimation without the observed data
## Total number of counts: 16.4222 ; SD 11.9134
## Estimation taking into account the observed data
## Total number of counts: 16.2934 ; SD 11.1115
## 95% confidence interval: 1 - 38.5164
```

4#anse a saint@sainte anne-2012



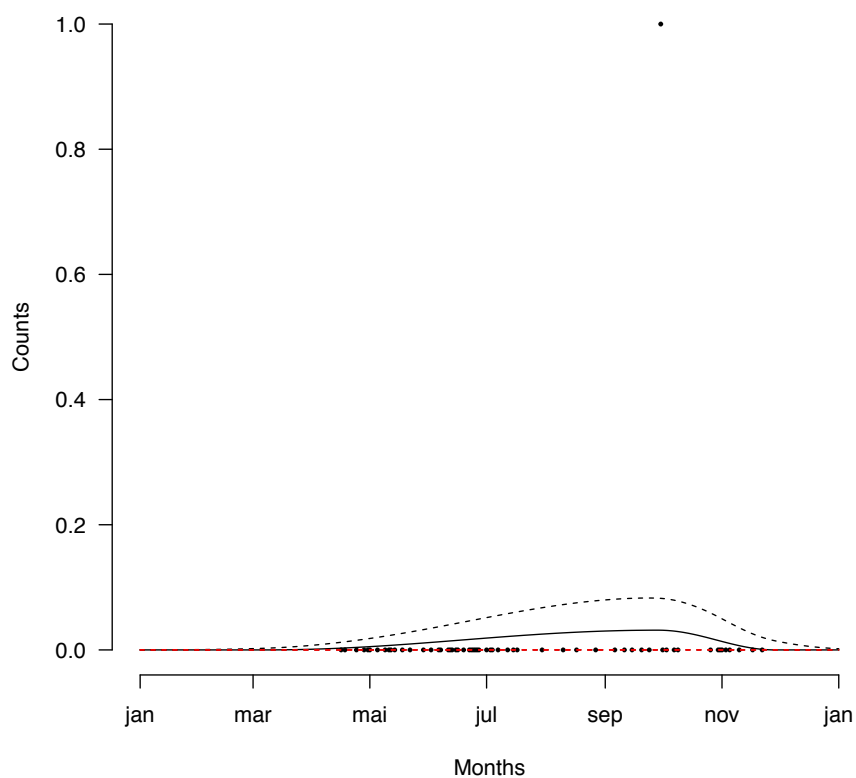
```
##
## Number of timeseries: 1
## -----
## 4#anse a saint@sainte anne-2012
## -----
## Estimation without the observed data
## Total number of counts: 2.4599 ; SD 1.6723
## Estimation taking into account the observed data
## Total number of counts: 2.34 ; SD 0.9215
## 95% confidence interval: 1 - 4.183
```

4#anse a saint@sainte anne-2013



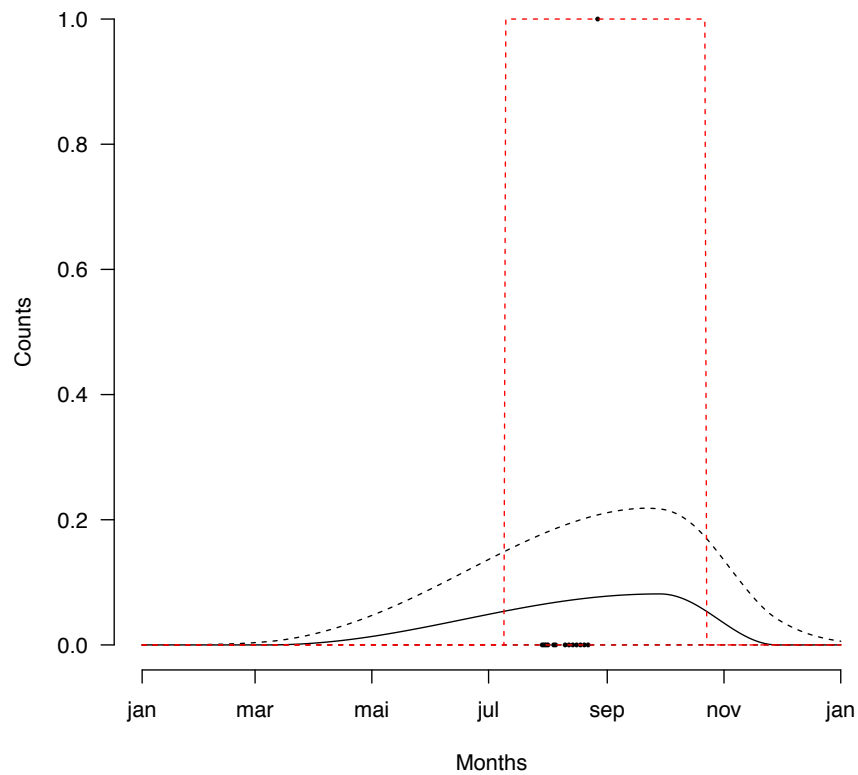
```
##
## Number of timeseries: 1
## -----
## 4#anse a saint@sainte anne-2013
## -----
## Estimation without the observed data
## Total number of counts: 2.6312 ; SD 1.8194
## Estimation taking into account the observed data
## Total number of counts: 2.488 ; SD 1.0471
## 95% confidence interval: 1 - 4.5822
```


4#anse a saint@sainte anne-2014



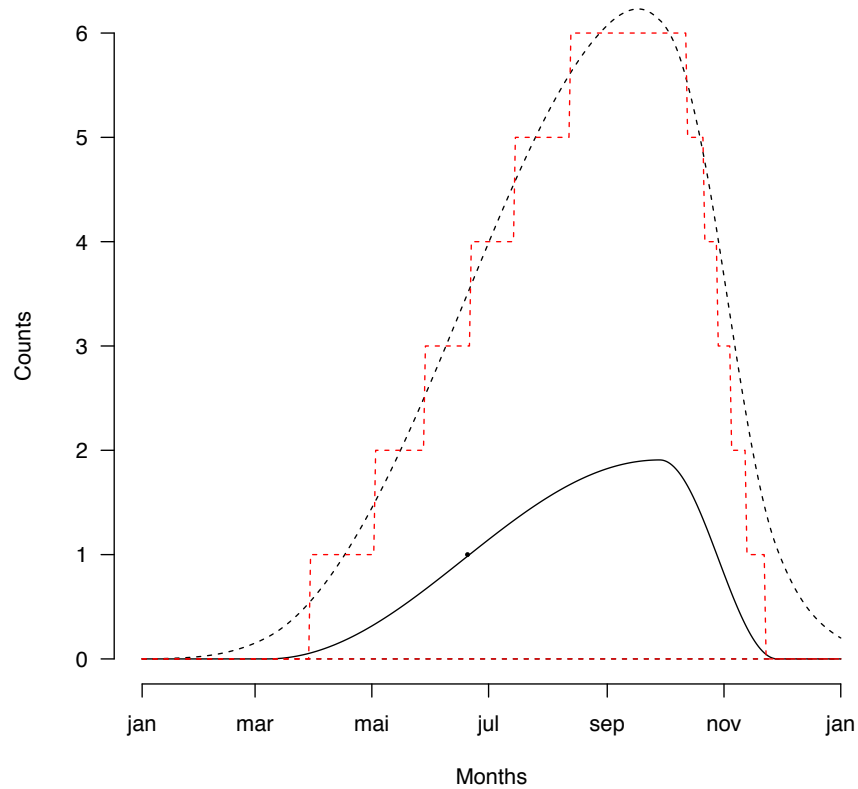
```
##
## Number of timeseries: 1
## -----
## 4#anse a saint@sainte anne-2014
## -----
## Estimation without the observed data
## Total number of counts: 5.0048 ; SD 3.5643
## Estimation taking into account the observed data
## Total number of counts: 4.8542 ; SD 2.7474
## 95% confidence interval: 1 - 10.349
```

4#anse champagne@saint francois-2014



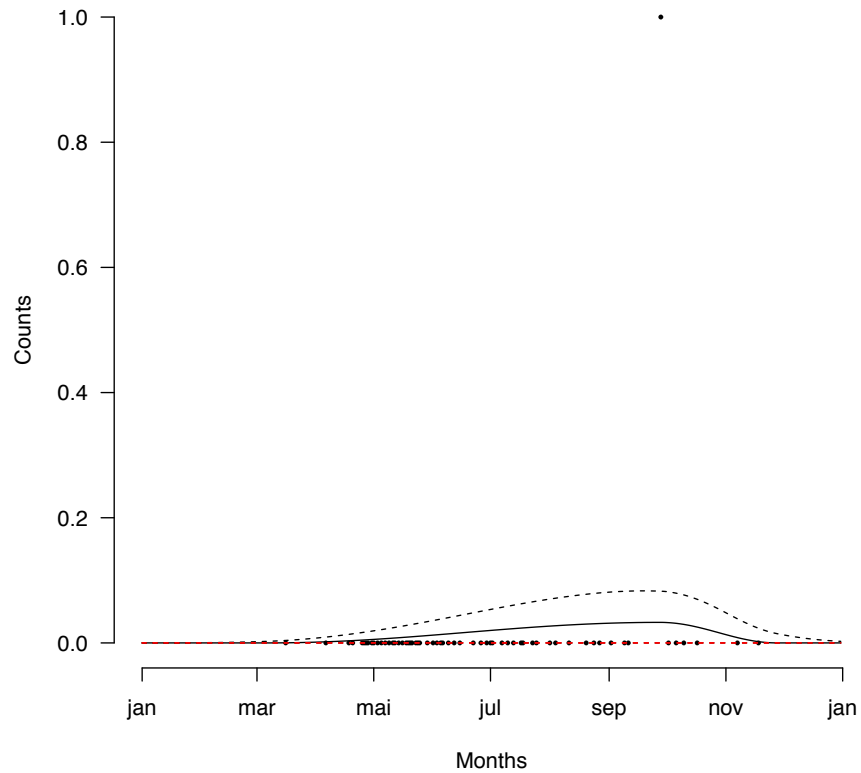
```
##
## Number of timeseries: 1
## -----
## 4#anse champagne@saint francois-2014
## -----
## Estimation without the observed data
## Total number of counts: 12.8565 ; SD 9.661
## Estimation taking into account the observed data
## Total number of counts: 12.7127 ; SD 8.8318
## 95% confidence interval: 1 - 30.3763
```

4#anse cholera@le gosier-2009



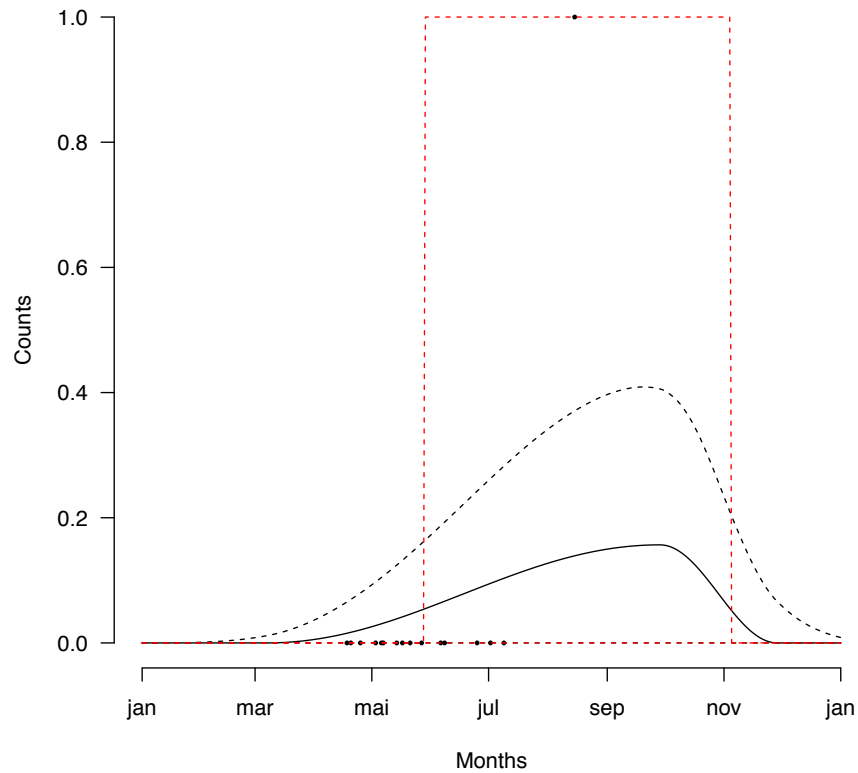
```
##
## Number of timeseries: 1
## -----
## 4#anse cholera@le gosier-2009
## -----
## Estimation without the observed data
## Total number of counts: 412.1345 ; SD 299.899
## Estimation taking into account the observed data
## Total number of counts: 411.527 ; SD 298.7068
## 95% confidence interval: 1 - 1008.9407
```

4#anse du belley@sainte anne-2012



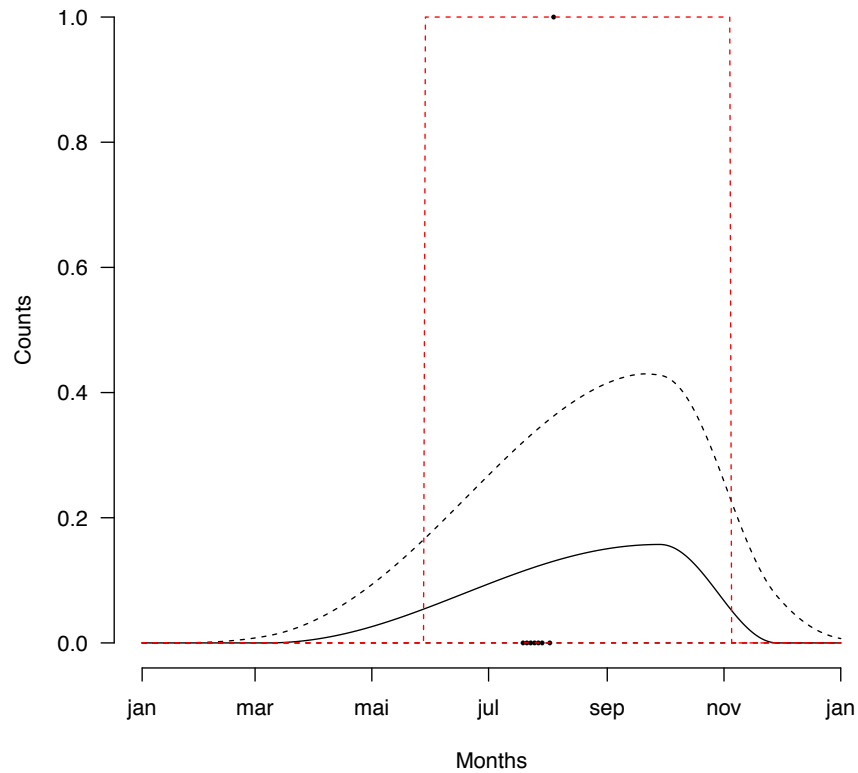
```
##
## Number of timeseries: 1
## -----
## 4#anse du belley@sainte anne-2012
## -----
## Estimation without the observed data
## Total number of counts: 4.9792 ; SD 3.5168
## Estimation taking into account the observed data
## Total number of counts: 4.8815 ; SD 2.7469
## 95% confidence interval: 1 - 10.3754
```

4#anse du belley@sainte anne-2013



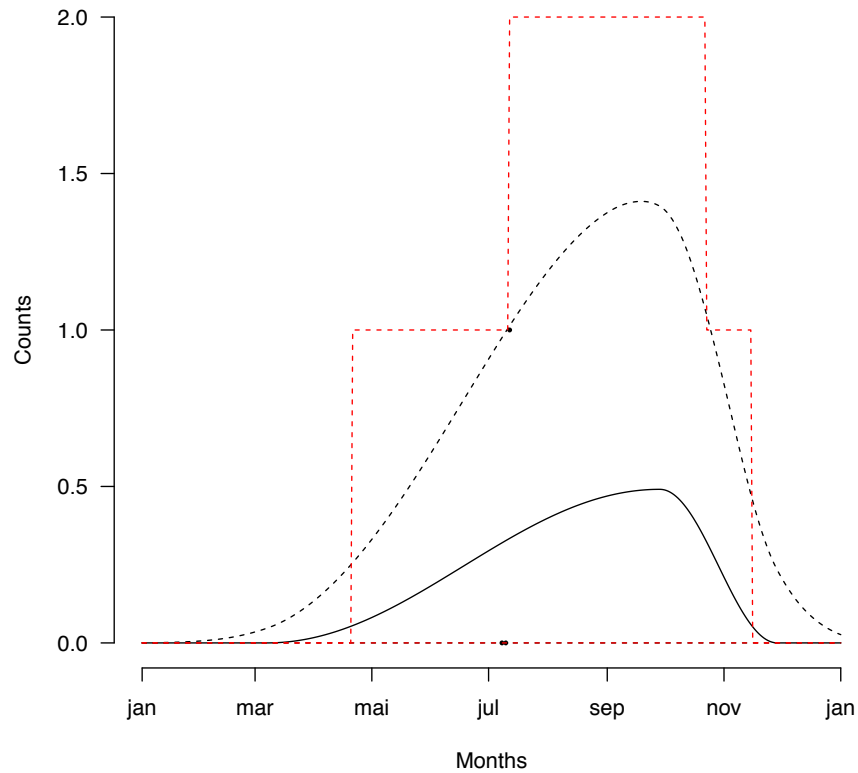
```
##
## Number of timeseries: 1
## -----
## 4#anse du belley@sainte anne-2013
## -----
## Estimation without the observed data
## Total number of counts: 24.7211 ; SD 17.5078
## Estimation taking into account the observed data
## Total number of counts: 24.678 ; SD 16.7342
## 95% confidence interval: 1 - 58.1464
```

4#anse kahouanne@saint francois-2006



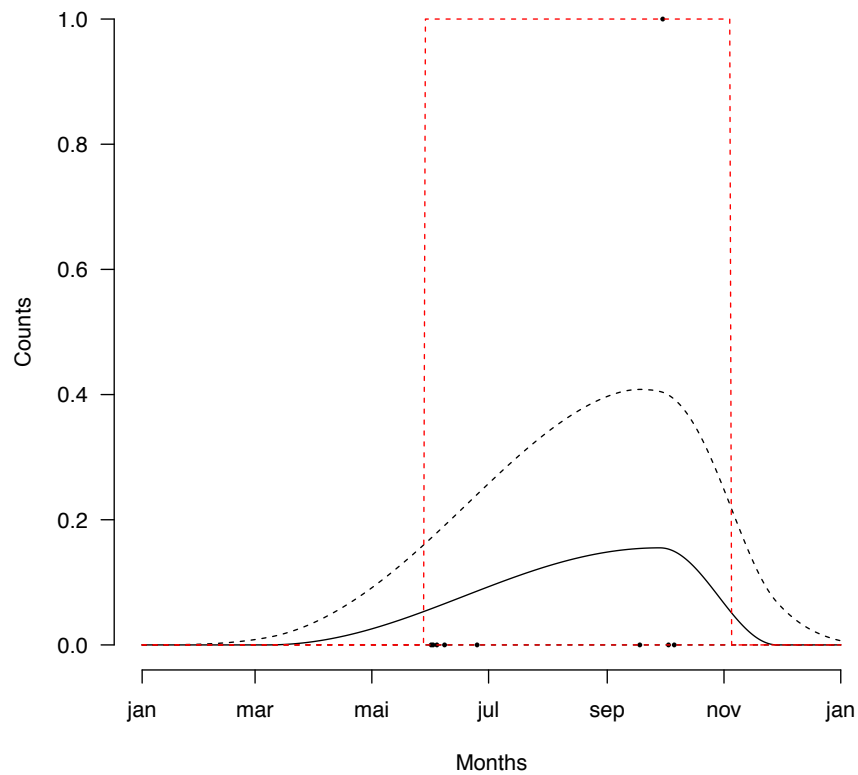
```
##
## Number of timeseries: 1
## -----
## 4#anse kahouanne@saint francois-2006
## -----
## Estimation without the observed data
## Total number of counts: 26.2184 ; SD 18.8594
## Estimation taking into account the observed data
## Total number of counts: 26.0161 ; SD 18.0075
## 95% confidence interval: 1 - 62.0311
```

4#anse kahouanne@saint francois-2007



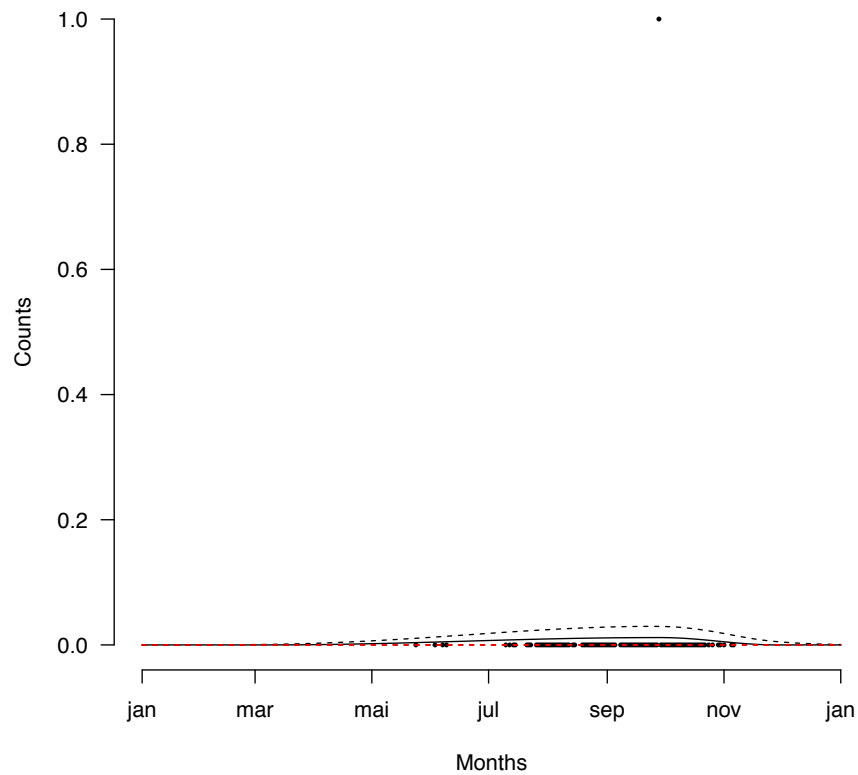
```
##
## Number of timeseries: 1
## -----
## 4#anse kahouanne@saint francois-2007
## -----
## Estimation without the observed data
## Total number of counts: 86.3231 ; SD 64.6333
## Estimation taking into account the observed data
## Total number of counts: 86.0341 ; SD 63.6661
## 95% confidence interval: 1 - 213.3664
```

4#anse kahouanne@saint francois-2010



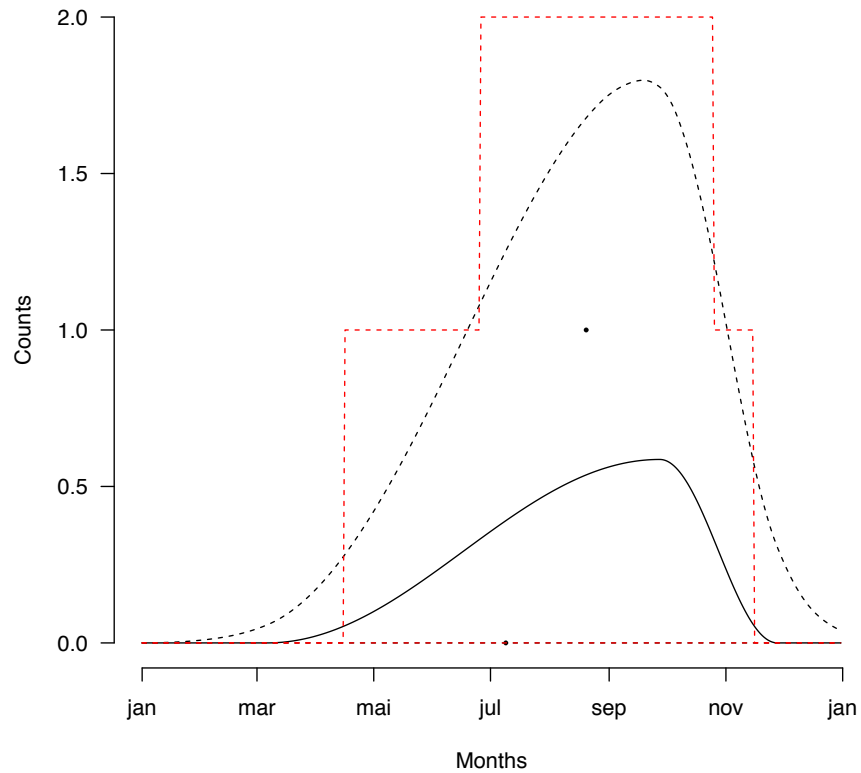
```
##
## Number of timeseries: 1
## -----
## 4#anse kahouanne@saint francois-2010
## -----
## Estimation without the observed data
## Total number of counts: 25.1801 ; SD 17.5778
## Estimation taking into account the observed data
## Total number of counts: 25.0944 ; SD 16.8305
## 95% confidence interval: 1 - 58.7554
```


4#anse kahouanne@saint francois-2011



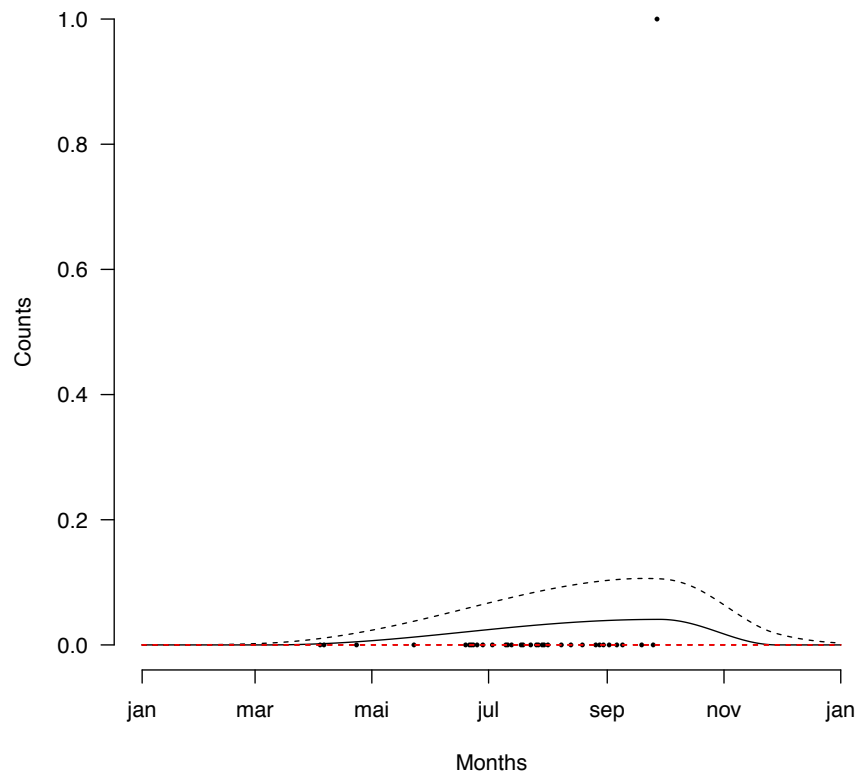
```
##
## Number of timeseries: 1
## -----
## 4#anse kahouanne@saint francois-2011
## -----
## Estimation without the observed data
## Total number of counts: 1.7776 ; SD 1.2519
## Estimation taking into account the observed data
## Total number of counts: 1.6884 ; SD 0.5049
## 95% confidence interval: 1 - 2.6982
```

4#anse kahouanne@saint francois-2012



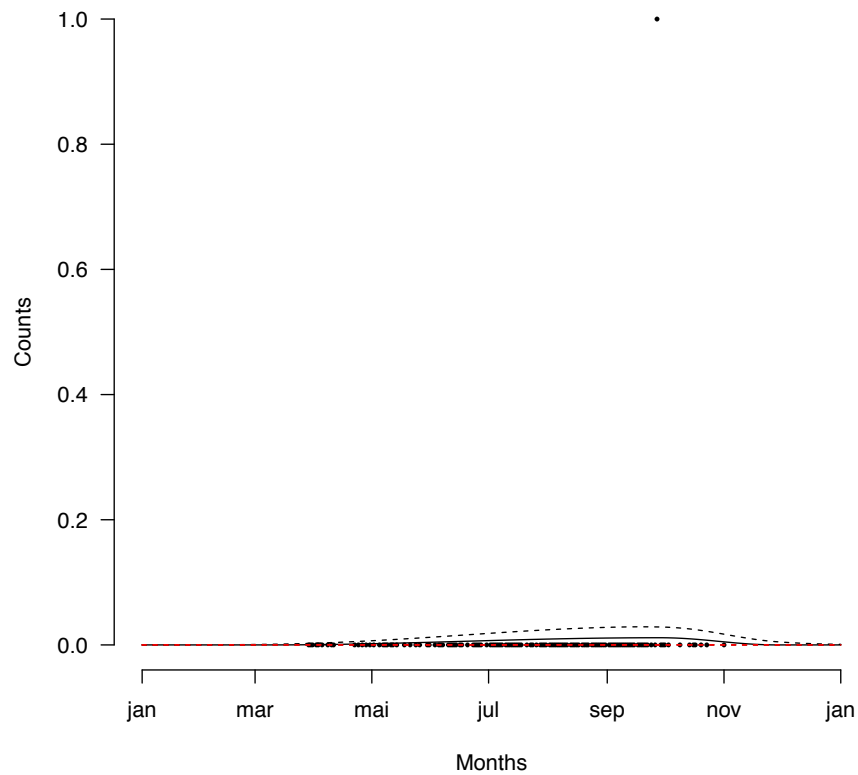
```
##
## Number of timeseries: 1
## -----
## 4#anse kahouanne@saint francois-2012
## -----
## Estimation without the observed data
## Total number of counts: 110.5733 ; SD 83.789
## Estimation taking into account the observed data
## Total number of counts: 110.2733 ; SD 82.8106
## 95% confidence interval: 1 - 275.8945
```

4#anse kahouanne@saint francois-2013



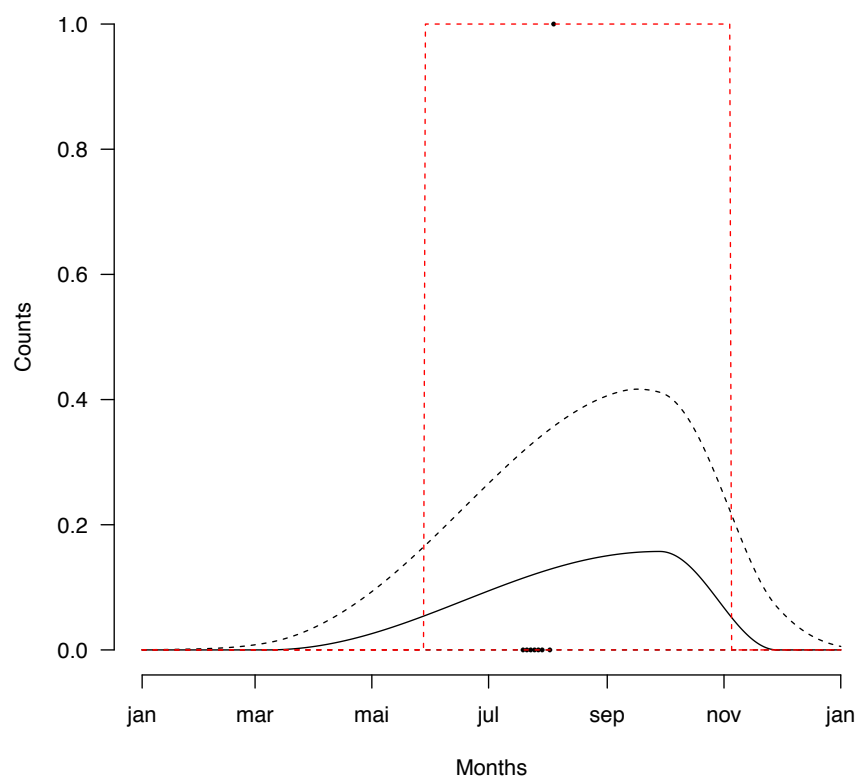
```
##
## Number of timeseries: 1
## -----
## 4#anse kahouanne@saint francois-2013
## -----
## Estimation without the observed data
## Total number of counts: 6.5623 ; SD 4.5479
## Estimation taking into account the observed data
## Total number of counts: 6.3984 ; SD 3.7559
## 95% confidence interval: 1 - 13.9102
```

4#anse kahouanne@saint francois-2014



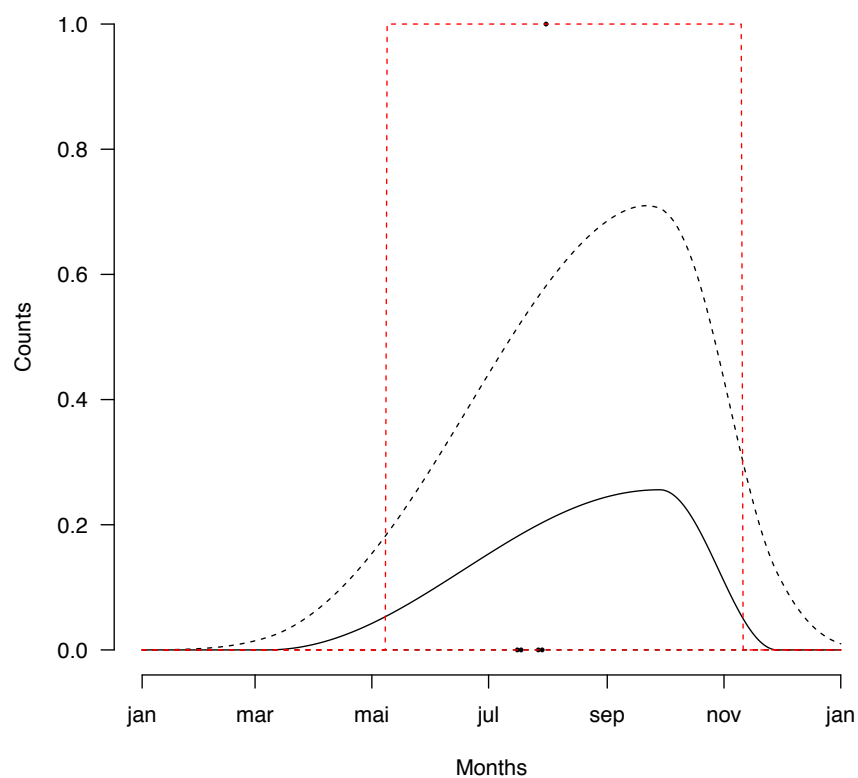
```
##
## Number of timeseries: 1
## -----
## 4#anse kahouanne@saint francois-2014
## -----
## Estimation without the observed data
## Total number of counts: 1.7836 ; SD 1.2293
## Estimation taking into account the observed data
## Total number of counts: 1.6578 ; SD 0.4746
## 95% confidence interval: 1 - 2.607
```

4#anse loquet@saint francois-2006



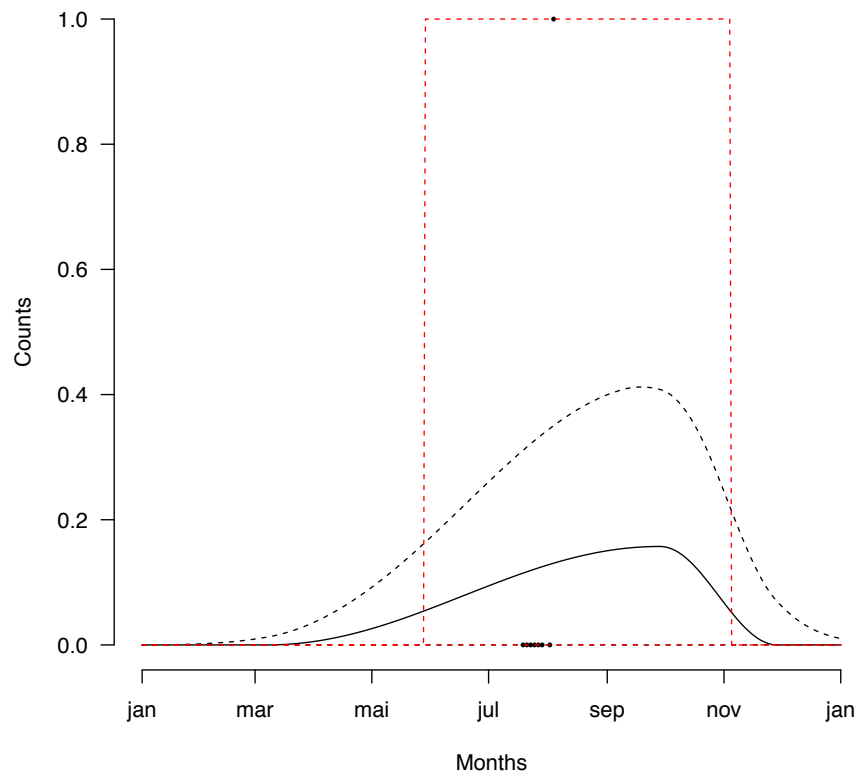
```
##
## Number of timeseries: 1
## -----
## 4#anse loquet@saint francois-2006
## -----
## Estimation without the observed data
## Total number of counts: 25.3308 ; SD 18.1344
## Estimation taking into account the observed data
## Total number of counts: 25.1603 ; SD 17.3011
## 95% confidence interval: 1 - 59.7625
```

4#anse loquet@saint francois-2007



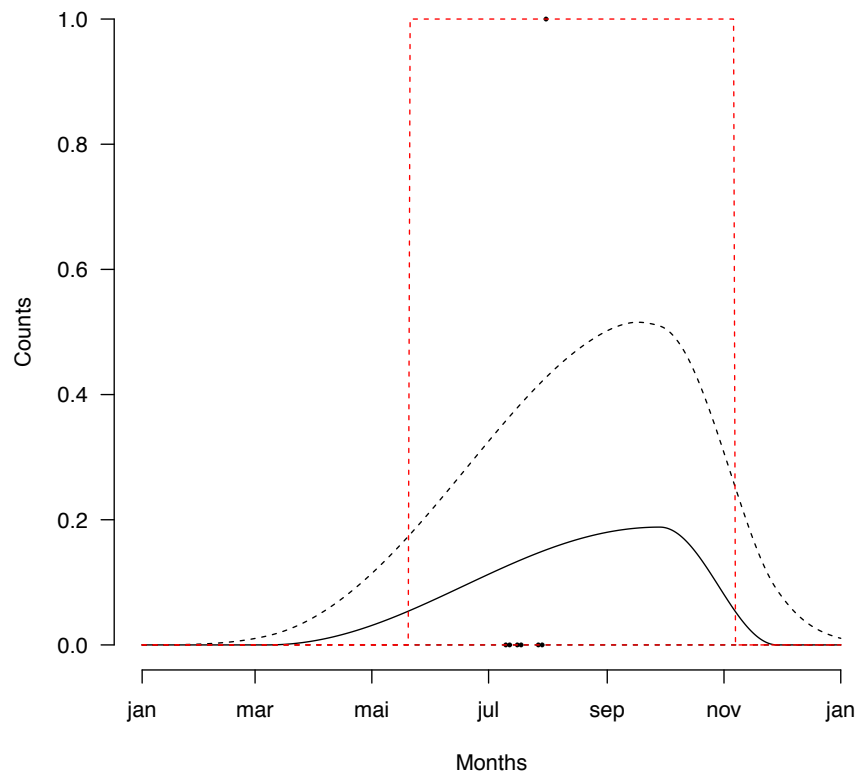
```
##
## Number of timeseries: 1
## -----
## 4#anse loquet@saint francois-2007
## -----
## Estimation without the observed data
## Total number of counts: 42.6482 ; SD 31.7124
## Estimation taking into account the observed data
## Total number of counts: 42.4497 ; SD 30.8434
## 95% confidence interval: 1 - 104.1364
```

4#anse mancenillier (la coulee)@saint francois-2006



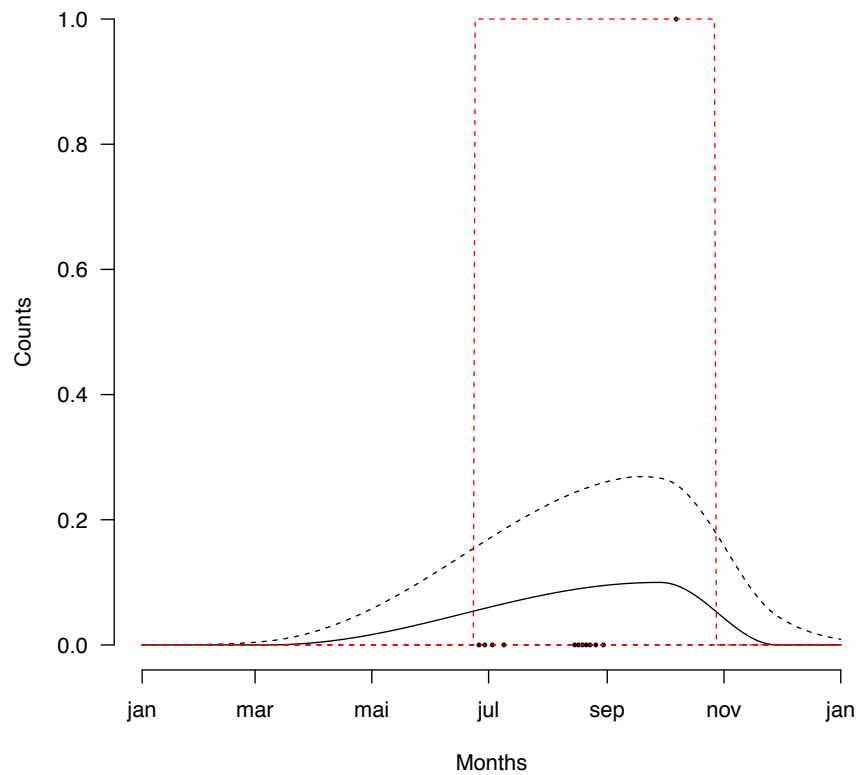
```
##
## Number of timeseries: 1
## -----
## 4#anse mancenillier (la coulee)@saint francois-2006
## -----
## Estimation without the observed data
## Total number of counts: 24.8111 ; SD 17.7518
## Estimation taking into account the observed data
## Total number of counts: 24.6686 ; SD 16.9433
## 95% confidence interval: 1 - 58.5552
```

4#anse mancenillier (la coulee)@saint francois-2007



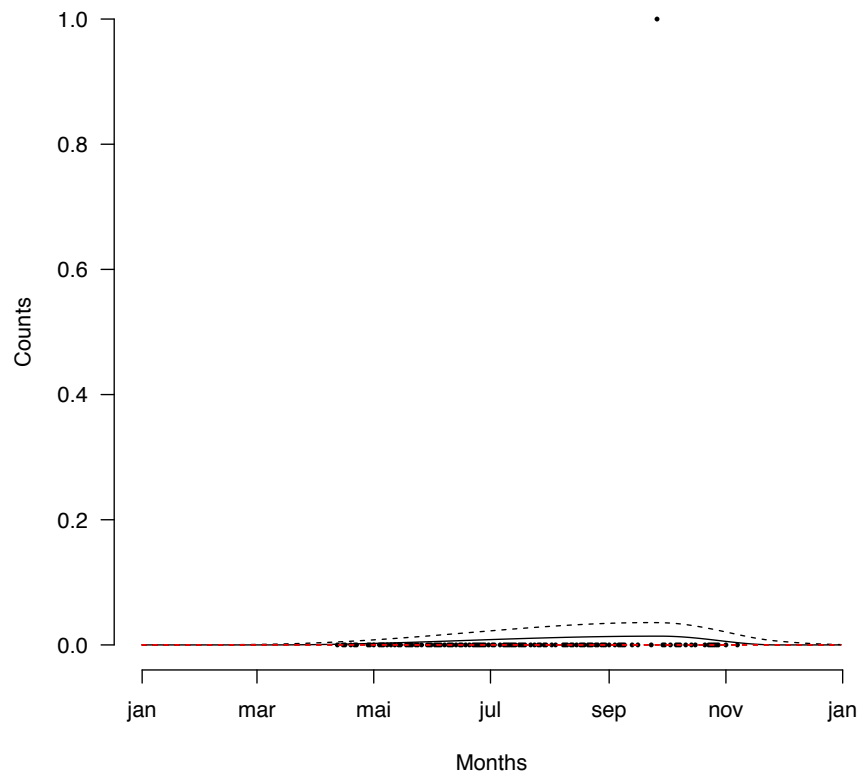
```
##
## Number of timeseries: 1
## -----
## 4#anse mancenillier (la coulee)@saint francois-2007
## -----
## Estimation without the observed data
## Total number of counts: 31.5033 ; SD 22.4047
## Estimation taking into account the observed data
## Total number of counts: 31.293 ; SD 21.5433
## 95% confidence interval: 1 - 74.3796
```


4#anse patate@le gosier-2011



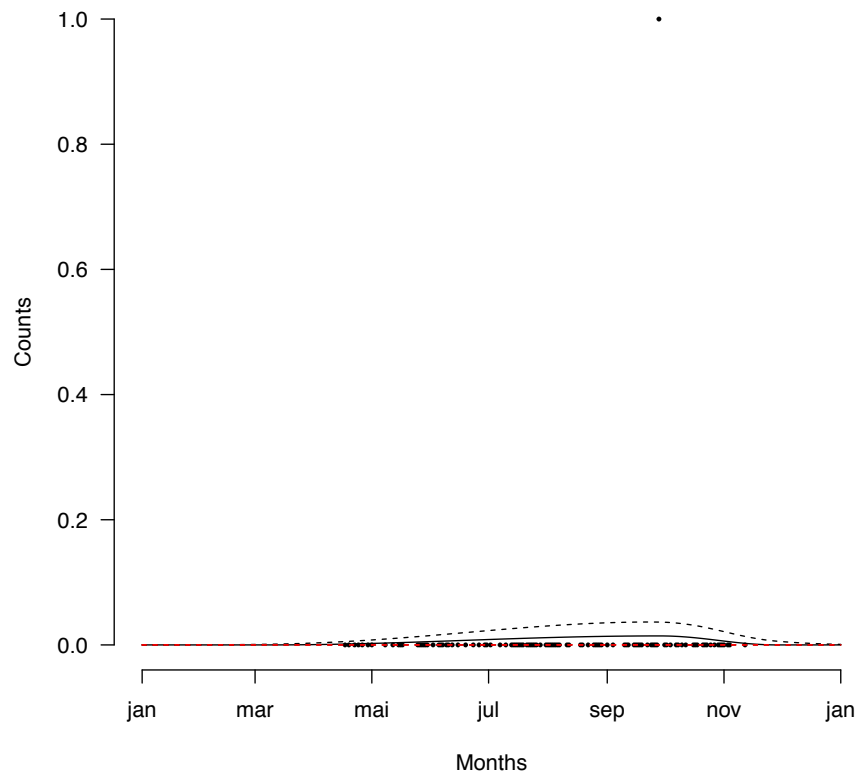
```
##
## Number of timeseries: 1
## -----
## 4#anse patate@le gosier-2011
## -----
## Estimation without the observed data
## Total number of counts: 16.275 ; SD 11.6802
## Estimation taking into account the observed data
## Total number of counts: 16.1019 ; SD 10.8482
## 95% confidence interval: 1 - 37.7983
```

4#anse patate@le gosier-2012



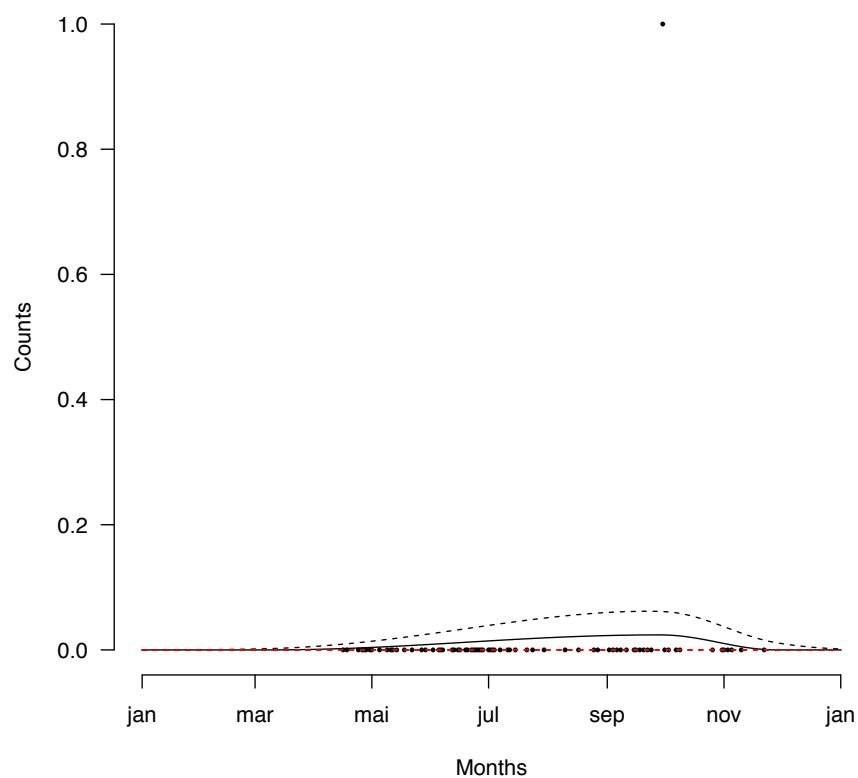
```
##
## Number of timeseries: 1
## -----
## 4#anse patate@le gosier-2012
## -----
## Estimation without the observed data
## Total number of counts: 2.1496 ; SD 1.4876
## Estimation taking into account the observed data
## Total number of counts: 2.0359 ; SD 0.7279
## 95% confidence interval: 1 - 3.4917
```

4#anse patate@le gosier-2013



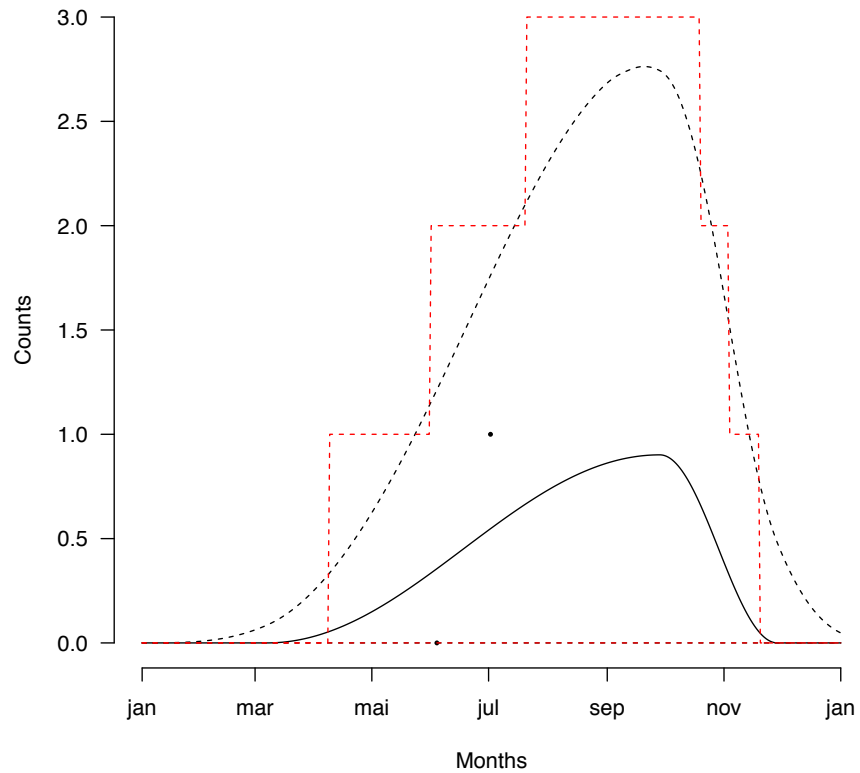
```
##
## Number of timeseries: 1
## -----
## 4#anse patate@le gosier-2013
## -----
## Estimation without the observed data
## Total number of counts: 2.2381 ; SD 1.5294
## Estimation taking into account the observed data
## Total number of counts: 2.1071 ; SD 0.7606
## 95% confidence interval: 1 - 3.6284
```

4#anse patate@le gosier-2014



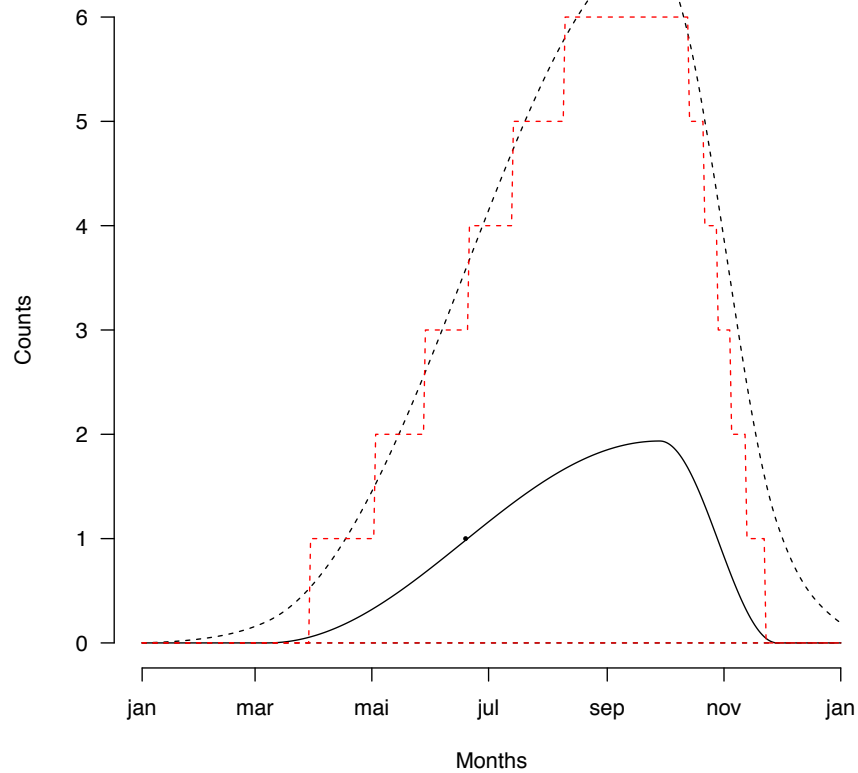
```
##
## Number of timeseries: 1
## -----
## 4#anse patate@le gosier-2014
## -----
## Estimation without the observed data
## Total number of counts: 3.8069 ; SD 2.6698
## Estimation taking into account the observed data
## Total number of counts: 3.6583 ; SD 1.8679
## 95% confidence interval: 1 - 7.3941
```

4#anse tabarin@le gosier-2014



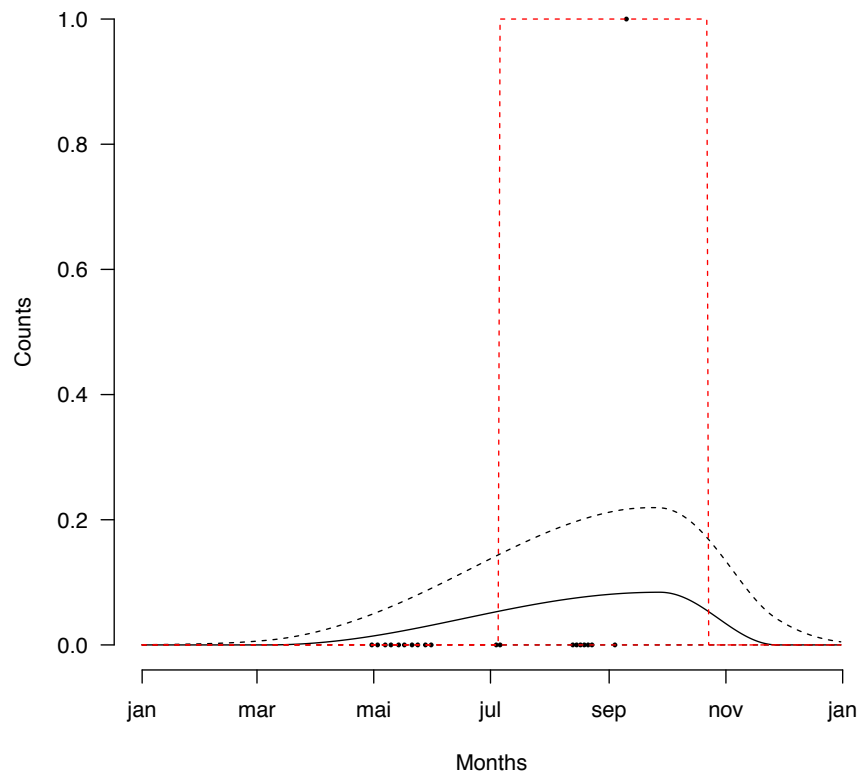
```
##
## Number of timeseries: 1
## -----
## 4#anse tabarin@le gosier-2014
## -----
## Estimation without the observed data
## Total number of counts: 170.3159 ; SD 129.4074
## Estimation taking into account the observed data
## Total number of counts: 170.0541 ; SD 128.441
## 95% confidence interval: 1 - 426.9361
```

4#anse vinaigri@le gosier-2011



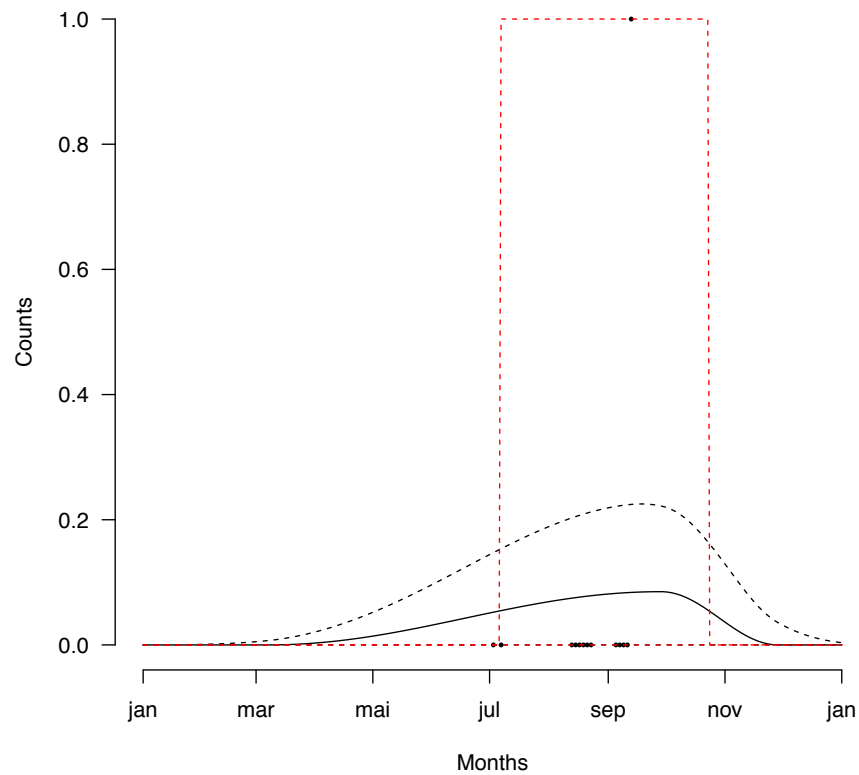
```
##
## Number of timeseries: 1
## -----
## 4#anse vinaigri@le gosier-2011
## -----
## Estimation without the observed data
## Total number of counts: 420.5753 ; SD 318.5412
## Estimation taking into account the observed data
## Total number of counts: 419.9821 ; SD 317.3214
## 95% confidence interval: 1 - 1054.6249
```

4#bois jolan@sainte anne-2008



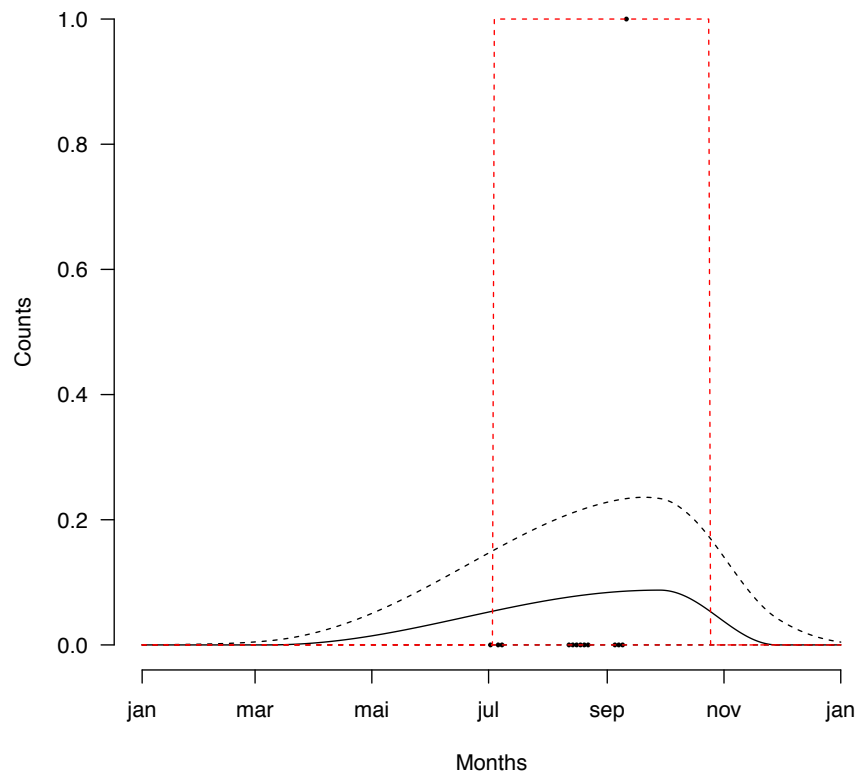
```
##
## Number of timeseries: 1
## -----
## 4#bois jolan@sainte anne-2008
## -----
## Estimation without the observed data
## Total number of counts: 13.5536 ; SD 9.4887
## Estimation taking into account the observed data
## Total number of counts: 13.4181 ; SD 8.7187
## 95% confidence interval: 1 - 30.8555
```

4#bois jolan@sainte anne-2009



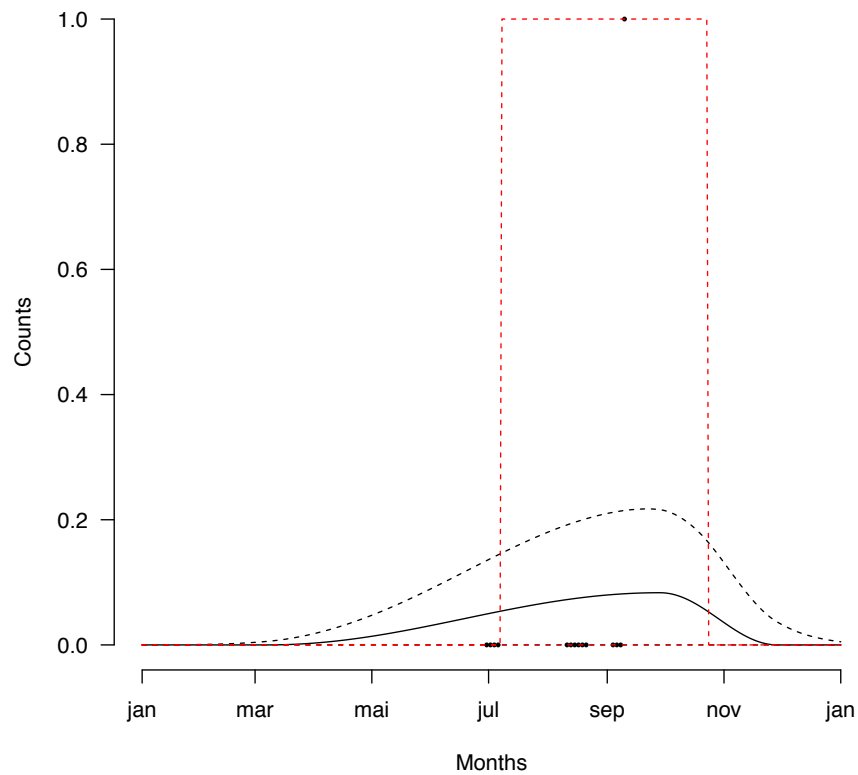
```
##
## Number of timeseries: 1
## -----
## 4#bois jolan@sainte anne-2009
## -----
## Estimation without the observed data
## Total number of counts: 13.7832 ; SD 9.7363
## Estimation taking into account the observed data
## Total number of counts: 13.6011 ; SD 8.9118
## 95% confidence interval: 1 - 31.4247
```


4#bois jolan@sainte anne-2010



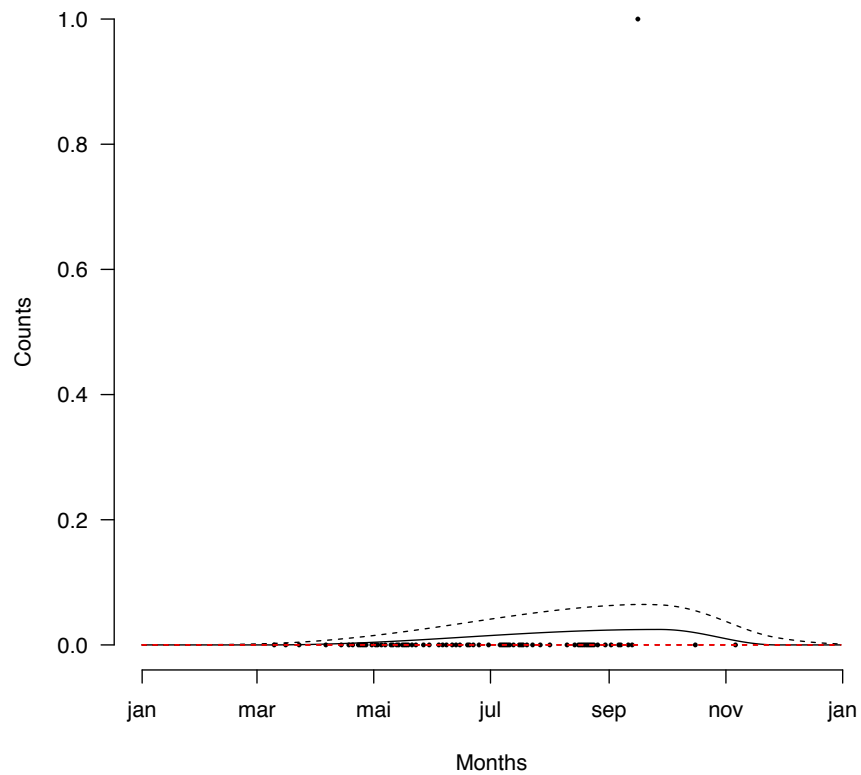
```
##
## Number of timeseries: 1
## -----
## 4#bois jolan@sainte anne-2010
## -----
## Estimation without the observed data
## Total number of counts: 13.9848 ; SD 10.18
## Estimation taking into account the observed data
## Total number of counts: 13.8291 ; SD 9.3489
## 95% confidence interval: 1 - 32.5268
```

4#bois jolan@sainte anne-2011



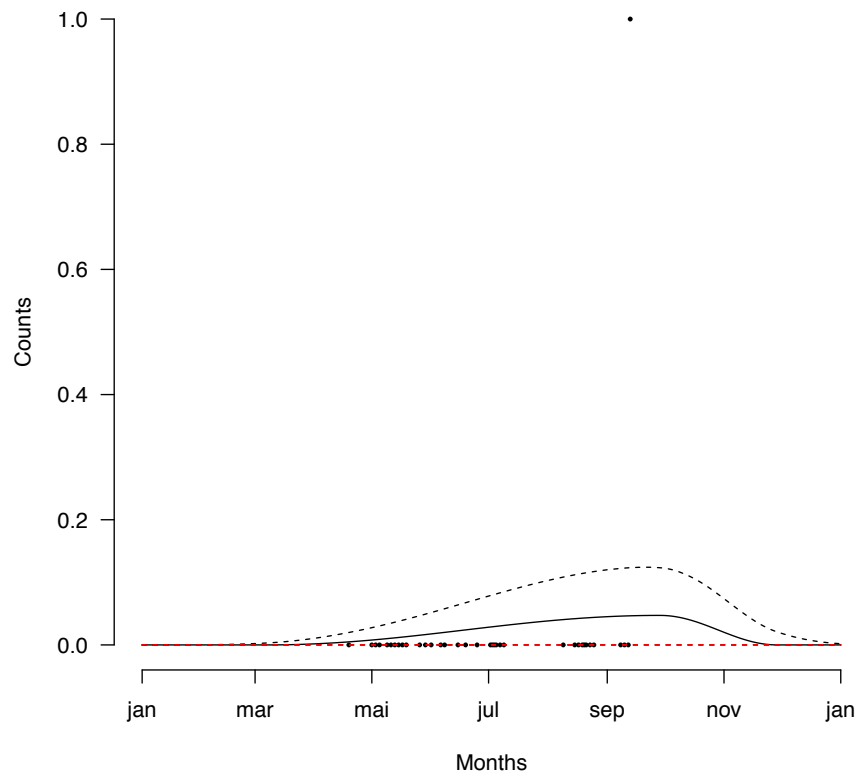
```
##
## Number of timeseries: 1
## -----
## 4#bois jolan@sainte anne-2011
## -----
## Estimation without the observed data
## Total number of counts: 12.7683 ; SD 9.3405
## Estimation taking into account the observed data
## Total number of counts: 12.6595 ; SD 8.5521
## 95% confidence interval: 1 - 29.7637
```

4#bois jolan@sainte anne-2012



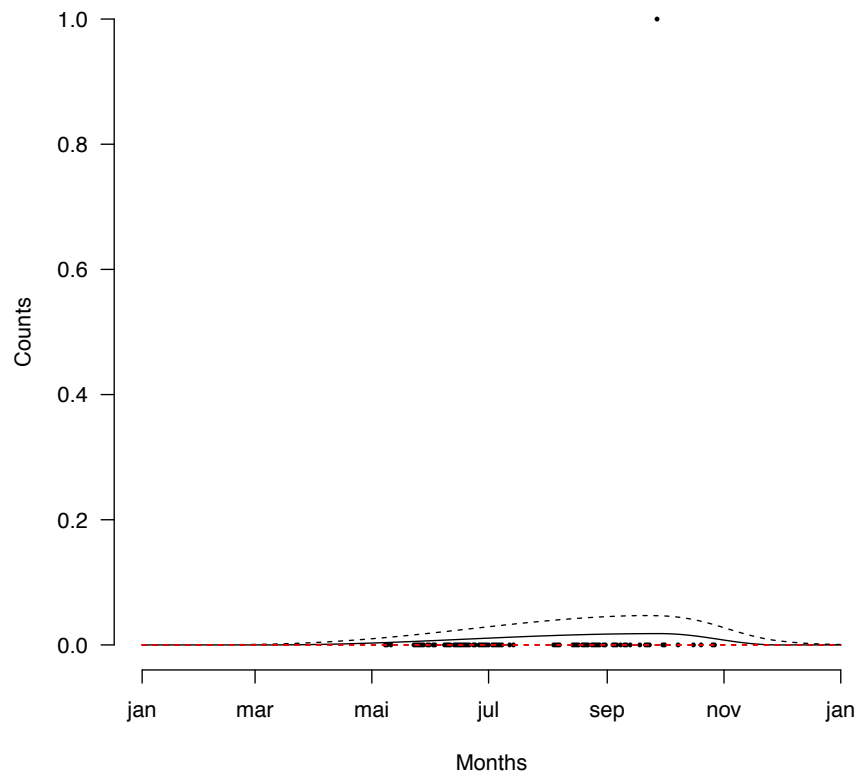
```
##
## Number of timeseries: 1
## -----
## 4#bois jolan@sainte anne-2012
## -----
## Estimation without the observed data
## Total number of counts: 3.8843 ; SD 2.7961
## Estimation taking into account the observed data
## Total number of counts: 3.7363 ; SD 1.9849
## 95% confidence interval: 1 - 7.7062
```

4#bois jolan@sainte anne-2013



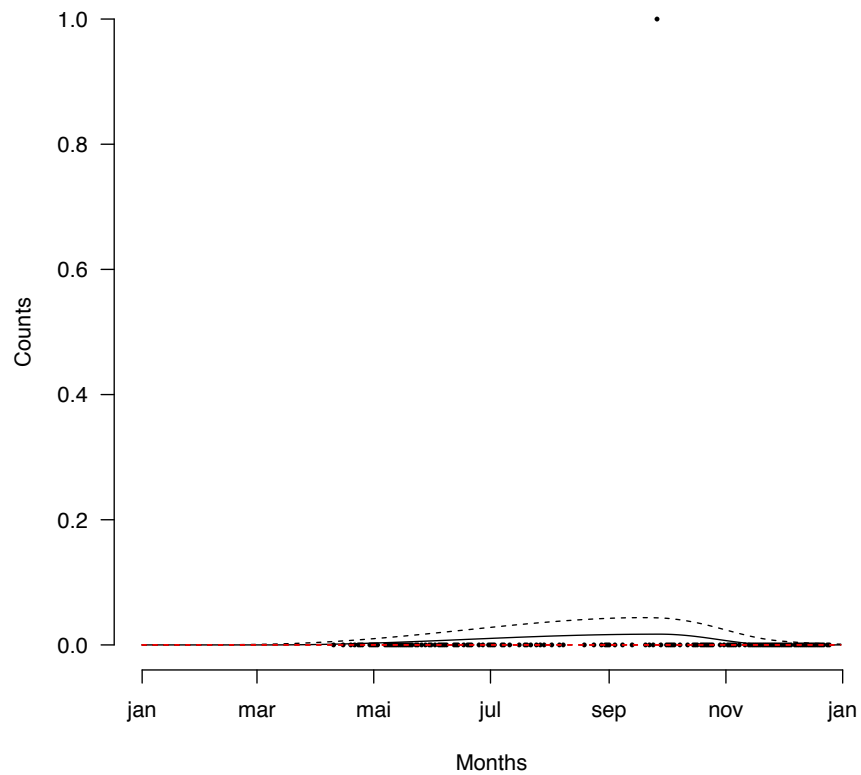
```
##
## Number of timeseries: 1
## -----
## 4#bois jolan@sainte anne-2013
## -----
## Estimation without the observed data
## Total number of counts: 7.576 ; SD 5.3197
## Estimation taking into account the observed data
## Total number of counts: 7.4179 ; SD 4.515
## 95% confidence interval: 1 - 16.4478
```

4#canot ouest@le gosier-2011



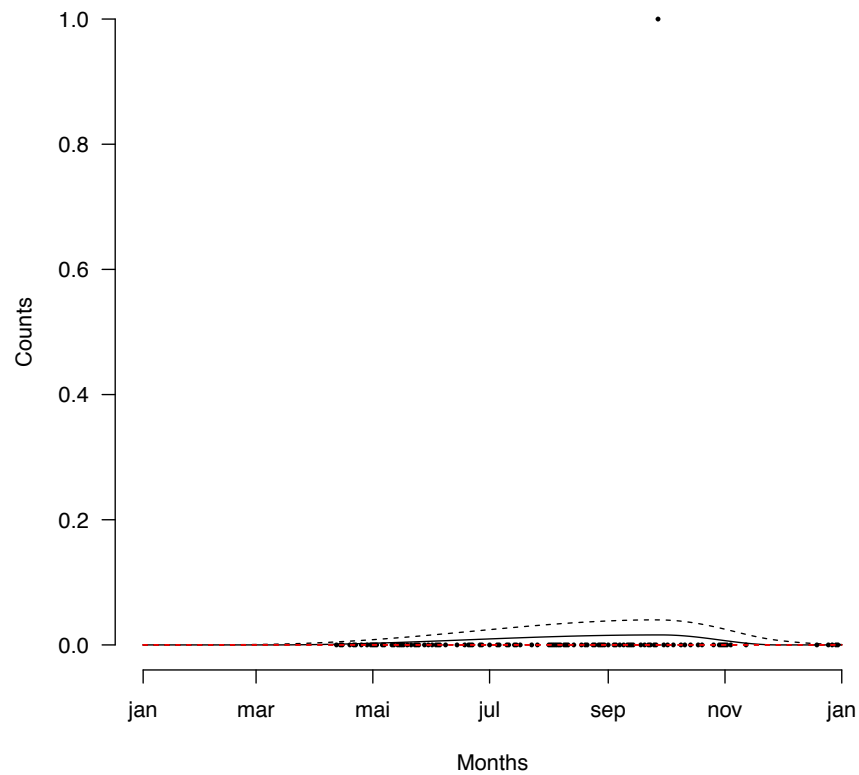
```
##
## Number of timeseries: 1
## -----
## 4#canot ouest@le gosier-2011
## -----
## Estimation without the observed data
## Total number of counts: 2.8414 ; SD 1.9648
## Estimation taking into account the observed data
## Total number of counts: 2.697 ; SD 1.1863
## 95% confidence interval: 1 - 5.0697
```

4#canot ouest@le gosier-2012



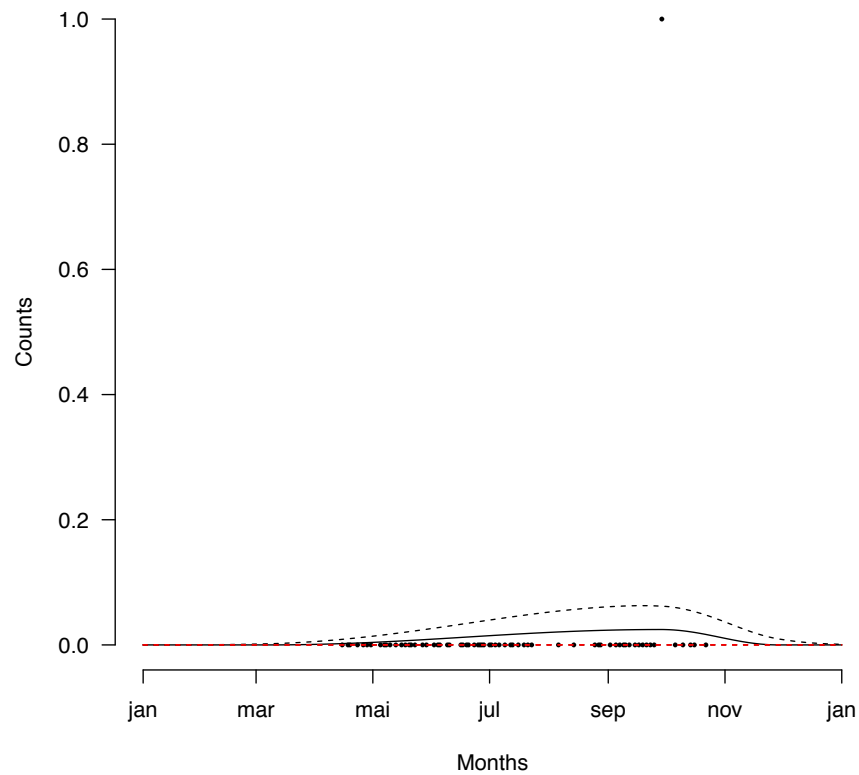
```
##
## Number of timeseries: 1
## -----
## 4#canot ouest@le gosier-2012
## -----
## Estimation without the observed data
## Total number of counts: 2.5731 ; SD 1.8269
## Estimation taking into account the observed data
## Total number of counts: 2.4482 ; SD 1.0293
## 95% confidence interval: 1 - 4.5068
```

4#canot ouest@le gosier-2013



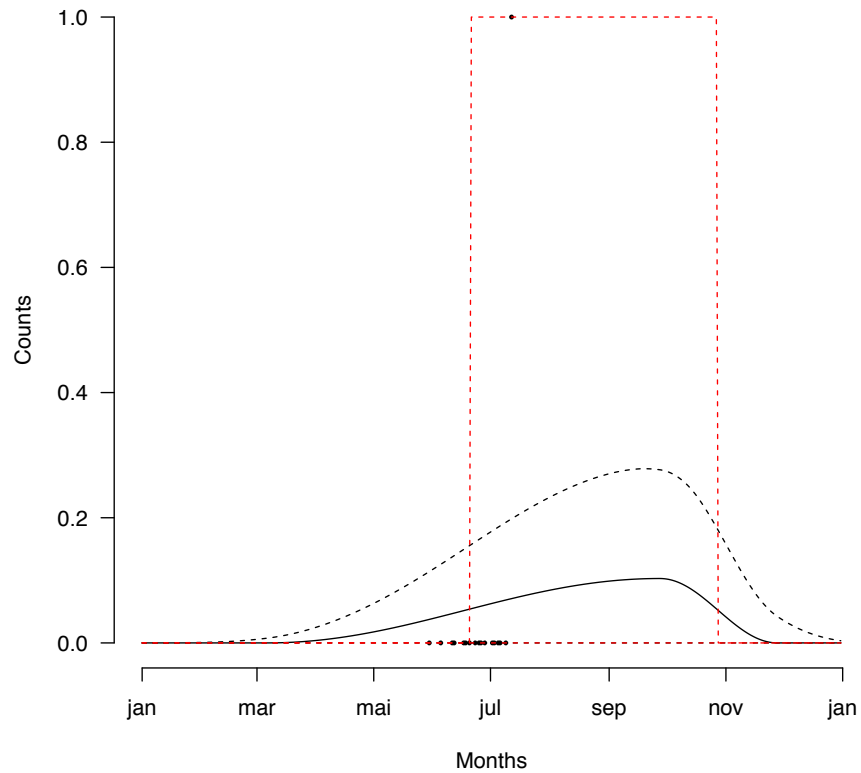
```
##
## Number of timeseries: 1
## -----
## 4#canot ouest@le gosier-2013
## -----
## Estimation without the observed data
## Total number of counts: 2.4701 ; SD 1.6483
## Estimation taking into account the observed data
## Total number of counts: 2.347 ; SD 0.9094
## 95% confidence interval: 1 - 4.1659
```

4#canot ouest@le gosier-2014



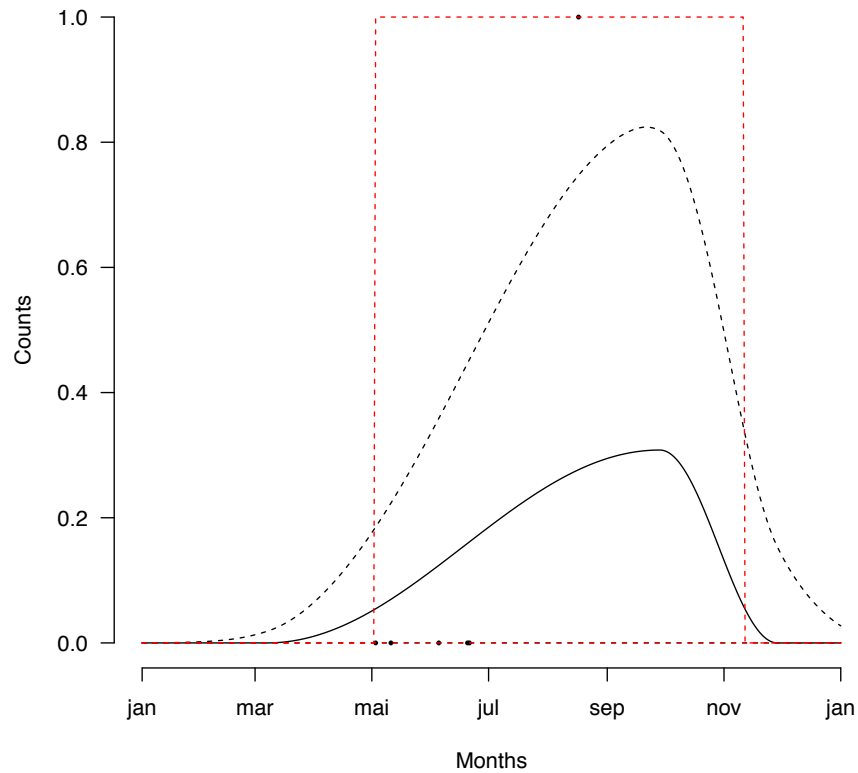
```
##
## Number of timeseries: 1
## -----
## 4#canot ouest@le gosier-2014
## -----
## Estimation without the observed data
## Total number of counts: 3.7738 ; SD 2.6377
## Estimation taking into account the observed data
## Total number of counts: 3.6671 ; SD 1.8683
## 95% confidence interval: 1 - 7.4036
```


4#ilet gosier@le gosier-2012



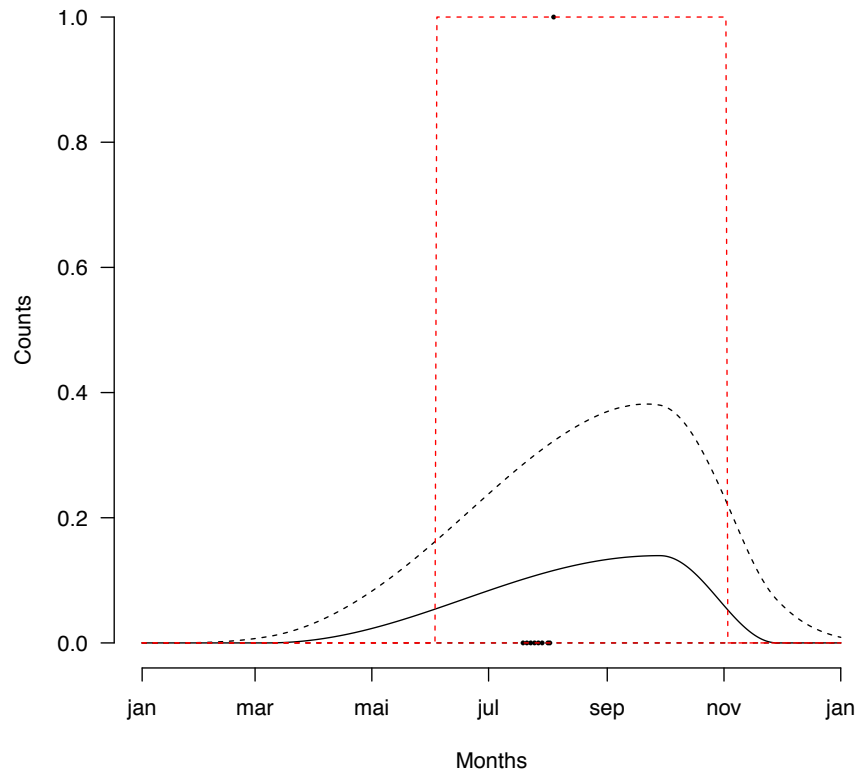
```
##
## Number of timeseries: 1
## -----
## 4#ilet gosier@le gosier-2012
## -----
## Estimation without the observed data
## Total number of counts: 16.9248 ; SD 12.1931
## Estimation taking into account the observed data
## Total number of counts: 16.7394 ; SD 11.343
## 95% confidence interval: 1 - 39.4254
```

4#ilet gosier@le gosier-2014



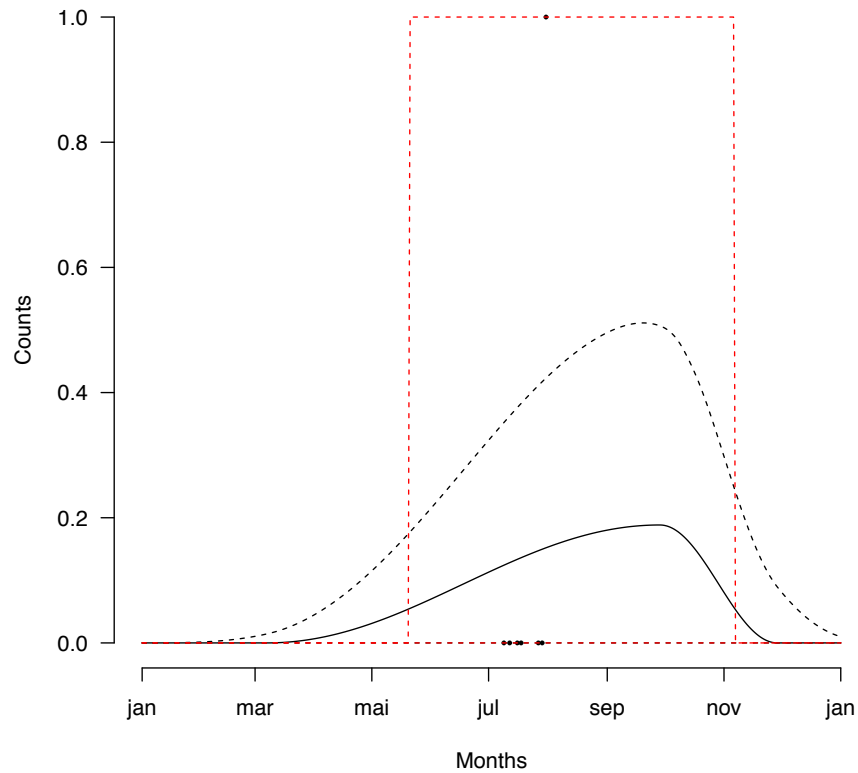
```
##
## Number of timeseries: 1
## -----
## 4#ilet gosier@le gosier-2014
## -----
## Estimation without the observed data
## Total number of counts: 51.0883 ; SD 35.6719
## Estimation taking into account the observed data
## Total number of counts: 51.0523 ; SD 34.9538
## 95% confidence interval: 1 - 120.96
```

4#km 7@saint francois-2006



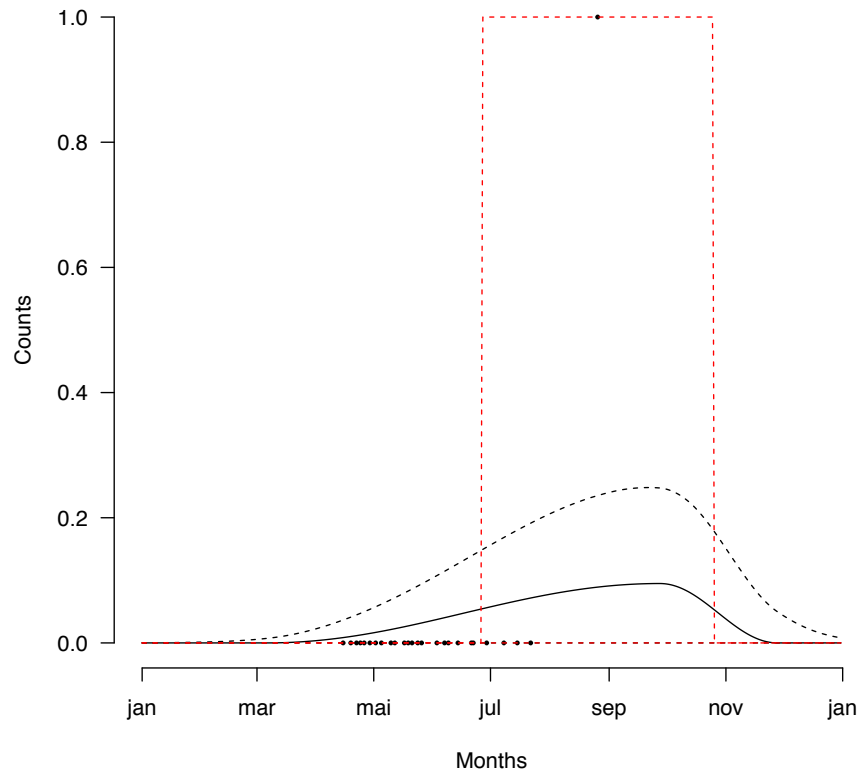
```
##
## Number of timeseries: 1
## -----
## 4#km 7@saint francois-2006
## -----
## Estimation without the observed data
## Total number of counts: 23.1902 ; SD 16.7293
## Estimation taking into account the observed data
## Total number of counts: 22.9839 ; SD 15.8737
## 95% confidence interval: 1 - 54.7314
```

4#km 7@saint francois-2007



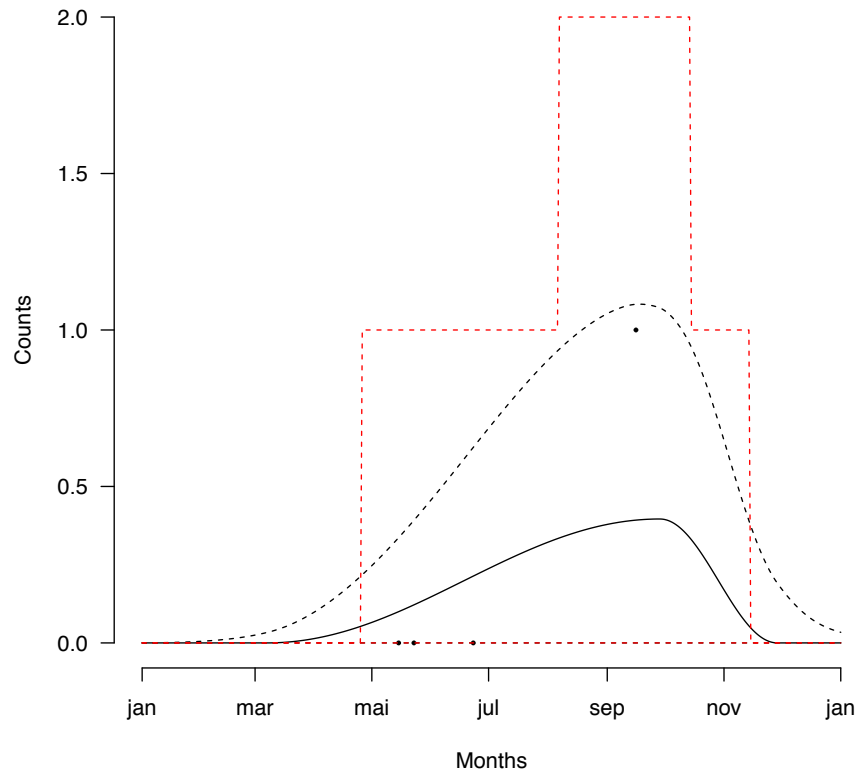
```
##
## Number of timeseries: 1
## -----
## 4#km 7@saint francois-2007
## -----
## Estimation without the observed data
## Total number of counts: 30.3985 ; SD 22.3759
## Estimation taking into account the observed data
## Total number of counts: 30.2391 ; SD 21.5246
## 95% confidence interval: 1 - 73.2883
```

4#km 7@saint francois-2008



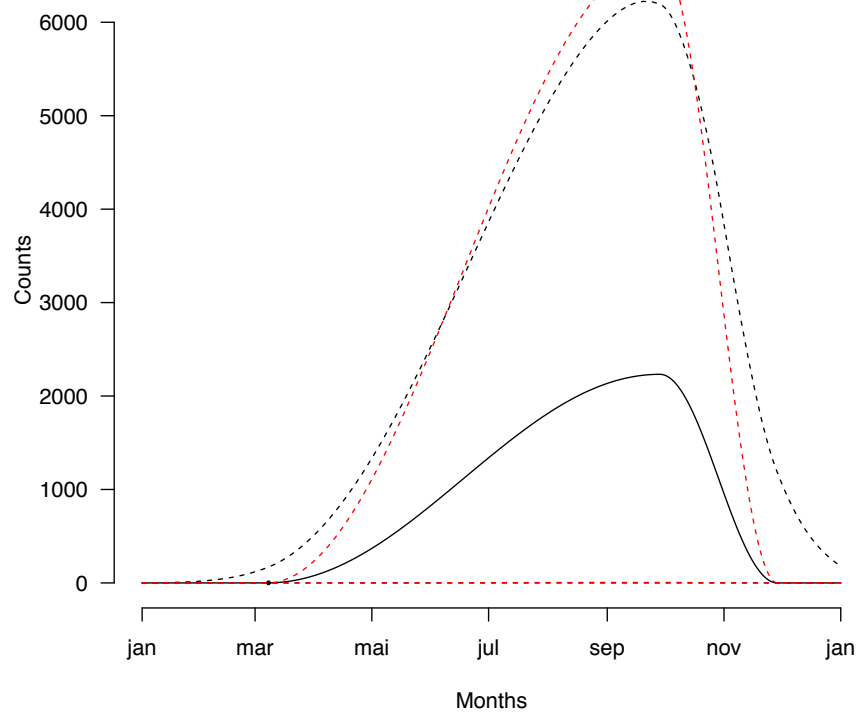
```
##
## Number of timeseries: 1
## -----
## 4#km 7@saint francois-2008
## -----
## Estimation without the observed data
## Total number of counts: 15.3461 ; SD 10.6606
## Estimation taking into account the observed data
## Total number of counts: 15.2417 ; SD 9.9157
## 95% confidence interval: 1 - 35.0732
```

4#km 7@saint francois-2009



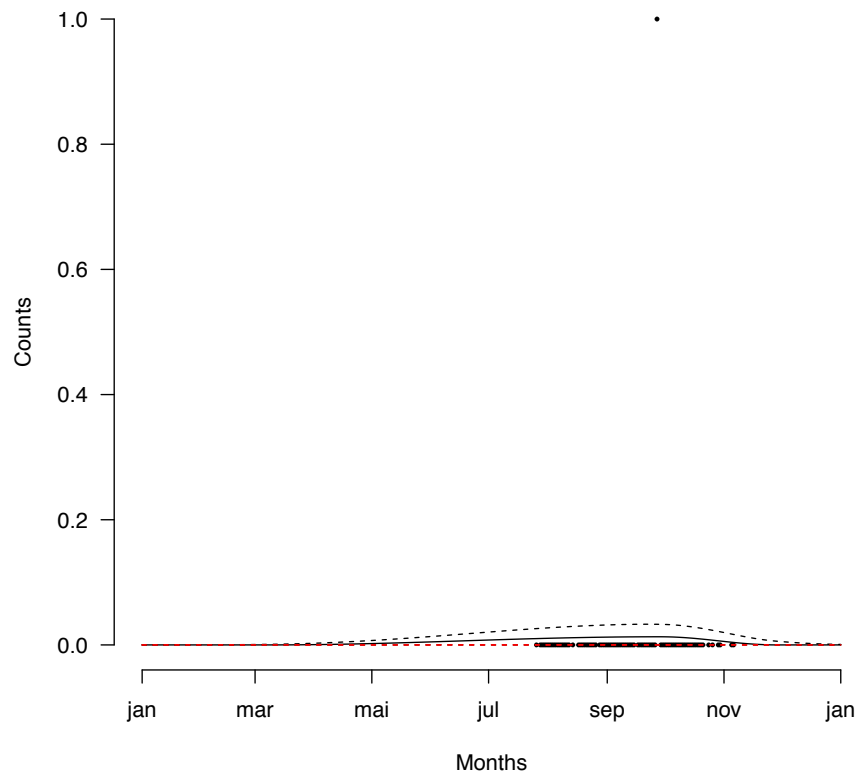
```
##
## Number of timeseries: 1
## -----
## 4#km 7@saint francois-2009
## -----
## Estimation without the observed data
## Total number of counts: 64.9073 ; SD 47.6874
## Estimation taking into account the observed data
## Total number of counts: 64.8983 ; SD 46.9451
## 95% confidence interval: 1 - 158.7884
```

4#km 7@saint francois-2010



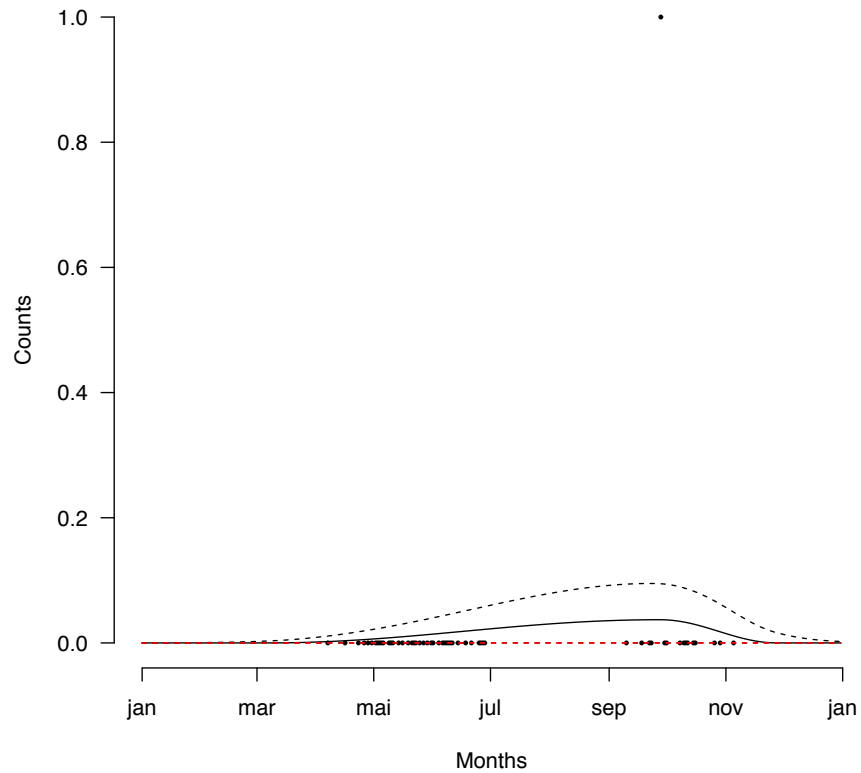
```
##
## Number of timeseries: 1
## -----
## 4#km 7@saint francois-2010
## -----
## Estimation without the observed data
## Total number of counts: 391907.7411 ; SD 274645.1641
## Estimation taking into account the observed data
## Total number of counts: 391873.8025 ; SD 274620.2802
## 95% confidence interval: 1 - 941114.363
```

4#km 7@saint francois-2011



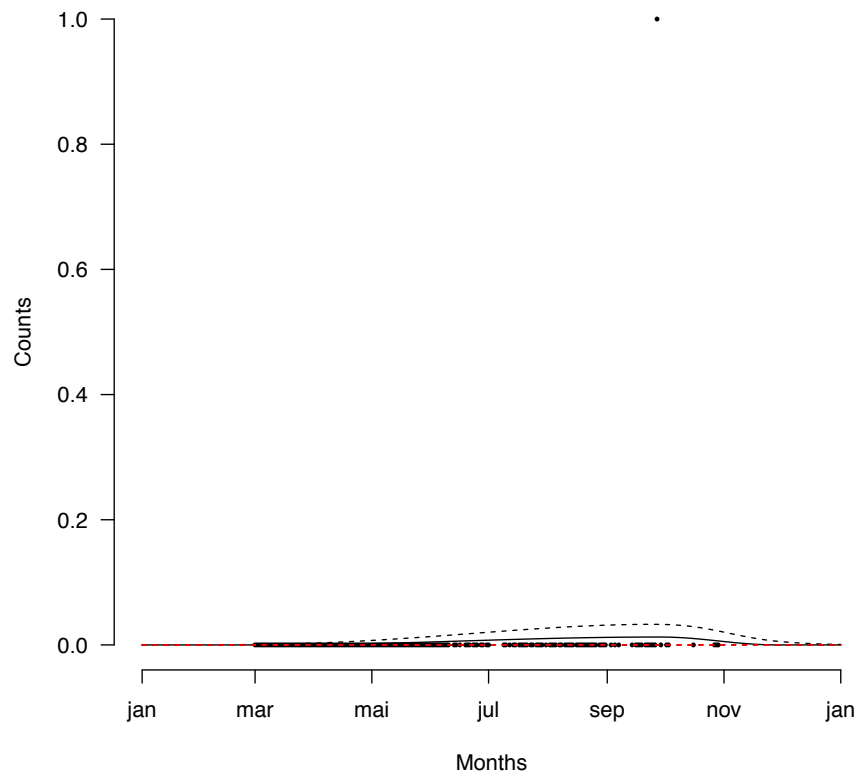
```
##
## Number of timeseries: 1
## -----
## 4#km 7@saint francois-2011
## -----
## Estimation without the observed data
## Total number of counts: 1.9783 ; SD 1.3815
## Estimation taking into account the observed data
## Total number of counts: 1.8794 ; SD 0.634
## 95% confidence interval: 1 - 3.1475
```


4#km 7@saint francois-2012



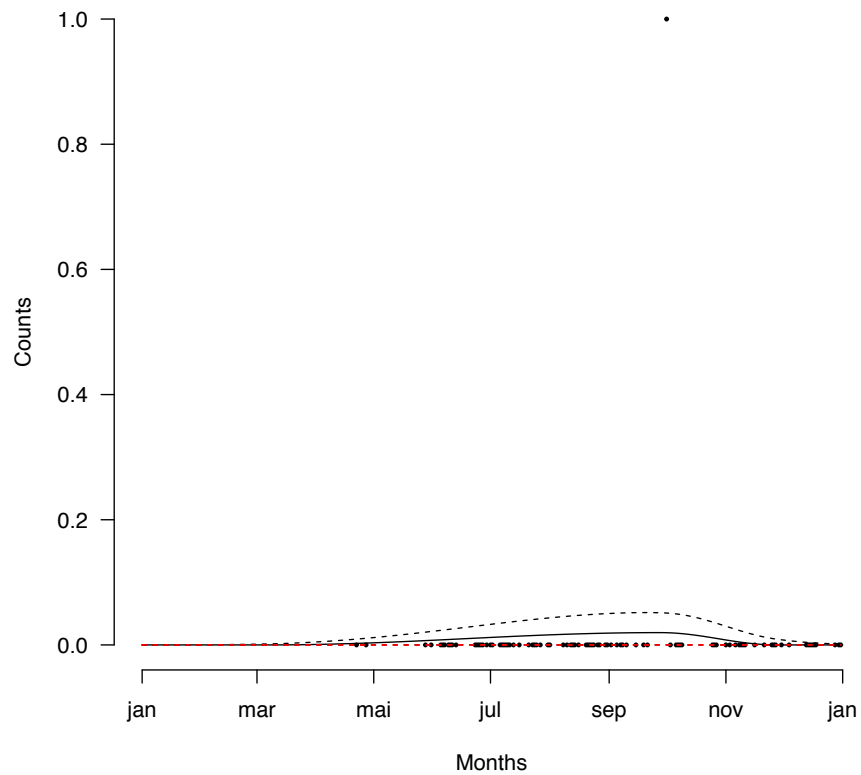
```
##
## Number of timeseries: 1
## -----
## 4#km 7@saint francois-2012
## -----
## Estimation without the observed data
## Total number of counts: 5.6488 ; SD 4.0132
## Estimation taking into account the observed data
## Total number of counts: 5.5791 ; SD 3.2531
## 95% confidence interval: 1 - 12.0853
```

4#km 7@saint francois-2014



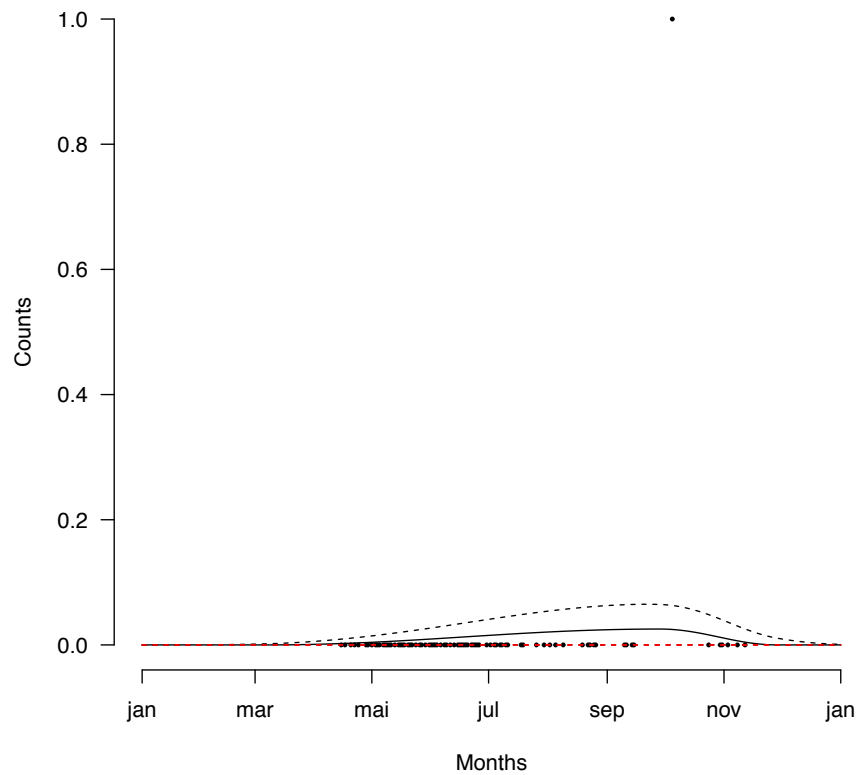
```
##
## Number of timeseries: 1
## -----
## 4#km 7@saint francois-2014
## -----
## Estimation without the observed data
## Total number of counts: 2.045 ; SD 1.3976
## Estimation taking into account the observed data
## Total number of counts: 1.8629 ; SD 0.6273
## 95% confidence interval: 1 - 3.1176
```

4#la caravelle@sainte anne-2012



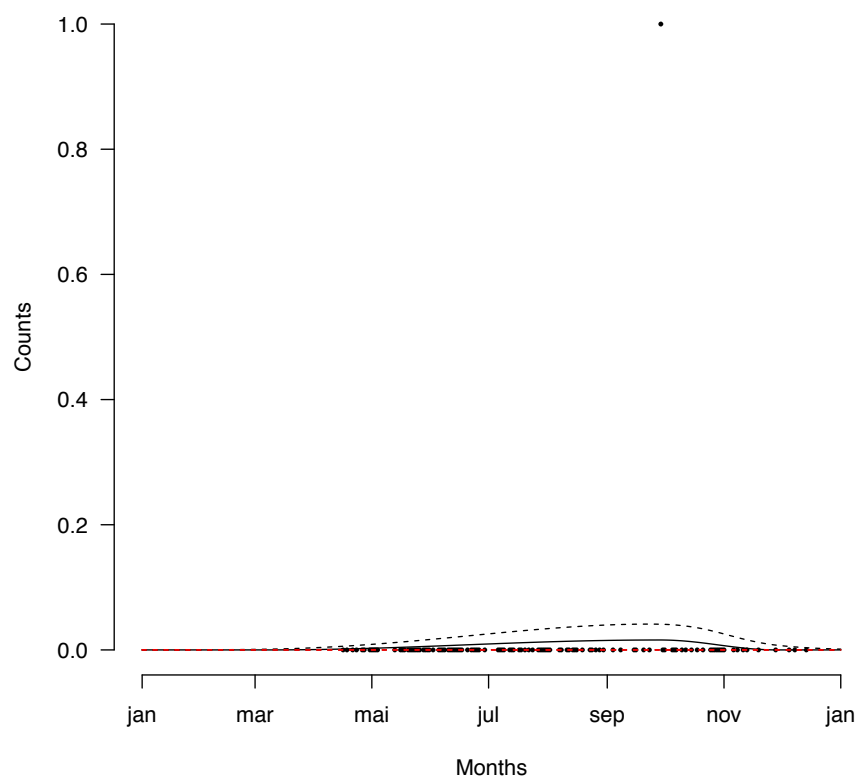
```
##
## Number of timeseries: 1
## -----
## 4#la caravelle@sainte anne-2012
## -----
## Estimation without the observed data
## Total number of counts: 3.0625 ; SD 2.2346
## Estimation taking into account the observed data
## Total number of counts: 2.9072 ; SD 1.3984
## 95% confidence interval: 1 - 5.704
```

4#la caravelle@sainte anne-2013



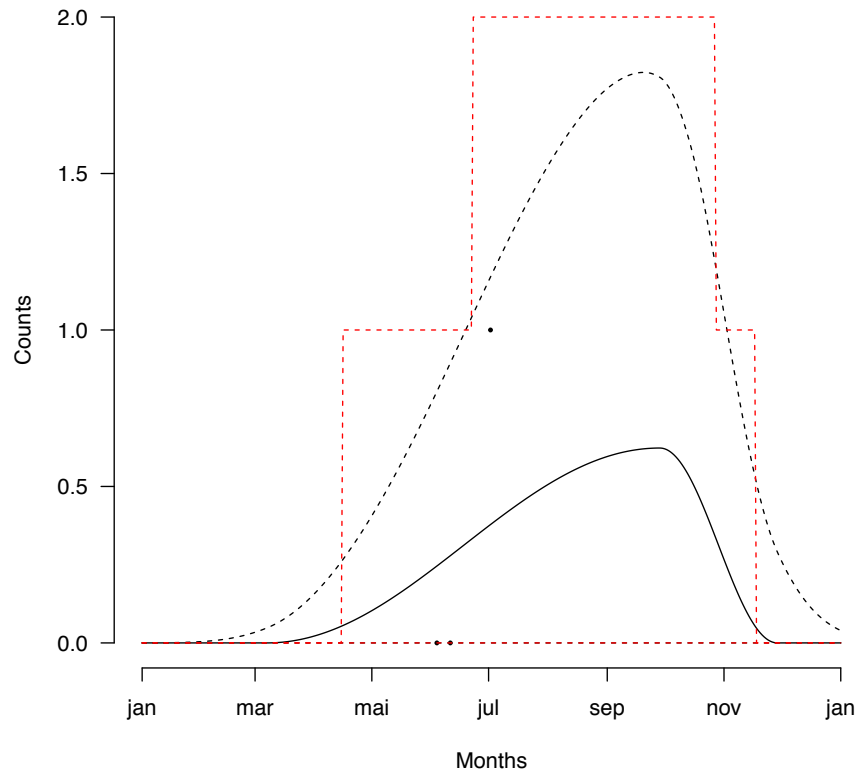
```
##
## Number of timeseries: 1
## -----
## 4#la caravelle@sainte anne-2013
## -----
## Estimation without the observed data
## Total number of counts: 4.0184 ; SD 2.7544
## Estimation taking into account the observed data
## Total number of counts: 3.8684 ; SD 1.9681
## 95% confidence interval: 1 - 7.8047
```

4#la caravelle@sainte anne-2014



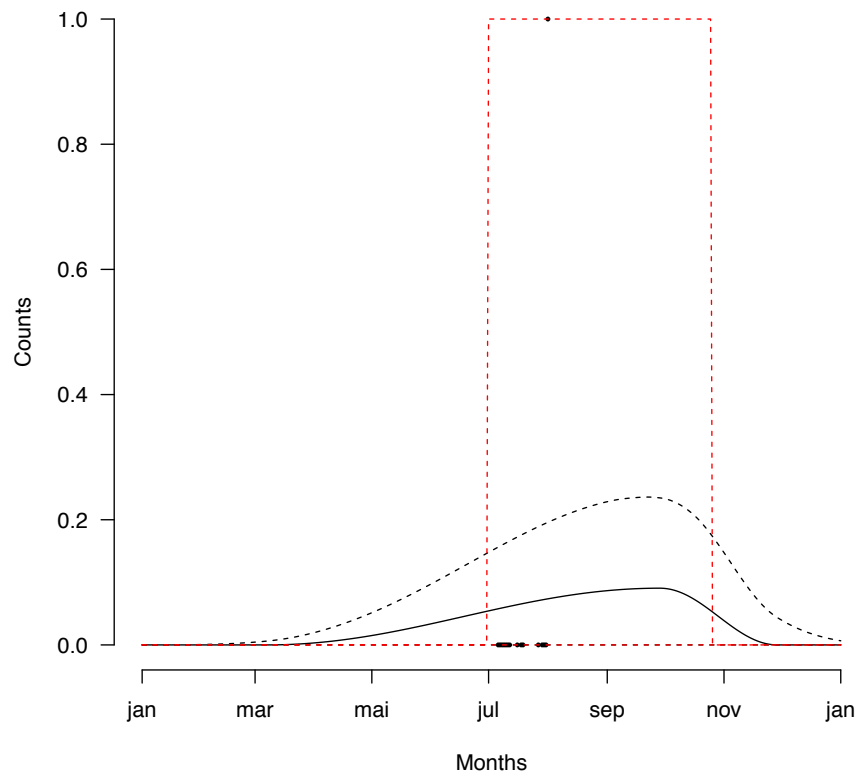
```
##
## Number of timeseries: 1
## -----
## 4#la caravelle@sainte anne-2014
## -----
## Estimation without the observed data
## Total number of counts: 2.5105 ; SD 1.7575
## Estimation taking into account the observed data
## Total number of counts: 2.3573 ; SD 0.9535
## 95% confidence interval: 1 - 4.2643
```

4#la datcha@le gosier-2014



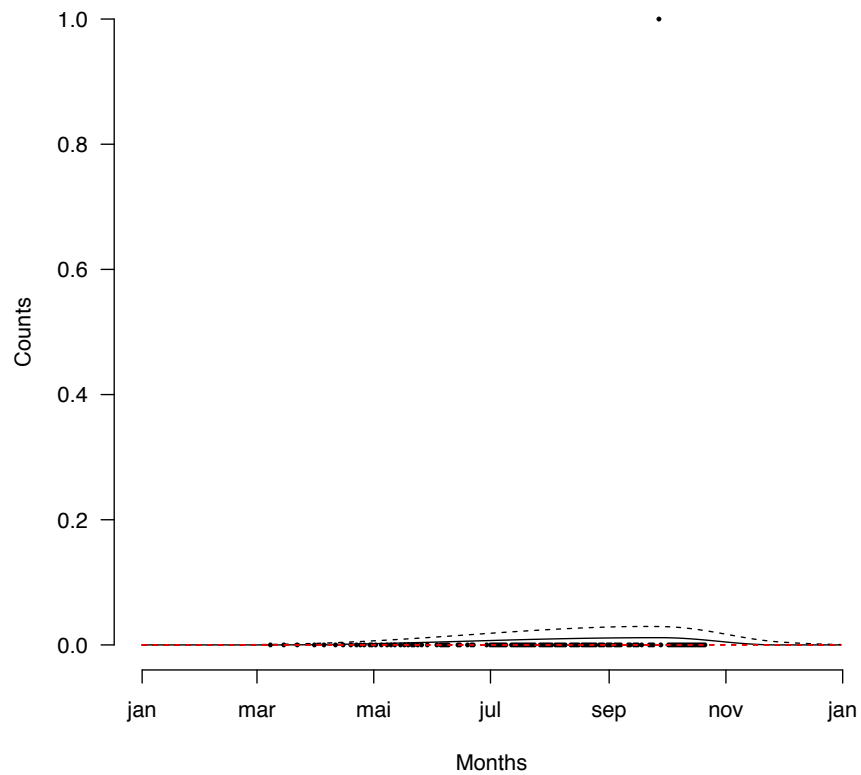
```
##
## Number of timeseries: 1
## -----
## 4#la datcha@le gosier-2014
## -----
## Estimation without the observed data
## Total number of counts: 109.9886 ; SD 83.1571
## Estimation taking into account the observed data
## Total number of counts: 109.7915 ; SD 82.2376
## 95% confidence interval: 1 - 274.2667
```

4#la grotte@saint francois-2007



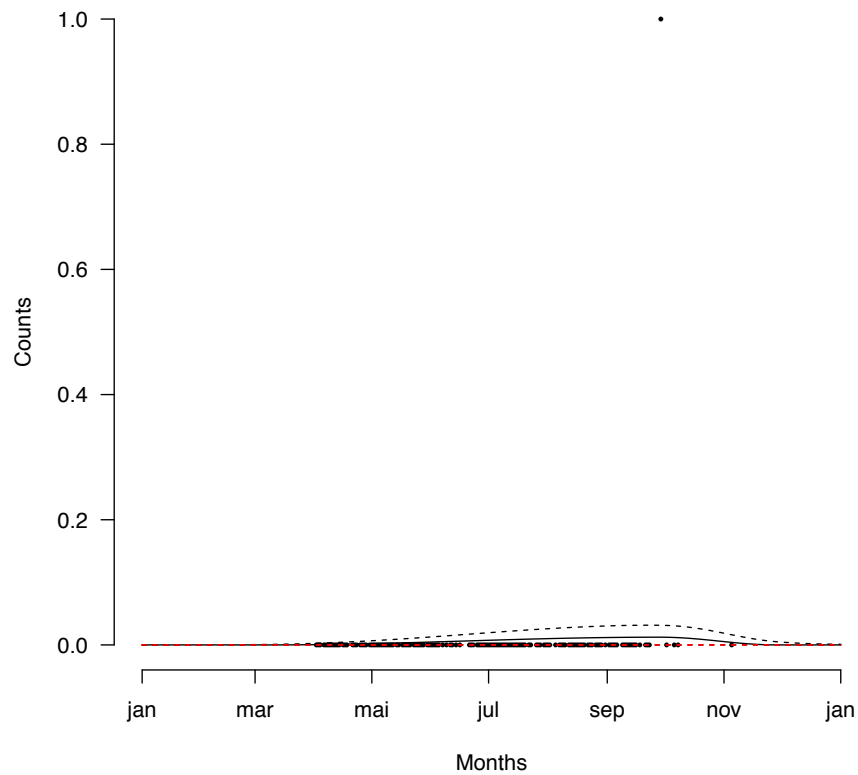
```
##
## Number of timeseries: 1
## -----
## 4#la grotte@saint francois-2007
## -----
## Estimation without the observed data
## Total number of counts: 14.6328 ; SD 10.1513
## Estimation taking into account the observed data
## Total number of counts: 14.4566 ; SD 9.3634
## 95% confidence interval: 1 - 33.1835
```

4#la grotte@saint francois-2008



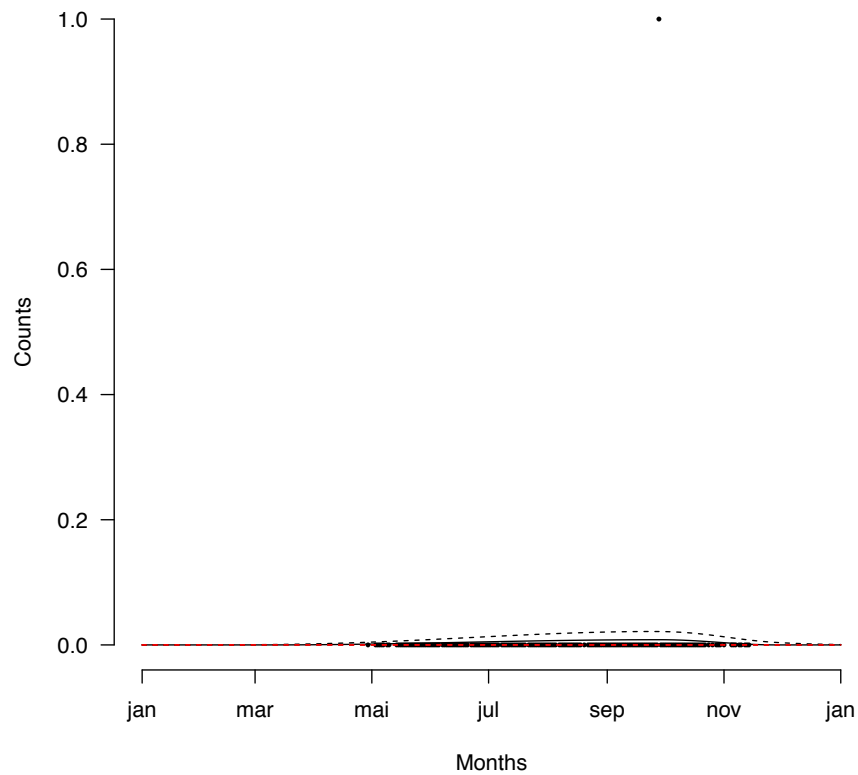
```
##
## Number of timeseries: 1
## -----
## 4#la grotte@saint francois-2008
## -----
## Estimation without the observed data
## Total number of counts: 1.8131 ; SD 1.2362
## Estimation taking into account the observed data
## Total number of counts: 1.6805 ; SD 0.4799
## 95% confidence interval: 1 - 2.6403
```


4#la grotte@saint francois-2009



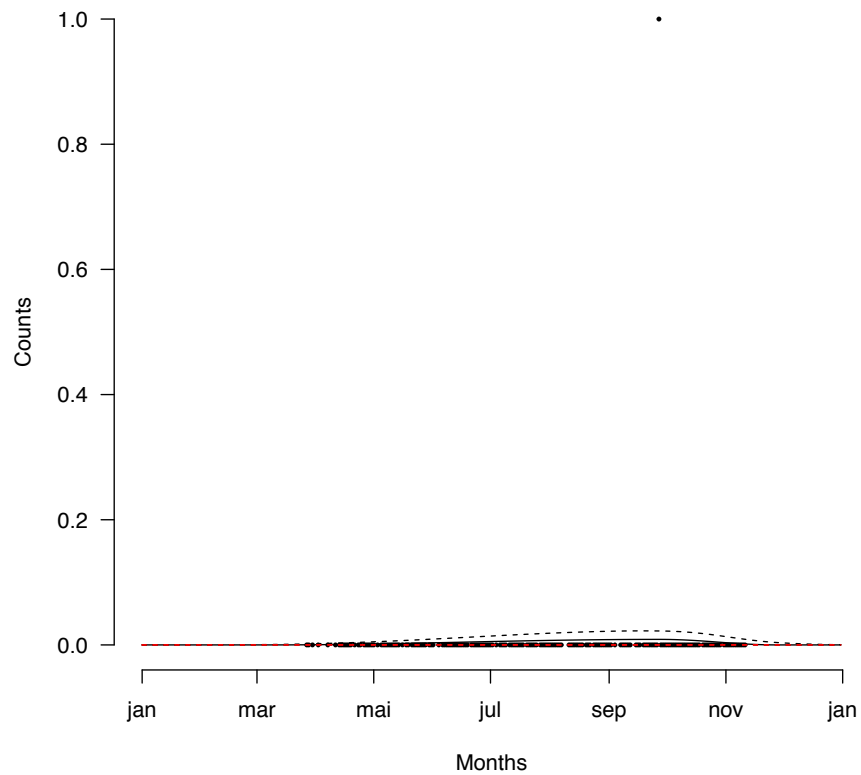
```
##
## Number of timeseries: 1
## -----
## 4#la grotte@saint francois-2009
## -----
## Estimation without the observed data
## Total number of counts: 1.9156 ; SD 1.3103
## Estimation taking into account the observed data
## Total number of counts: 1.7854 ; SD 0.5673
## 95% confidence interval: 1 - 2.92
```

4#la grotte@saint francois-2011



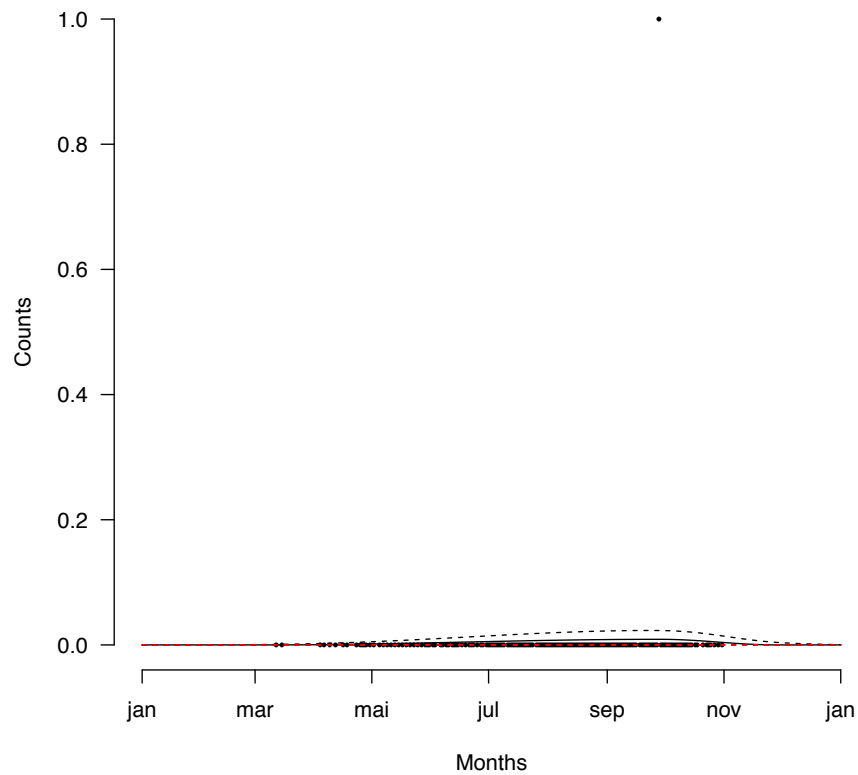
```
##
## Number of timeseries: 1
## -----
## 4#la grotte@saint francois-2011
## -----
## Estimation without the observed data
## Total number of counts: 1.2868 ; SD 0.9057
## Estimation taking into account the observed data
## Total number of counts: 1.1623 ; SD 0.1372
## 95% confidence interval: 1 - 1.4367
```

4#la grotte@saint francois-2012



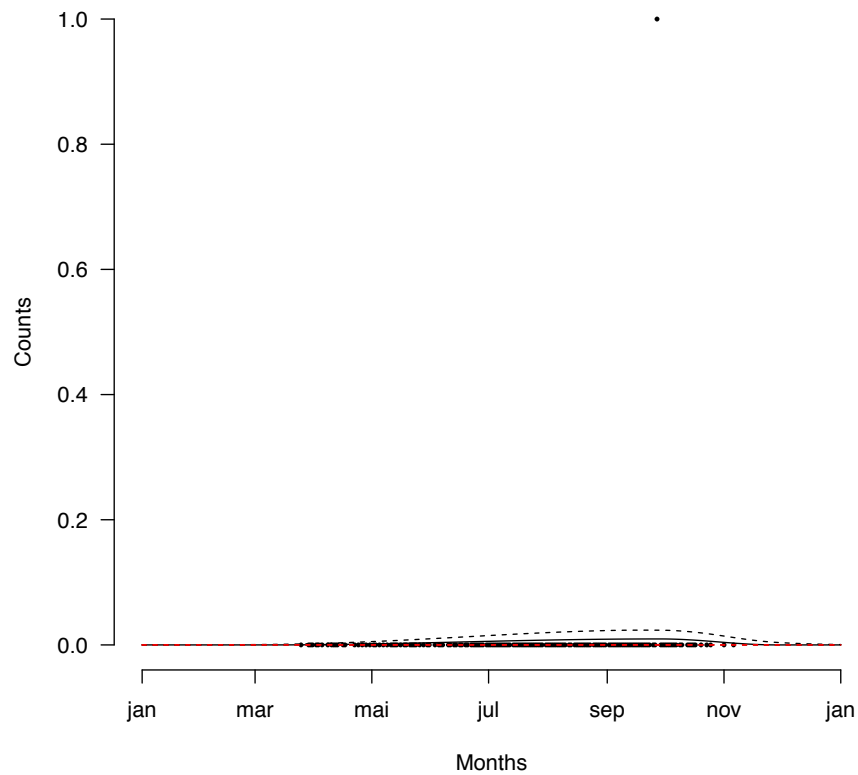
```
##
## Number of timeseries: 1
## -----
## 4#la grotte@saint francois-2012
## -----
## Estimation without the observed data
## Total number of counts: 1.3165 ; SD 0.9448
## Estimation taking into account the observed data
## Total number of counts: 1.2277 ; SD 0.1734
## 95% confidence interval: 1 - 1.5745
```

4#la grotte@saint francois-2013



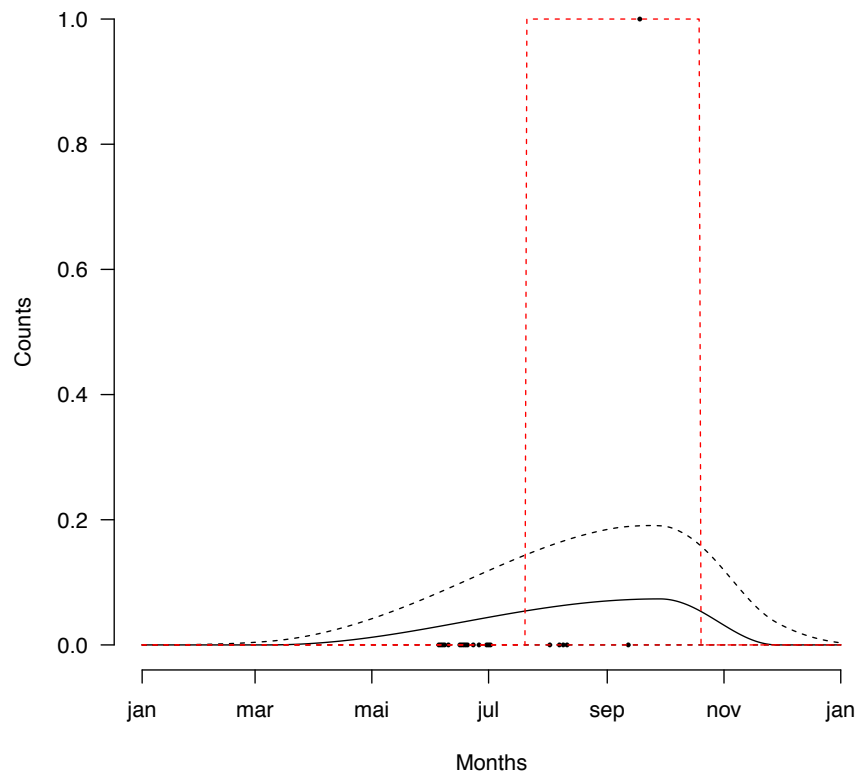
```
##
## Number of timeseries: 1
## -----
## 4#la grotte@saint francois-2013
## -----
## Estimation without the observed data
## Total number of counts: 1.456 ; SD 0.9796
## Estimation taking into account the observed data
## Total number of counts: 1.2796 ; SD 0.215
## 95% confidence interval: 1 - 1.7097
```

4#la grotte@saint francois-2014



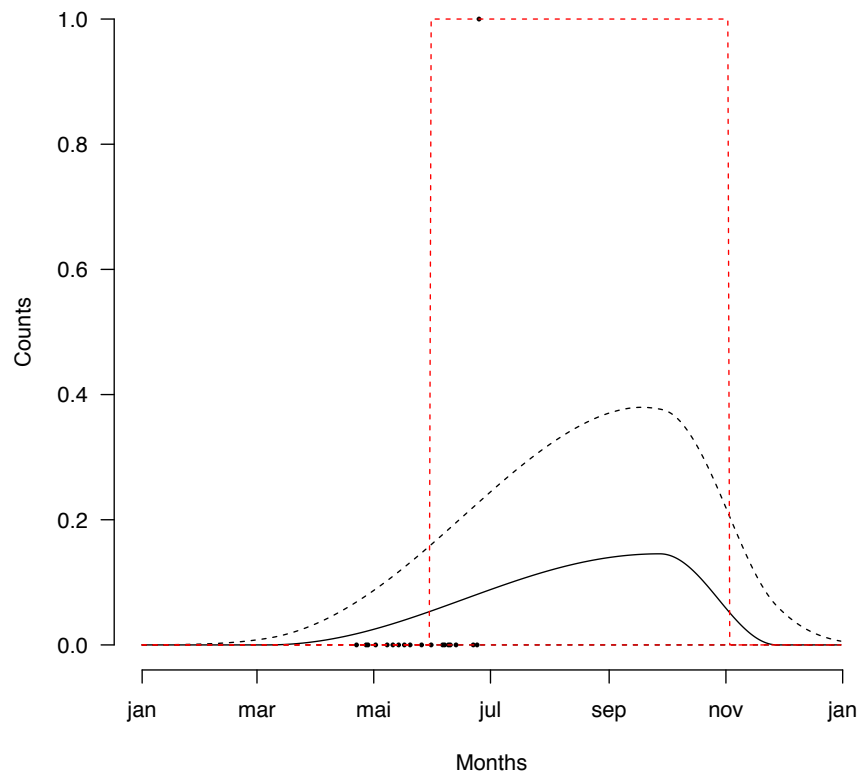
```
##
## Number of timeseries: 1
## -----
## 4#la grotte@saint francois-2014
## -----
## Estimation without the observed data
## Total number of counts: 1.4881 ; SD 0.9696
## Estimation taking into account the observed data
## Total number of counts: 1.3514 ; SD 0.2539
## 95% confidence interval: 1 - 1.8591
```

4#le helleux (gros sable)@sainte anne-2013



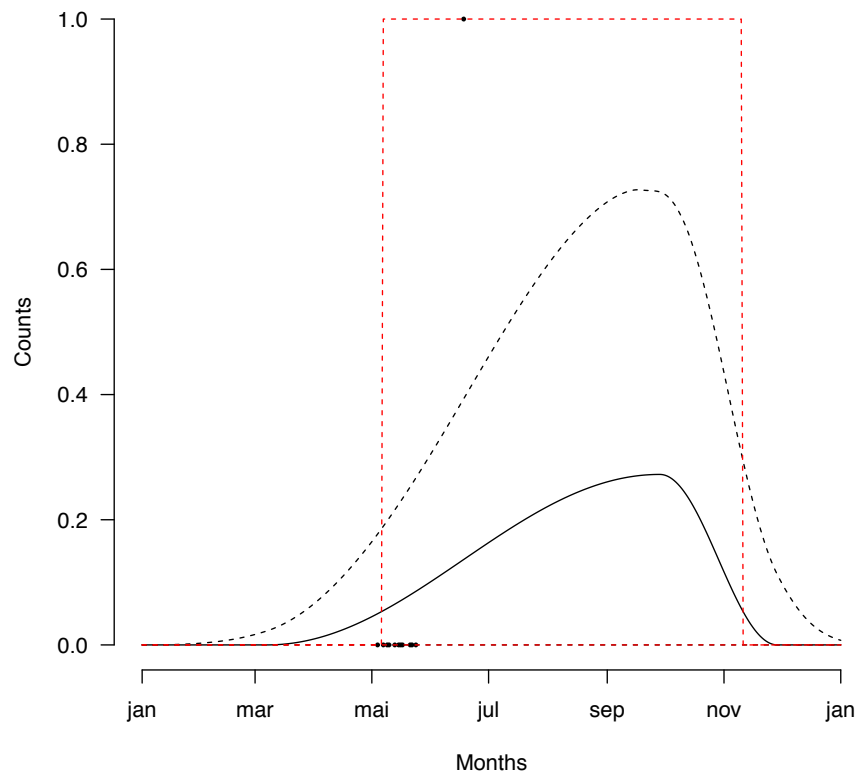
```
##
## Number of timeseries: 1
## -----
## 4#le helleux (gros sable)@sainte anne-2013
## -----
## Estimation without the observed data
## Total number of counts: 11.8551 ; SD 8.1352
## Estimation taking into account the observed data
## Total number of counts: 11.7375 ; SD 7.3815
## 95% confidence interval: 1 - 26.5005
```

4#les galbas@sainte anne-2012



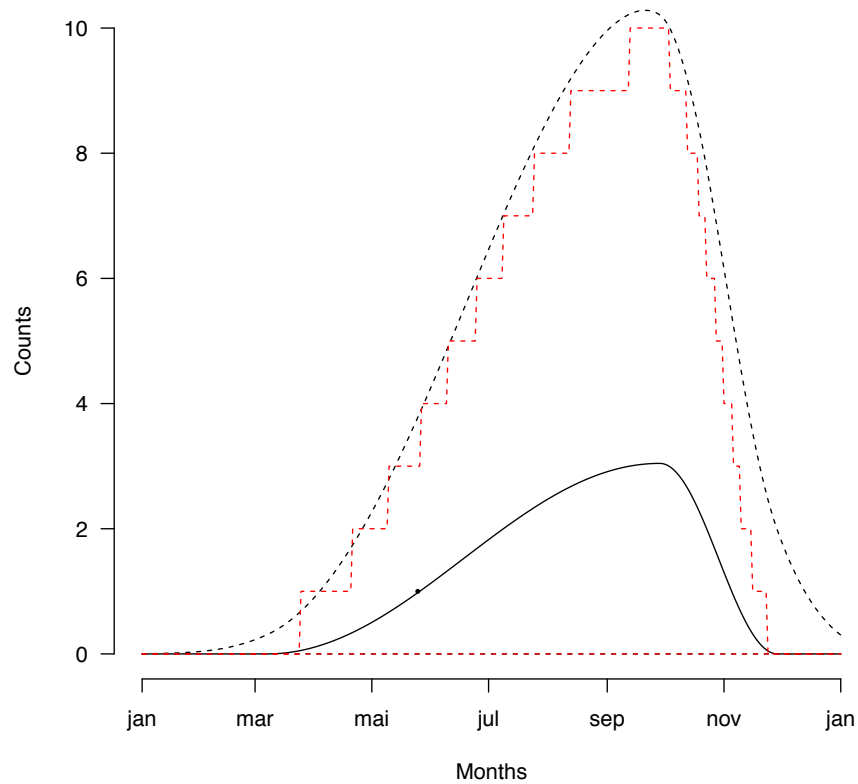
```
##
## Number of timeseries: 1
## -----
## 4#les galbas@sainte anne-2012
## -----
## Estimation without the observed data
## Total number of counts: 23.6974 ; SD 16.3942
## Estimation taking into account the observed data
## Total number of counts: 23.5413 ; SD 15.5748
## 95% confidence interval: 1 - 54.691
```

4#les galbas@sainte anne-2013



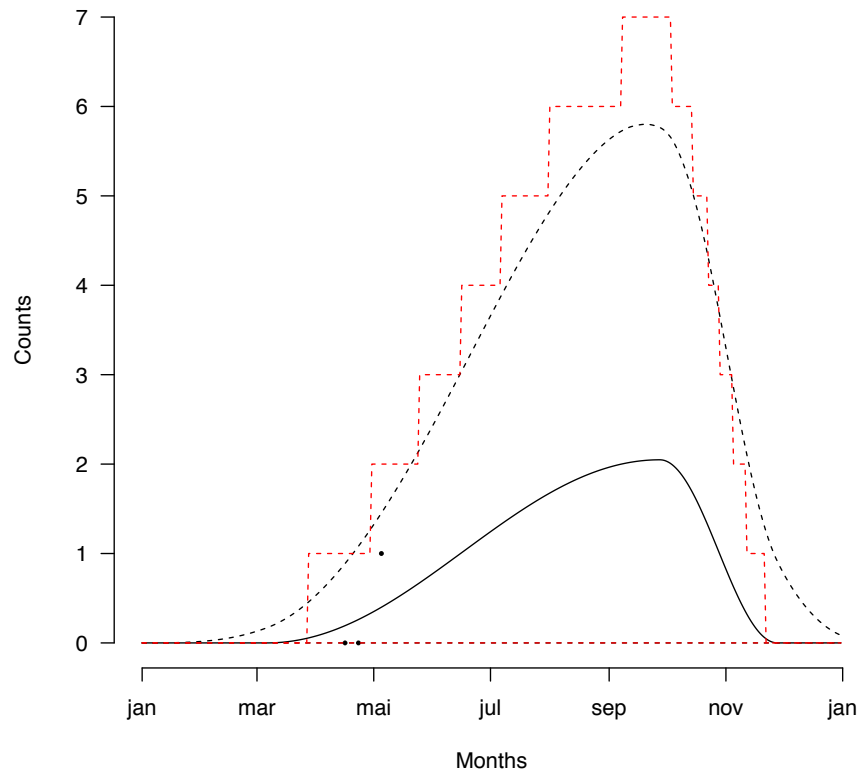
```
##
## Number of timeseries: 1
## -----
## 4#les galbas@sainte anne-2013
## -----
## Estimation without the observed data
## Total number of counts: 44.0915 ; SD 31.871
## Estimation taking into account the observed data
## Total number of counts: 43.9928 ; SD 31.054
## 95% confidence interval: 1 - 106.1007
```


4#petit havre@le gosier-2011



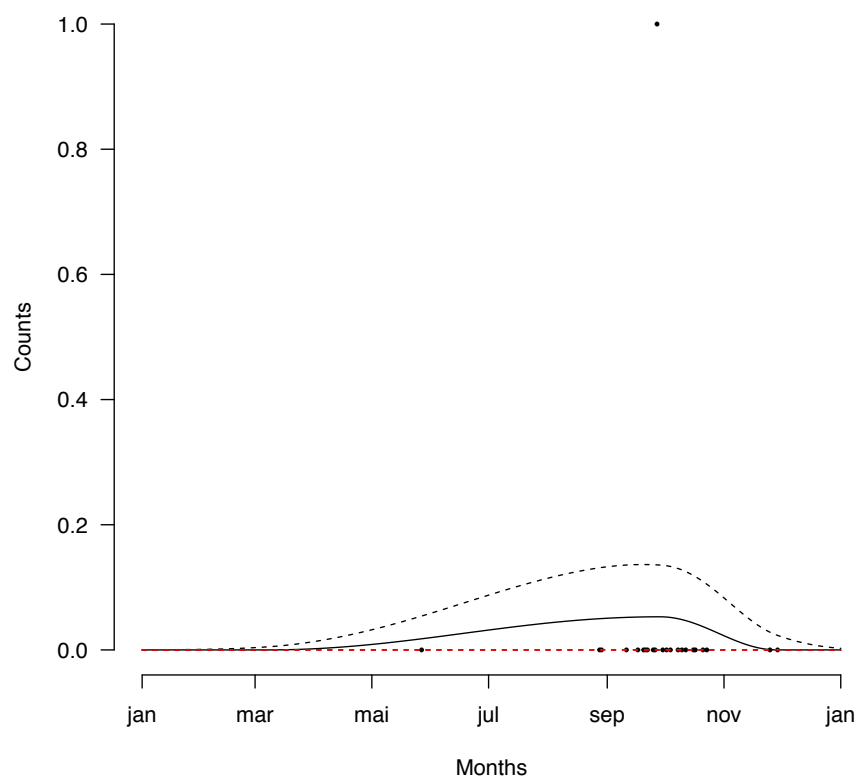
```
##
## Number of timeseries: 1
## -----
## 4#petit havre@le gosier-2011
## -----
## Estimation without the observed data
## Total number of counts: 645.0049 ; SD 502.1712
## Estimation taking into account the observed data
## Total number of counts: 644.4389 ; SD 500.9298
## 95% confidence interval: 1 - 1646.2984
```

4#petit havre@le gosier-2012



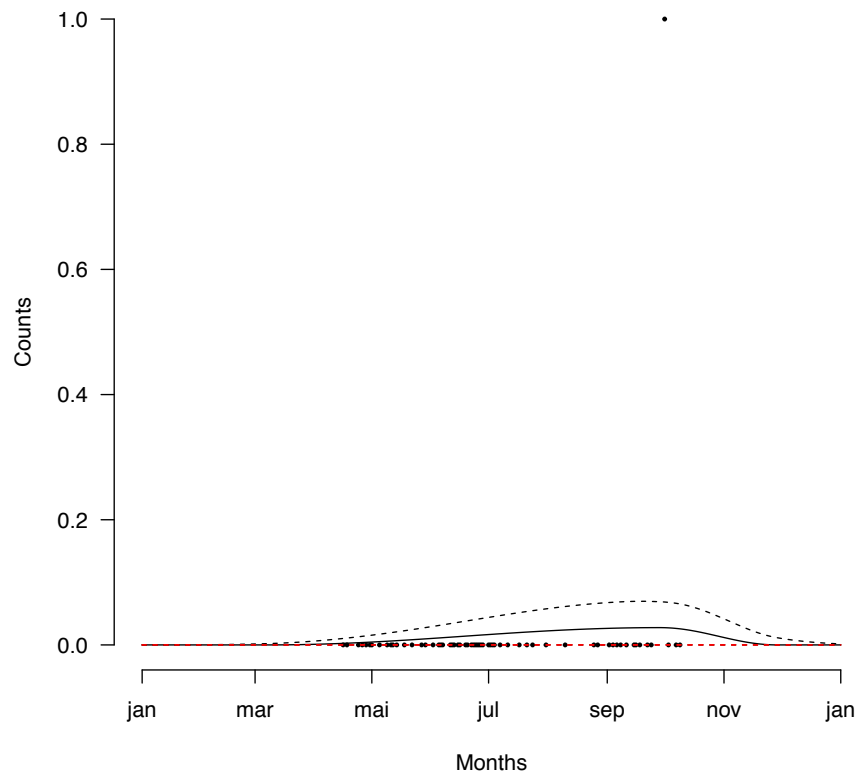
```
##
## Number of timeseries: 1
## -----
## 4#petit havre@le gosier-2012
## -----
## Estimation without the observed data
## Total number of counts: 359.3192 ; SD 255.3144
## Estimation taking into account the observed data
## Total number of counts: 359.1208 ; SD 254.4093
## 95% confidence interval: 1 - 867.9394
```

4#petit havre@le gosier-2013



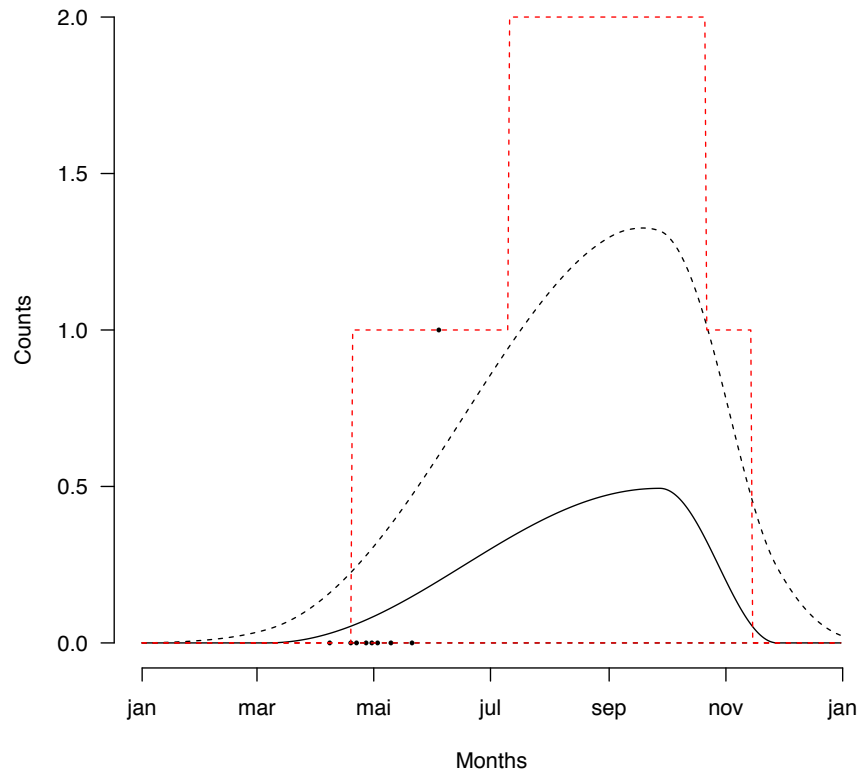
```
##
## Number of timeseries: 1
## -----
## 4#petit havre@le gosier-2013
## -----
## Estimation without the observed data
## Total number of counts: 8.4044 ; SD 5.8993
## Estimation taking into account the observed data
## Total number of counts: 8.2967 ; SD 5.1442
## 95% confidence interval: 1 - 18.5851
```

4#petit havre@le gosier-2014



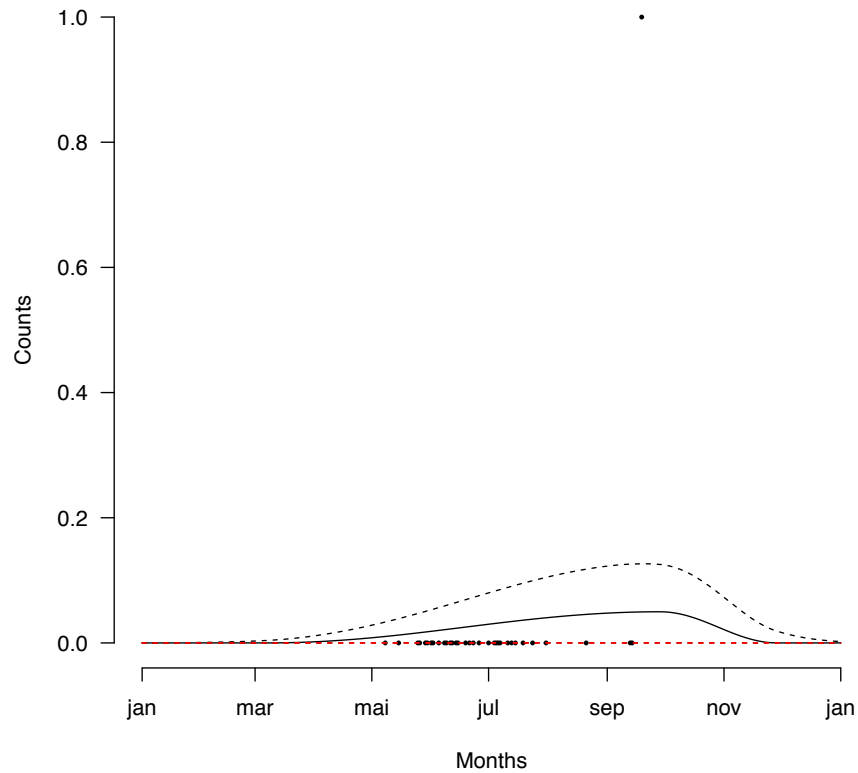
```
##
## Number of timeseries: 1
## -----
## 4#petit havre@le gosier-2014
## -----
## Estimation without the observed data
## Total number of counts: 4.2413 ; SD 2.9314
## Estimation taking into account the observed data
## Total number of counts: 4.1425 ; SD 2.1782
## 95% confidence interval: 1 - 8.4989
```

4#plage des salines@le gosier-2008



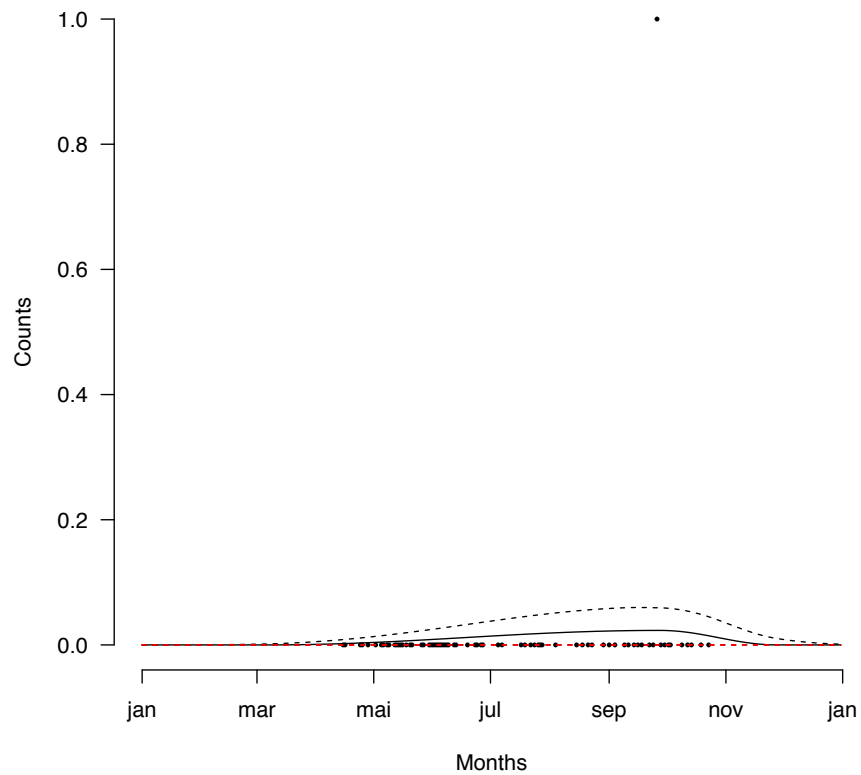
```
##
## Number of timeseries: 1
## -----
## 4#plage des salines@le gosier-2008
## -----
## Estimation without the observed data
## Total number of counts: 82.0865 ; SD 58.6525
## Estimation taking into account the observed data
## Total number of counts: 81.9487 ; SD 57.8111
## 95% confidence interval: 1 - 197.5709
```

4#plage des salines@le gosier-2011



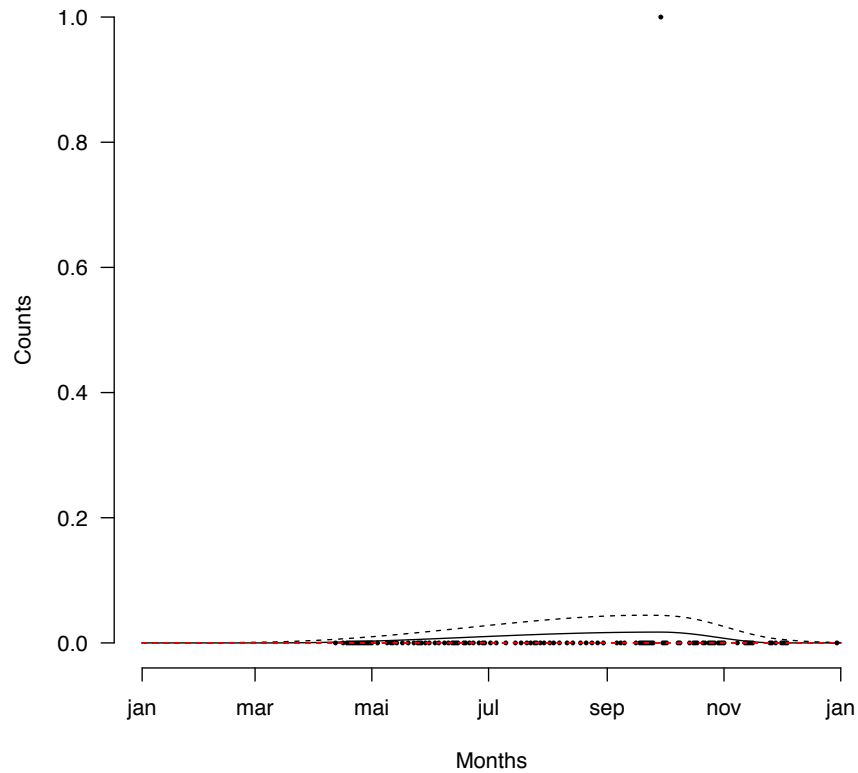
```
##
## Number of timeseries: 1
## -----
## 4#plage des salines@le gosier-2011
## -----
## Estimation without the observed data
## Total number of counts: 7.6705 ; SD 5.3049
## Estimation taking into account the observed data
## Total number of counts: 7.5721 ; SD 4.5419
## 95% confidence interval: 1 - 16.6559
```

4#plage des salines@le gosier-2012



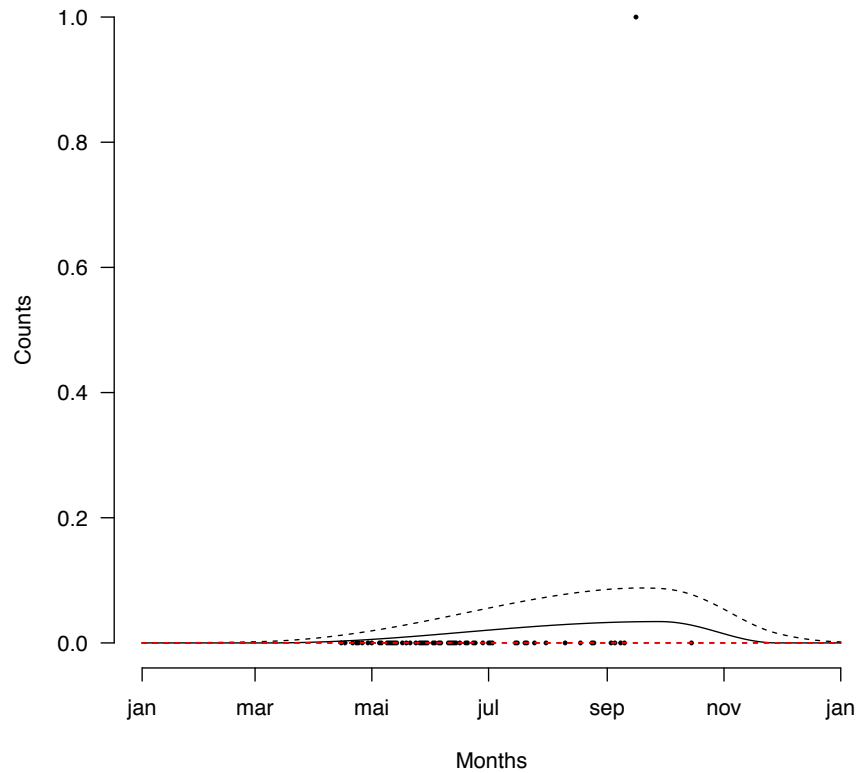
```
##
## Number of timeseries: 1
## -----
## 4#plage des salines@le gosier-2012
## -----
## Estimation without the observed data
## Total number of counts: 3.6086 ; SD 2.545
## Estimation taking into account the observed data
## Total number of counts: 3.4931 ; SD 1.768
## 95% confidence interval: 1 - 7.0291
```

4#plage des salines@le gosier-2013



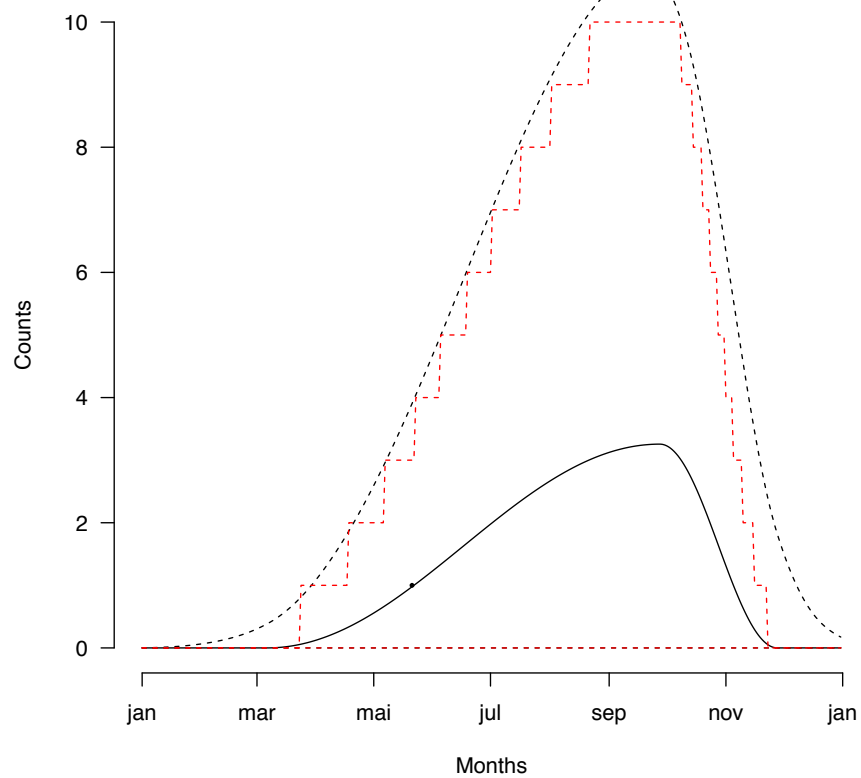
```
##
## Number of timeseries: 1
## -----
## 4#plage des salines@le gosier-2013
## -----
## Estimation without the observed data
## Total number of counts: 2.7116 ; SD 1.8811
## Estimation taking into account the observed data
## Total number of counts: 2.5588 ; SD 1.0811
## 95% confidence interval: 1 - 4.721
```


4#plage des salines@le gosier-2014



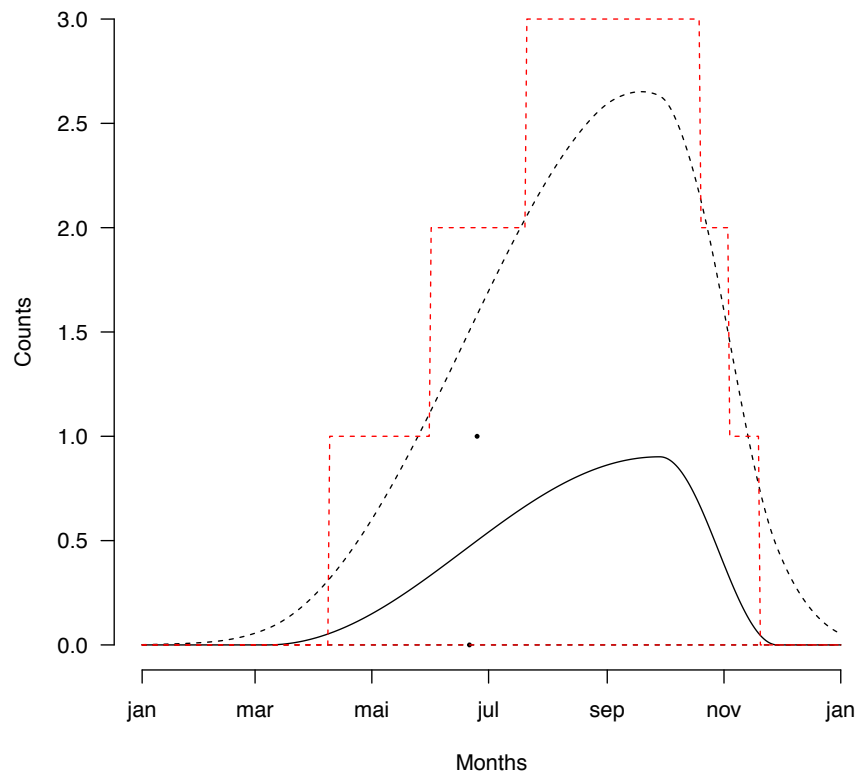
```
##
## Number of timeseries: 1
## -----
## 4#plage des salines@le gosier-2014
## -----
## Estimation without the observed data
## Total number of counts: 5.3928 ; SD 3.7763
## Estimation taking into account the observed data
## Total number of counts: 5.2628 ; SD 2.9913
## 95% confidence interval: 1 - 11.2454
```

4#pointe cannot est@le gosier-2008



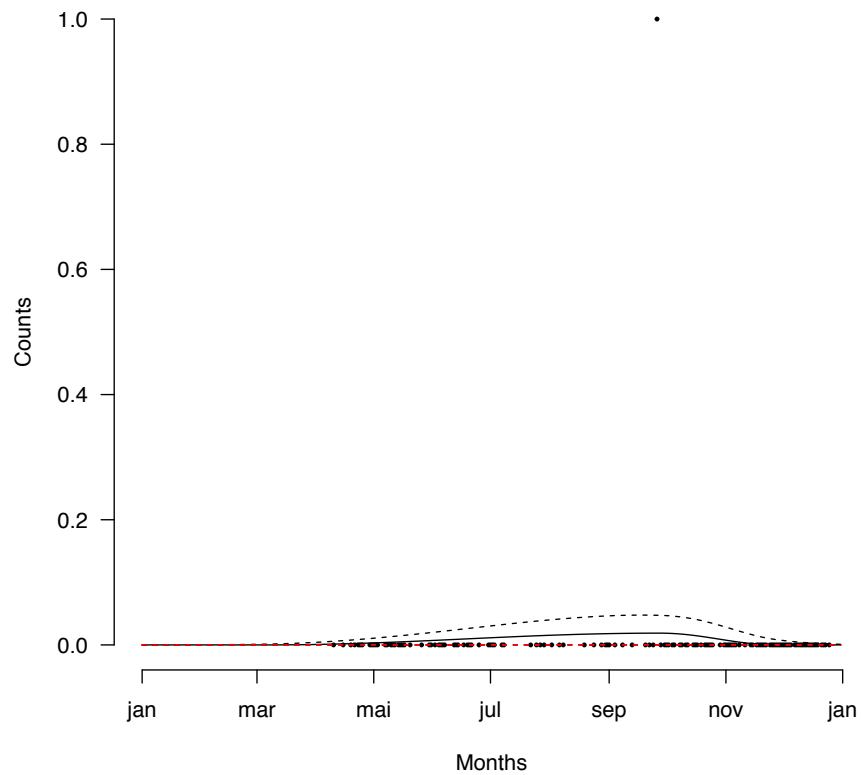
```
##
## Number of timeseries: 1
## -----
## 4#pointe cannot est@le gosier-2008
## -----
## Estimation without the observed data
## Total number of counts: 706.7285 ; SD 526.3891
## Estimation taking into account the observed data
## Total number of counts: 706.1106 ; SD 525.1233
## 95% confidence interval: 1 - 1756.3572
```

4#pointe cannot est@le gosier-2011



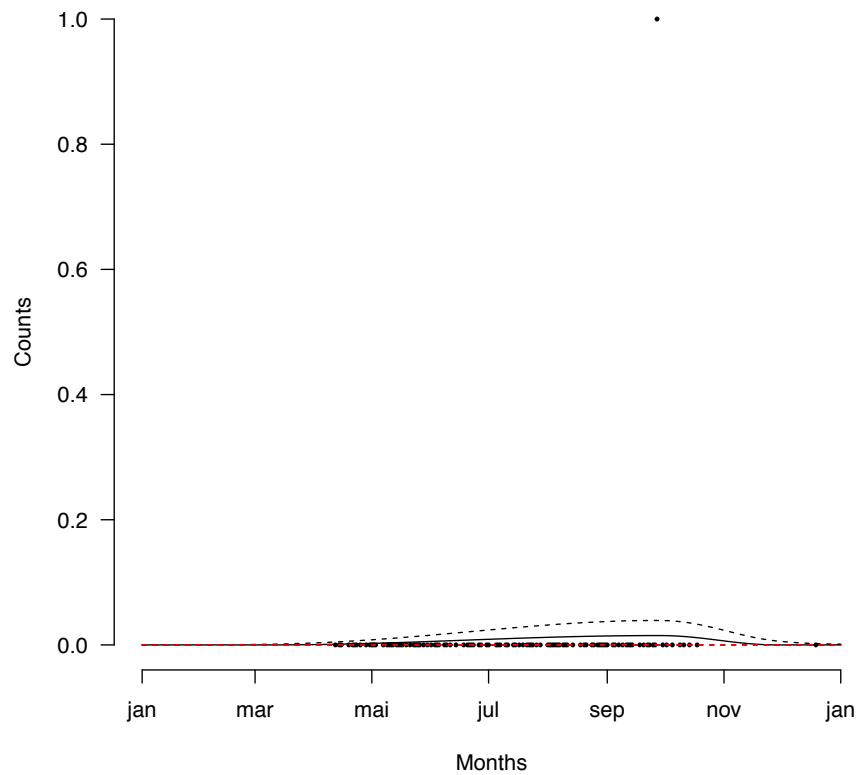
```
##
## Number of timeseries: 1
## -----
## 4#pointe cannot est@le gosier-2011
## -----
## Estimation without the observed data
## Total number of counts: 167.2836 ; SD 121.5415
## Estimation taking into account the observed data
## Total number of counts: 166.946 ; SD 120.5482
## 95% confidence interval: 1 - 408.0425
```

4#pointe cannot est@le gosier-2012



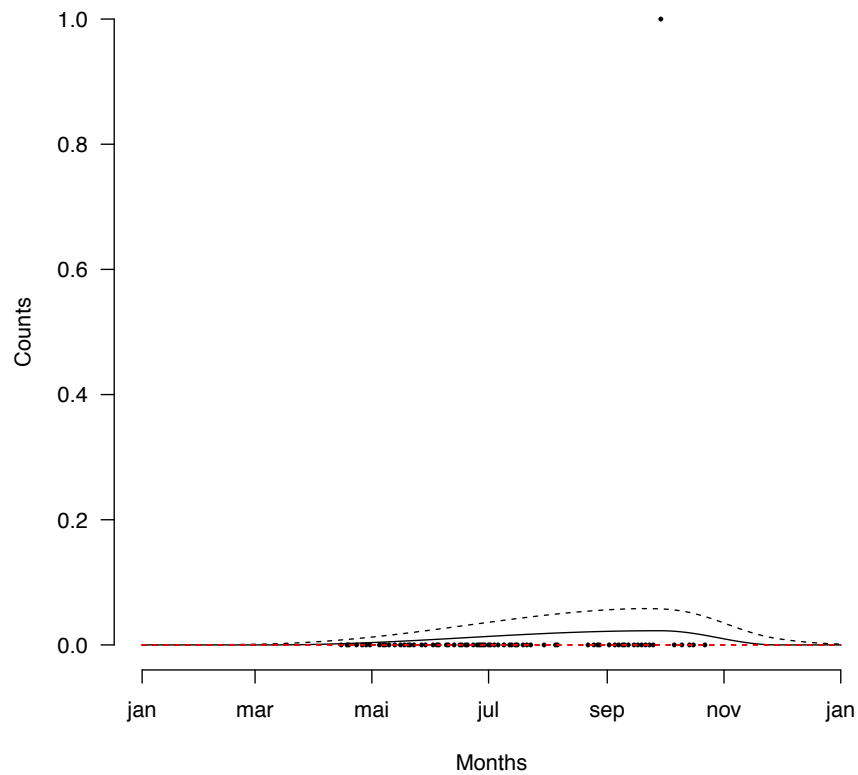
```
##
## Number of timeseries: 1
## -----
## 4#pointe cannot est@le gosier-2012
## -----
## Estimation without the observed data
## Total number of counts: 2.971 ; SD 2.0003
## Estimation taking into account the observed data
## Total number of counts: 2.7772 ; SD 1.2011
## 95% confidence interval: 1 - 5.1793
```

4#pointe cannot est@le gosier-2013



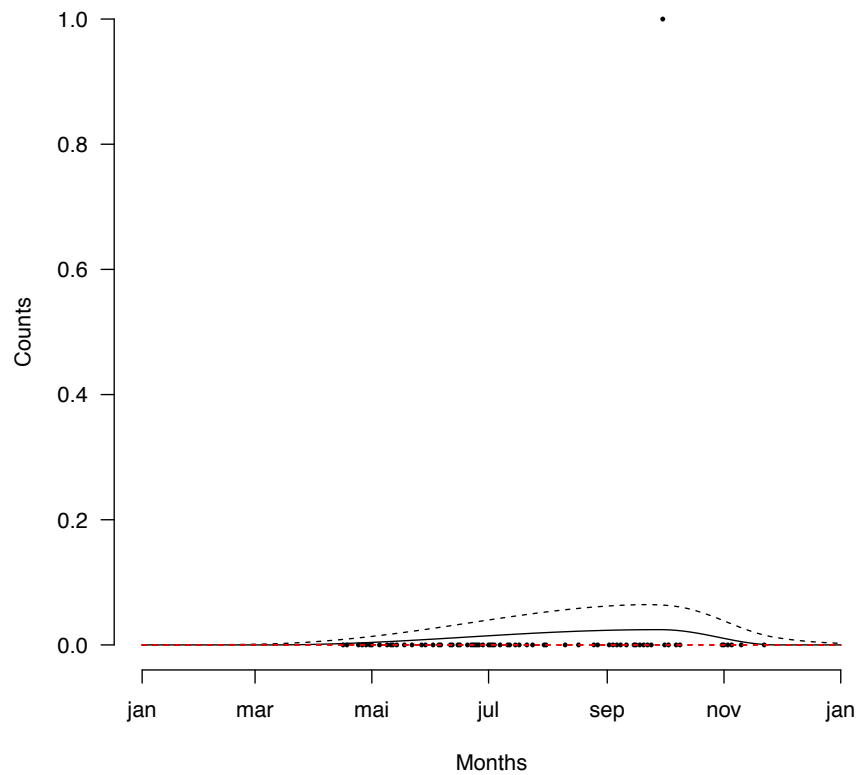
```
##
## Number of timeseries: 1
## -----
## 4#pointe cannot est@le gosier-2013
## -----
## Estimation without the observed data
## Total number of counts: 2.4388 ; SD 1.6433
## Estimation taking into account the observed data
## Total number of counts: 2.2575 ; SD 0.8674
## 95% confidence interval: 1 - 3.9924
```

4#pointe cannot est@le gosier-2014



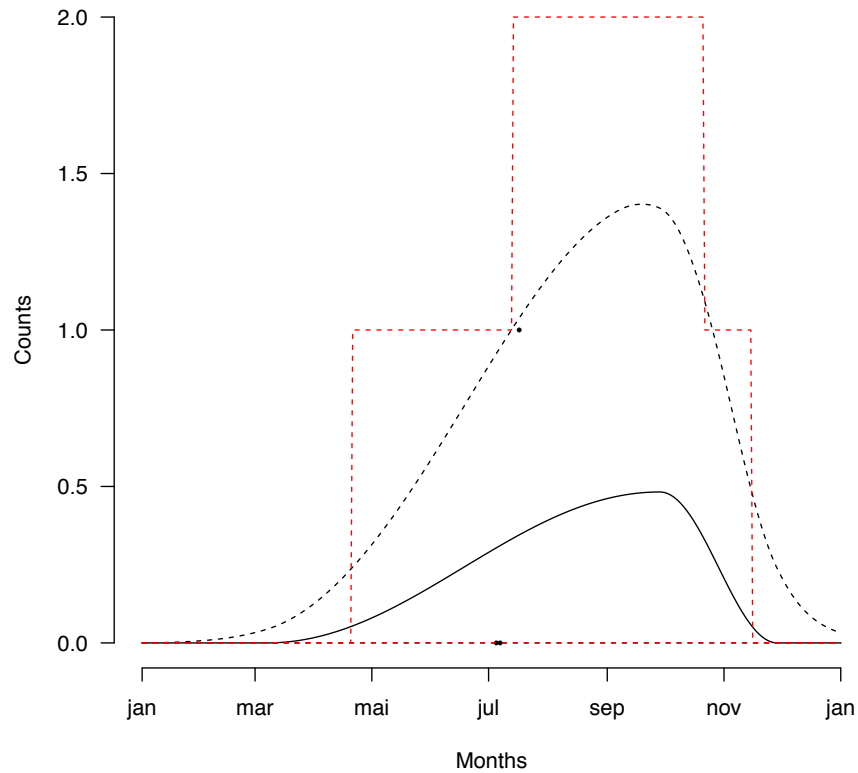
```
##
## Number of timeseries: 1
## -----
## 4#pointe cannot est@le gosier-2014
## -----
## Estimation without the observed data
## Total number of counts: 3.5442 ; SD 2.4368
## Estimation taking into account the observed data
## Total number of counts: 3.4171 ; SD 1.6741
## 95% confidence interval: 1 - 6.7654
```

4#pointe lارية@le gosier-2014



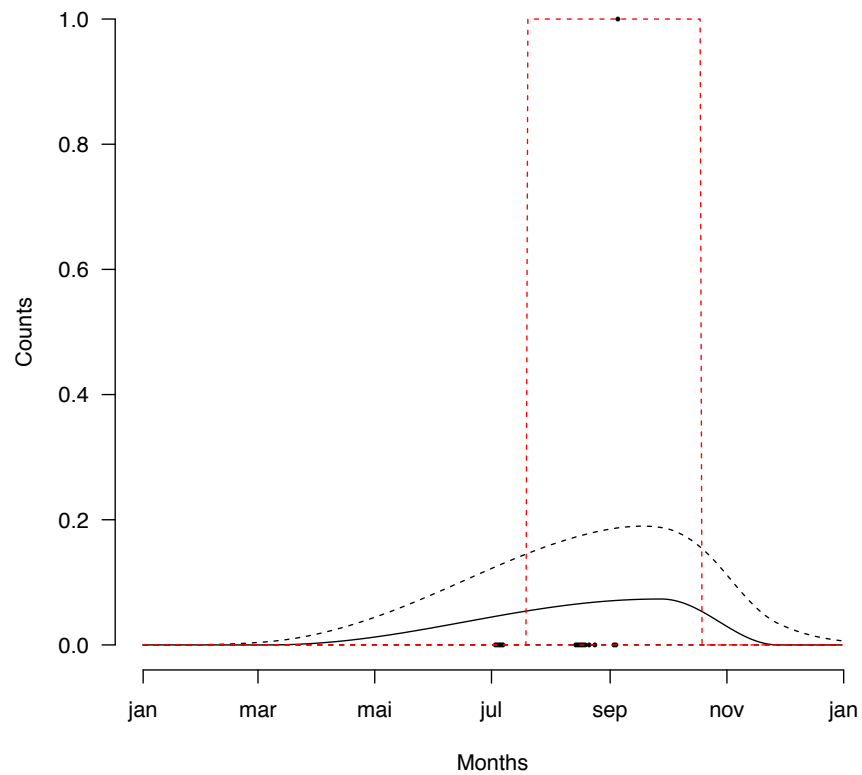
```
##
## Number of timeseries: 1
## -----
## 4#pointe lارية@le gosier-2014
## -----
## Estimation without the observed data
## Total number of counts: 3.7975 ; SD 2.7687
## Estimation taking into account the observed data
## Total number of counts: 3.6707 ; SD 1.9556
## 95% confidence interval: 1 - 7.5819
```

4#raisins clairs@saint francois-2007



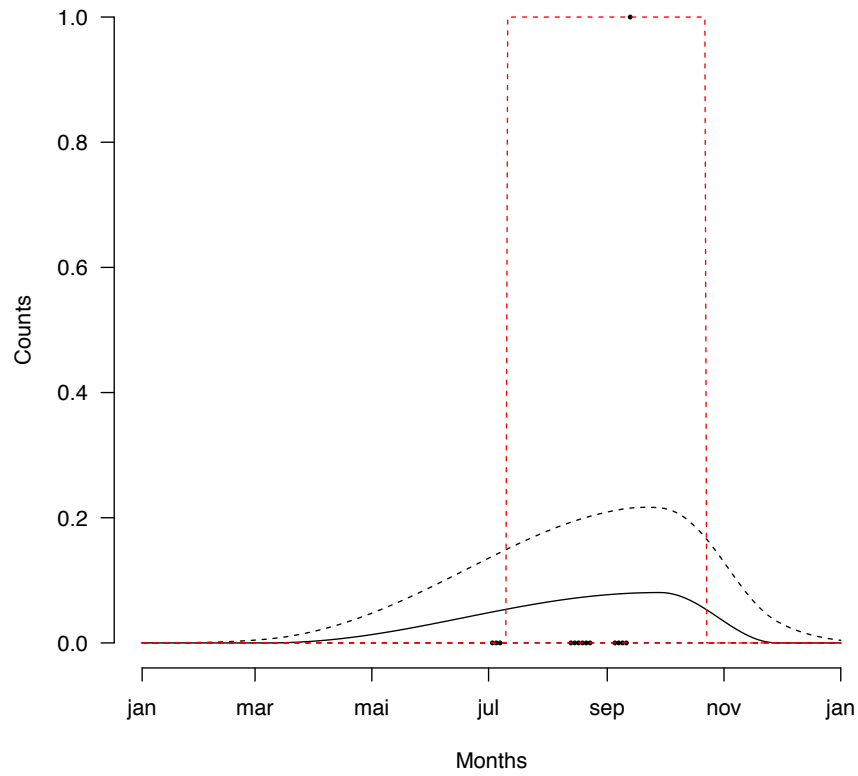
```
##
## Number of timeseries: 1
## -----
## 4#raisins clairs@saint francois-2007
## -----
## Estimation without the observed data
## Total number of counts: 86.5141 ; SD 64.0144
## Estimation taking into account the observed data
## Total number of counts: 86.2287 ; SD 63.0773
## 95% confidence interval: 1 - 212.3833
```


4#raisins clairs@saint francois-2008



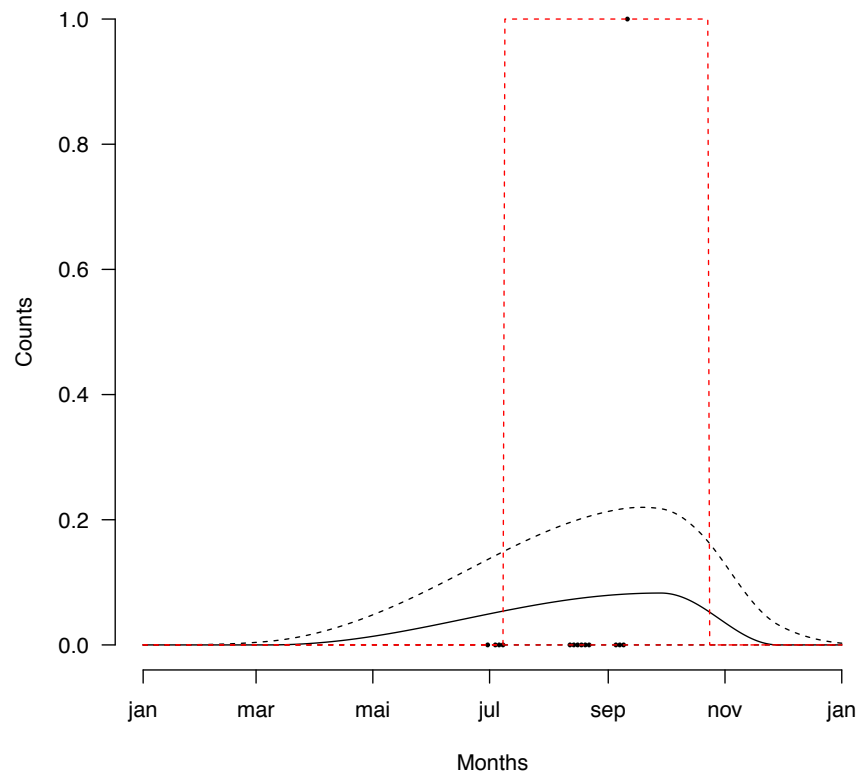
```
##
## Number of timeseries: 1
## -----
## 4#raisins clairs@saint francois-2008
## -----
## Estimation without the observed data
## Total number of counts: 11.7242 ; SD 8.1753
## Estimation taking into account the observed data
## Total number of counts: 11.5681 ; SD 7.3848
## 95% confidence interval: 1 - 26.3378
```

4#raisins clairs@saint francois-2009



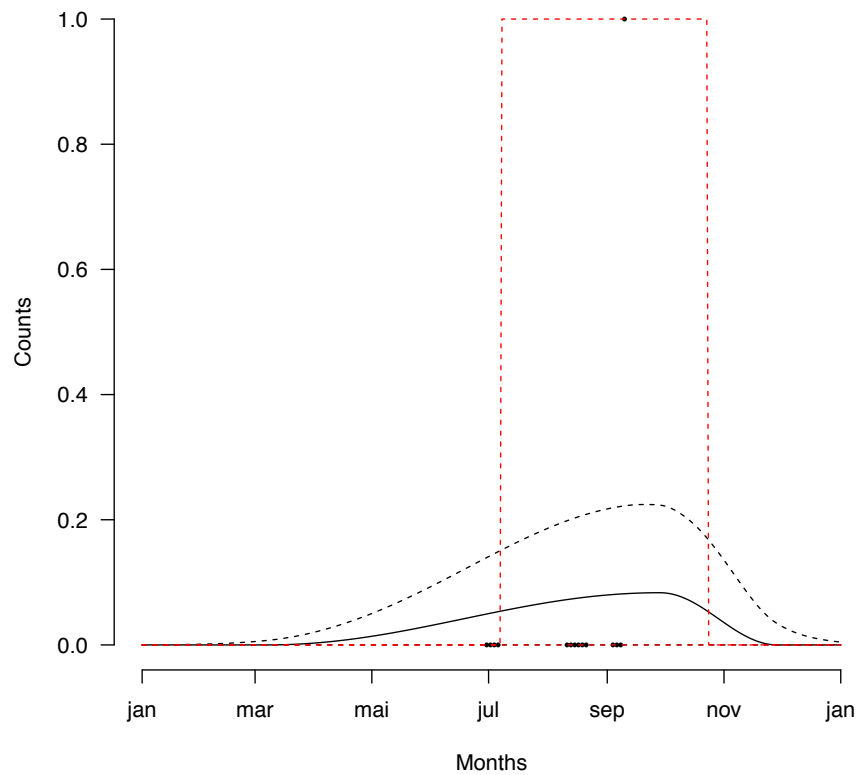
```
##
## Number of timeseries: 1
## -----
## 4#raisins clairs@saint francois-2009
## -----
## Estimation without the observed data
## Total number of counts: 12.8013 ; SD 9.4829
## Estimation taking into account the observed data
## Total number of counts: 12.6497 ; SD 8.6505
## 95% confidence interval: 1 - 29.9508
```

4#raisins clairs@saint francois-2010



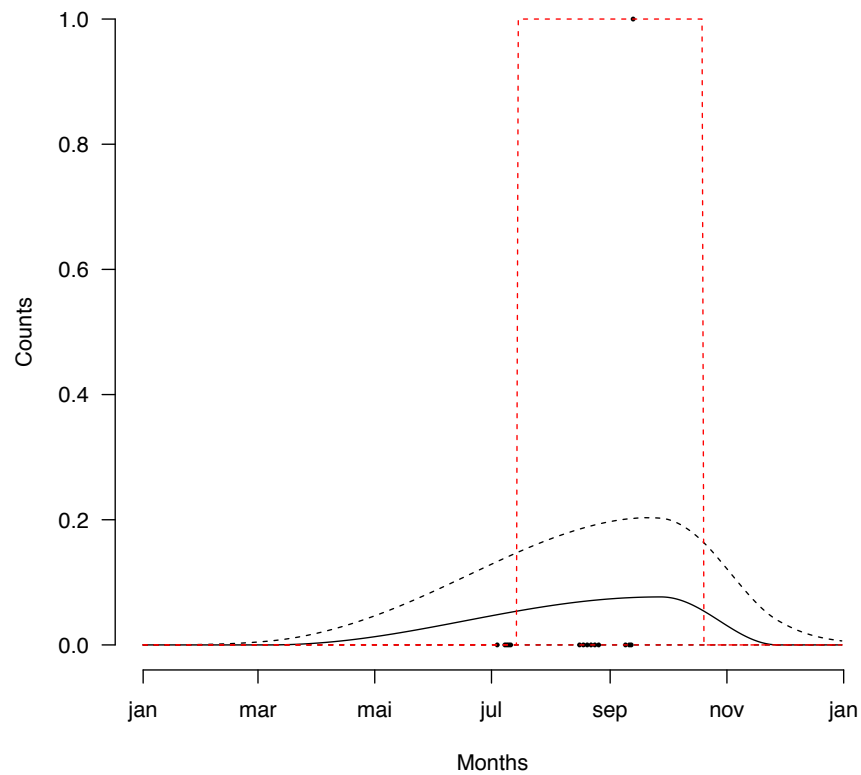
```
##
## Number of timeseries: 1
## -----
## 4#raisins clairs@saint francois-2010
## -----
## Estimation without the observed data
## Total number of counts: 13.2852 ; SD 9.4315
## Estimation taking into account the observed data
## Total number of counts: 13.1192 ; SD 8.6154
## 95% confidence interval: 1 - 30.3499
```

4#raisins clairs@saint francois-2011



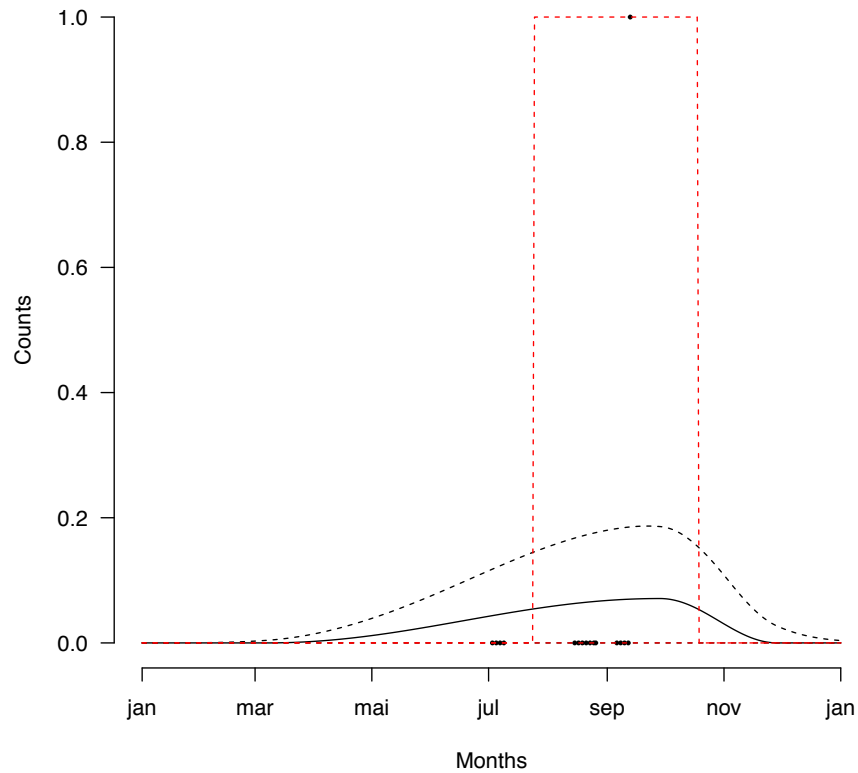
```
##
## Number of timeseries: 1
## -----
## 4#raisins clairs@saint francois-2011
## -----
## Estimation without the observed data
## Total number of counts: 14.1957 ; SD 9.7234
## Estimation taking into account the observed data
## Total number of counts: 13.9598 ; SD 8.8914
## 95% confidence interval: 1 - 31.7426
```

4#raisins clairs@saint francois-2012



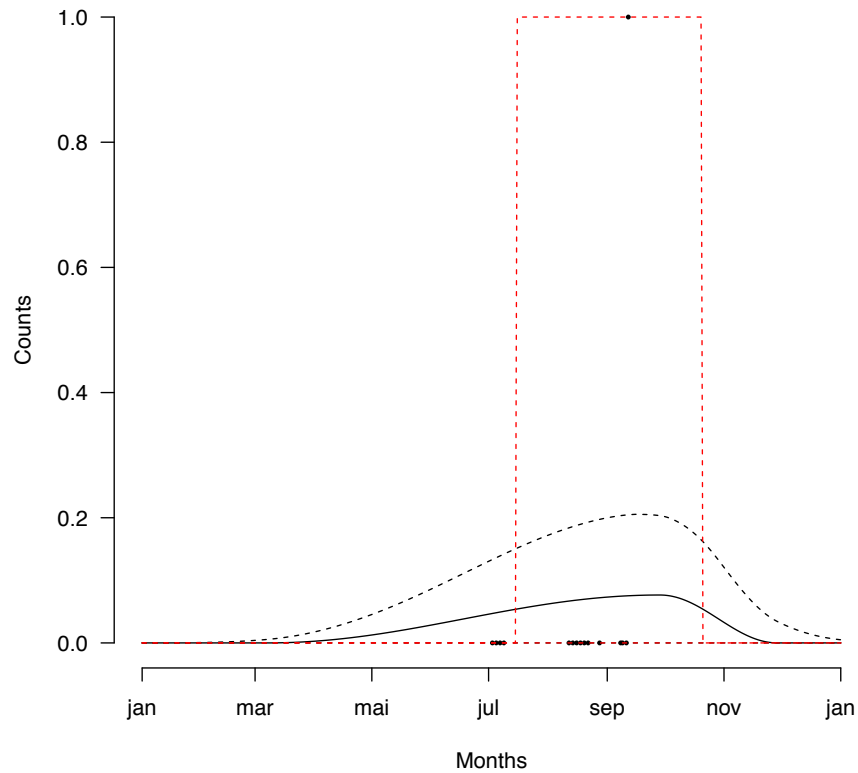
```
##
## Number of timeseries: 1
## -----
## 4#raisins clairs@saint francois-2012
## -----
## Estimation without the observed data
## Total number of counts: 12.3142 ; SD 8.8695
## Estimation taking into account the observed data
## Total number of counts: 12.1547 ; SD 8.0597
## 95% confidence interval: 1 - 28.274
```

4#raisins clairs@saint francois-2013



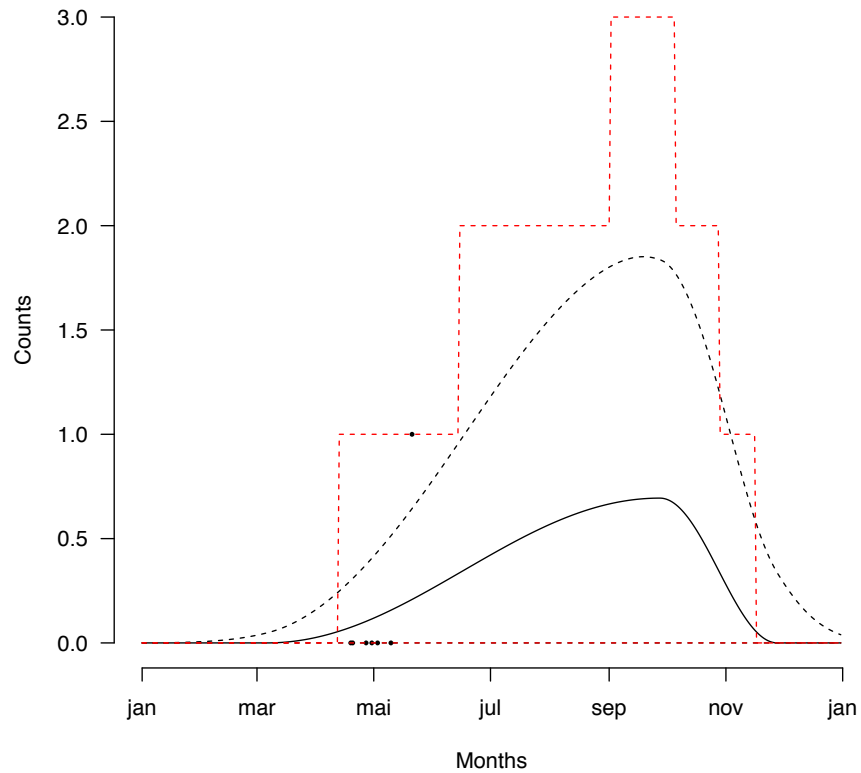
```
##
## Number of timeseries: 1
## -----
## 4#raisins clairs@saint francois-2013
## -----
## Estimation without the observed data
## Total number of counts: 11.202 ; SD 7.8294
## Estimation taking into account the observed data
## Total number of counts: 11.0495 ; SD 7.0305
## 95% confidence interval: 1 - 25.1105
```

4#raisins clairs@saint francois-2014



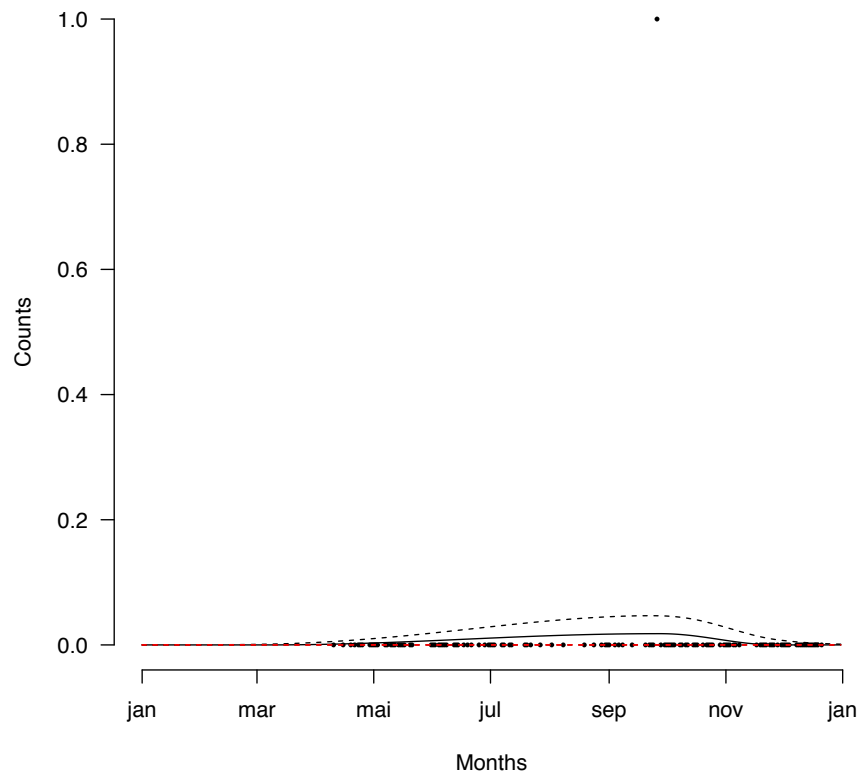
```
##
## Number of timeseries: 1
## -----
## 4#raisins clairs@saint francois-2014
## -----
## Estimation without the observed data
## Total number of counts: 12.4279 ; SD 8.9523
## Estimation taking into account the observed data
## Total number of counts: 12.248 ; SD 8.1141
## 95% confidence interval: 1 - 28.4761
```

4#saint felix@le gosier-2008



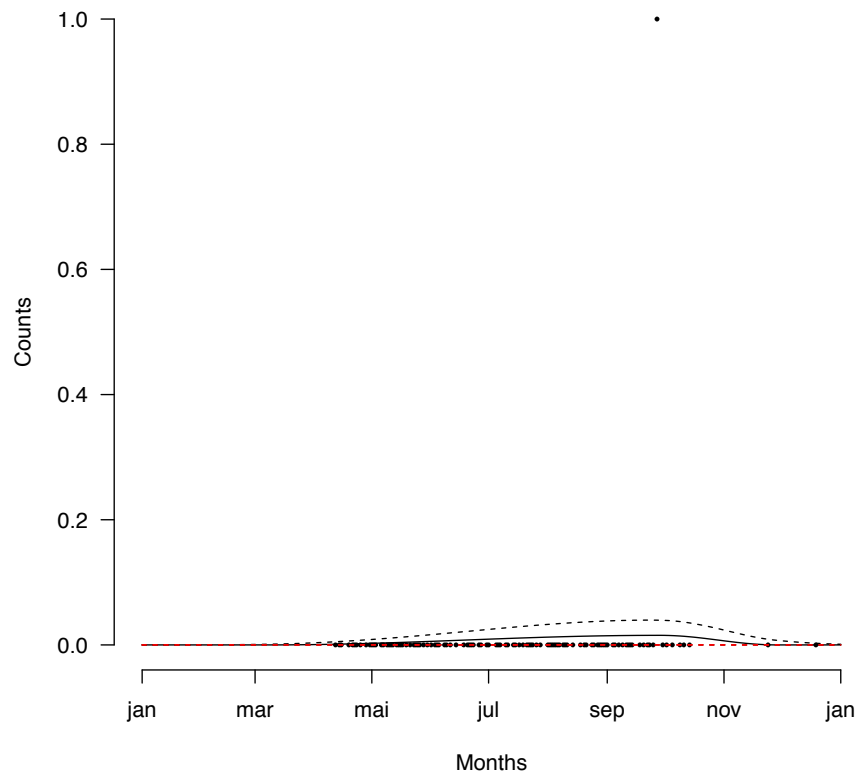
```
##
## Number of timeseries: 1
## -----
## 4#saint felix@le gosier-2008
## -----
## Estimation without the observed data
## Total number of counts: 112.0288 ; SD 80.9642
## Estimation taking into account the observed data
## Total number of counts: 111.9308 ; SD 80.1456
## 95% confidence interval: 1 - 272.222
```


4#saint felix@le gosier-2012



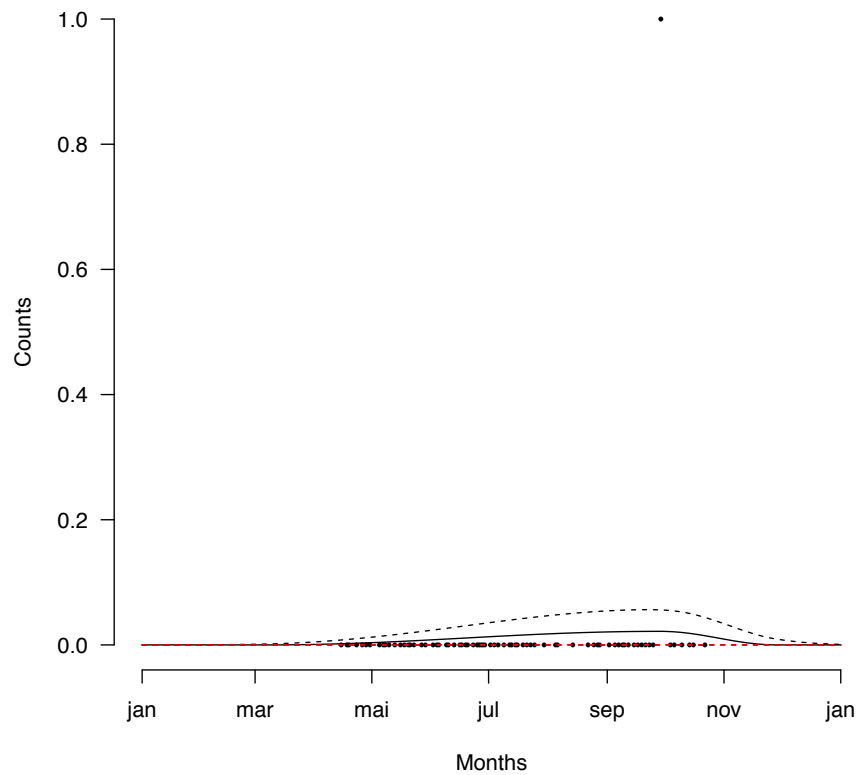
```
##
## Number of timeseries: 1
## -----
## 4#saint felix@le gosier-2012
## -----
## Estimation without the observed data
## Total number of counts: 2.8547 ; SD 1.9839
## Estimation taking into account the observed data
## Total number of counts: 2.6773 ; SD 1.1598
## 95% confidence interval: 1 - 4.9969
```

4#saint felix@le gosier-2013



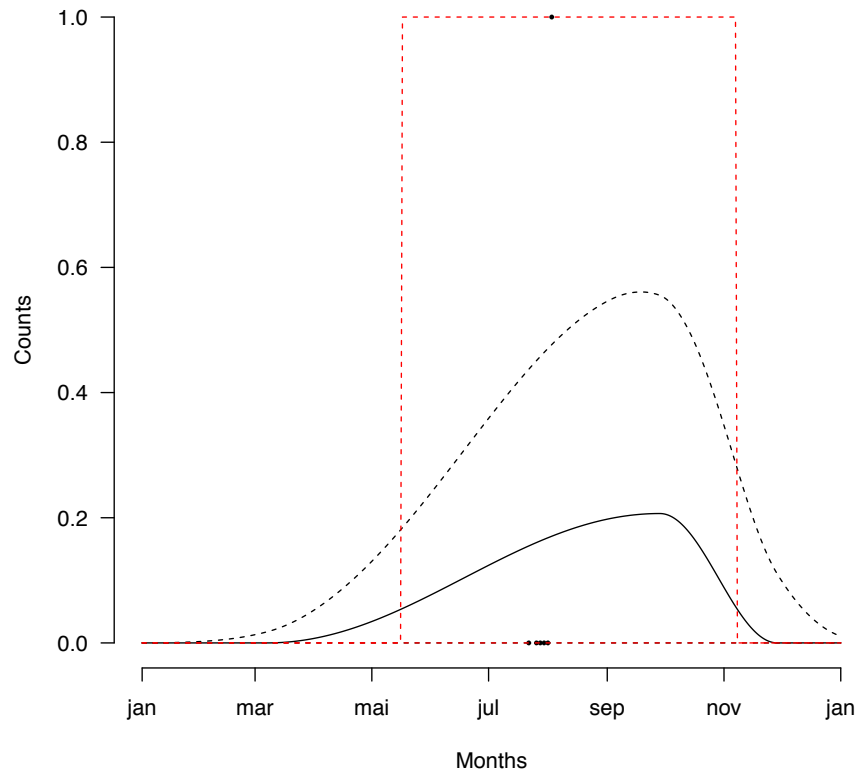
```
##
## Number of timeseries: 1
## -----
## 4#saint felix@le gosier-2013
## -----
## Estimation without the observed data
## Total number of counts: 2.3689 ; SD 1.6855
## Estimation taking into account the observed data
## Total number of counts: 2.2407 ; SD 0.9079
## 95% confidence interval: 1 - 4.0565
```

4#saint felix@le gosier-2014



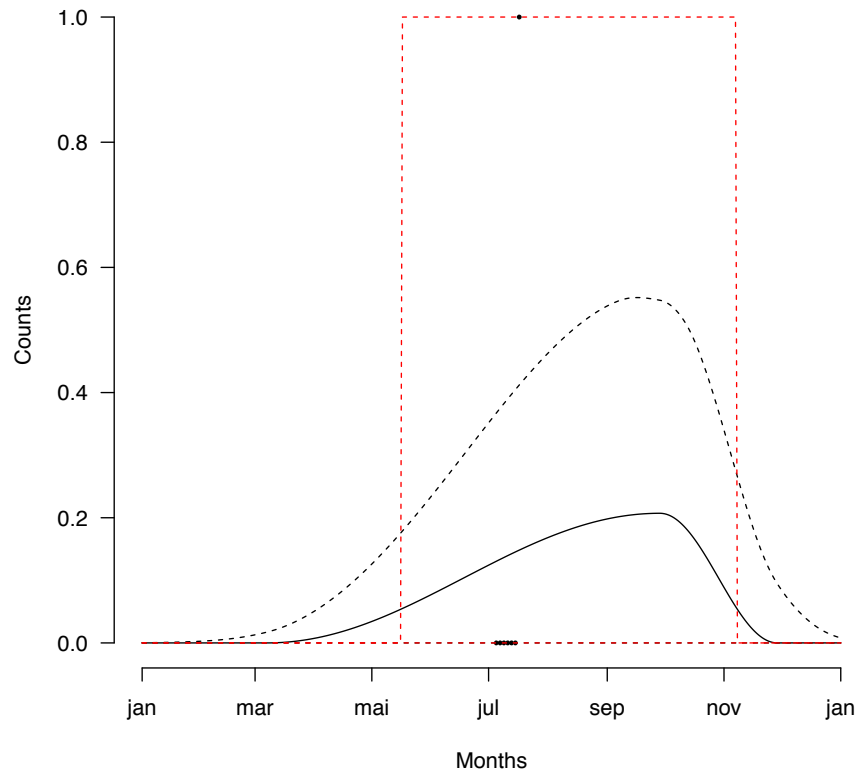
```
##
## Number of timeseries: 1
## -----
## 4#saint felix@le gosier-2014
## -----
## Estimation without the observed data
## Total number of counts: 3.3648 ; SD 2.4249
## Estimation taking into account the observed data
## Total number of counts: 3.2518 ; SD 1.6322
## 95% confidence interval: 1 - 6.5161
```

5#anse a la croix@saint francois-2006



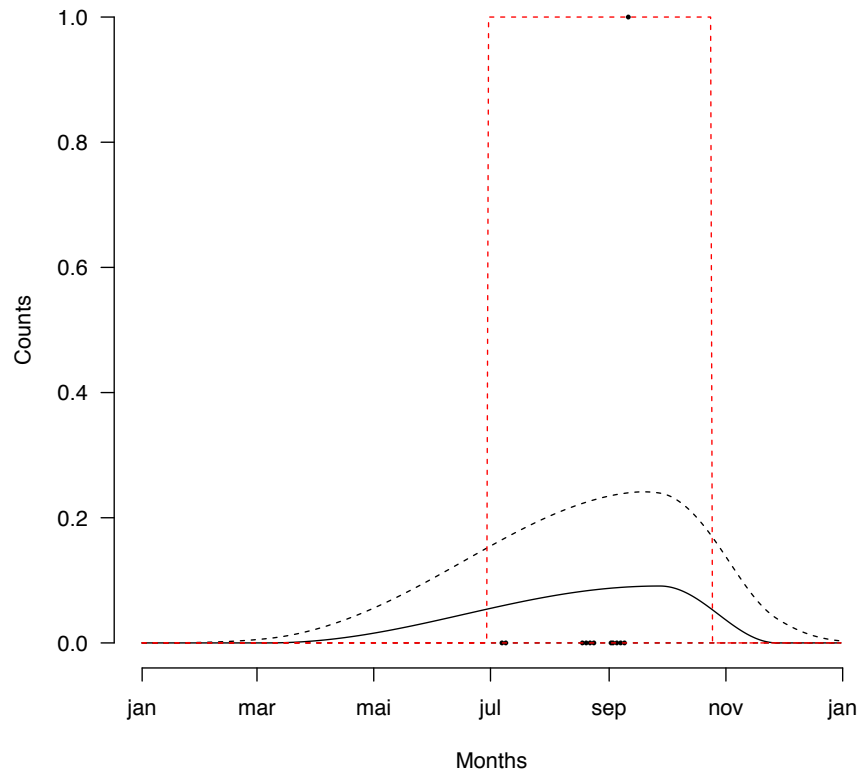
```
##
## Number of timeseries: 1
## -----
## 5#anse a la croix@saint francois-2006
## -----
## Estimation without the observed data
## Total number of counts: 35.3041 ; SD 25.1655
## Estimation taking into account the observed data
## Total number of counts: 35.0718 ; SD 24.3013
## 95% confidence interval: 1 - 83.6743
```

5#anse a la croix@saint francois-2007



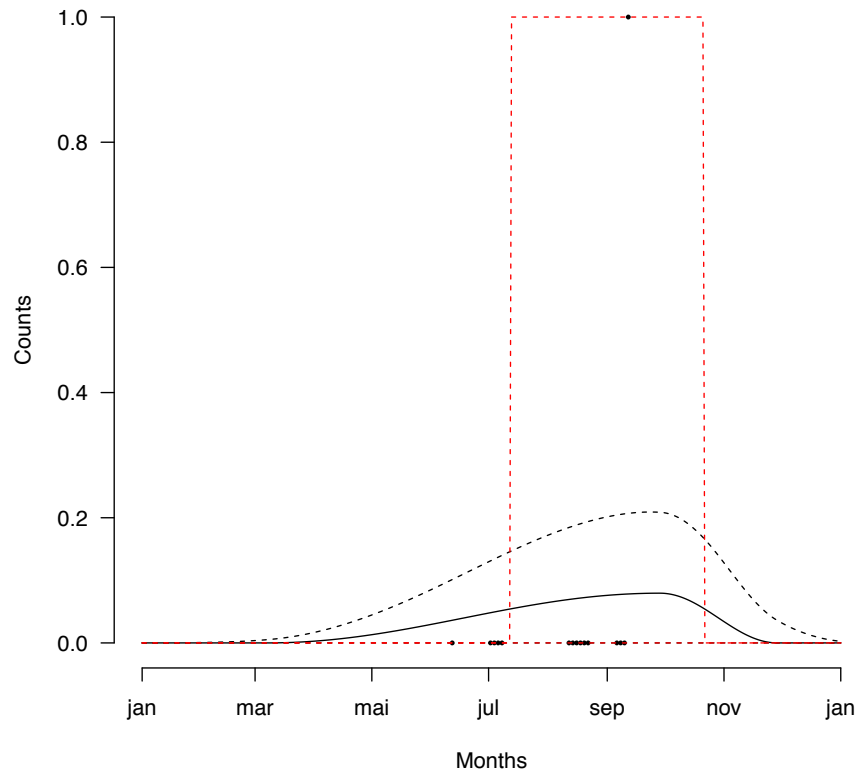
```
##
## Number of timeseries: 1
## -----
## 5#anse a la croix@saint francois-2007
## -----
## Estimation without the observed data
## Total number of counts: 34.3282 ; SD 24.3002
## Estimation taking into account the observed data
## Total number of counts: 34.1299 ; SD 23.46
## 95% confidence interval: 1 - 81.05
```

5#anse a la croix@saint francois-2008



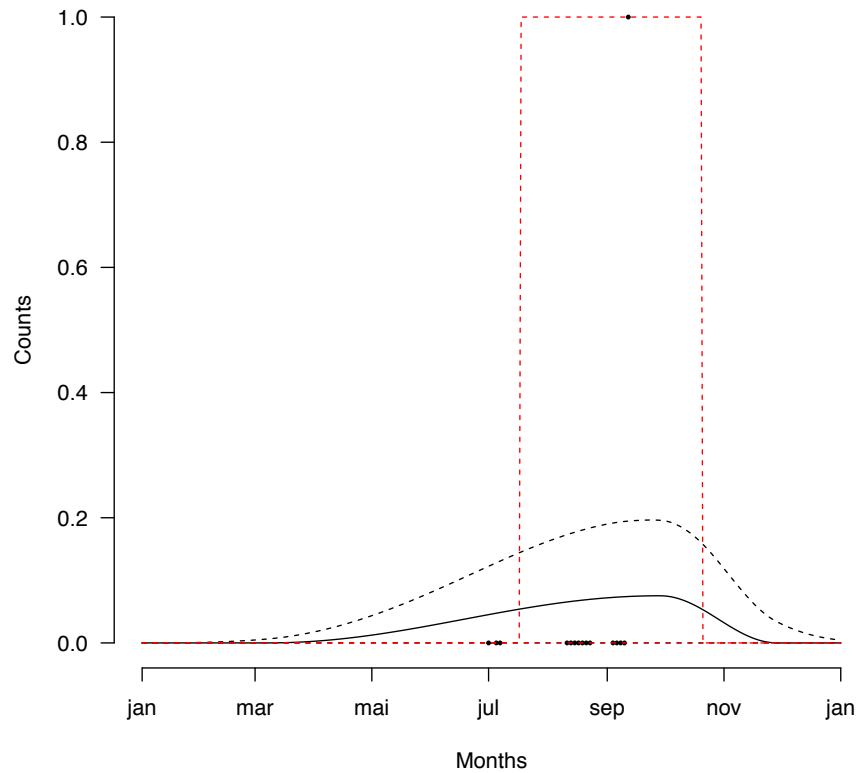
```
##
## Number of timeseries: 1
## -----
## 5#anse a la croix@saint francois-2008
## -----
## Estimation without the observed data
## Total number of counts: 14.3633 ; SD 10.5369
## Estimation taking into account the observed data
## Total number of counts: 14.2134 ; SD 9.7126
## 95% confidence interval: 1 - 33.6386
```

5#anse a la croix@saint francois-2009



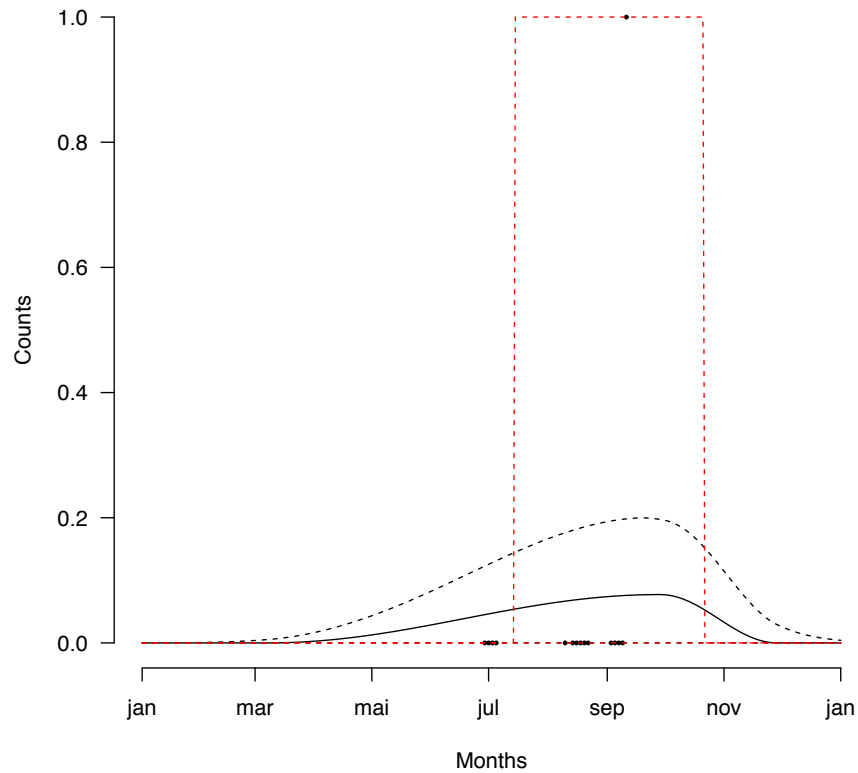
```
##
## Number of timeseries: 1
## -----
## 5#anse a la croix@saint francois-2009
## -----
## Estimation without the observed data
## Total number of counts: 12.5855 ; SD 8.971
## Estimation taking into account the observed data
## Total number of counts: 12.4432 ; SD 8.1776
## 95% confidence interval: 1 - 28.7984
```

5#anse a la croix@saint francois-2010



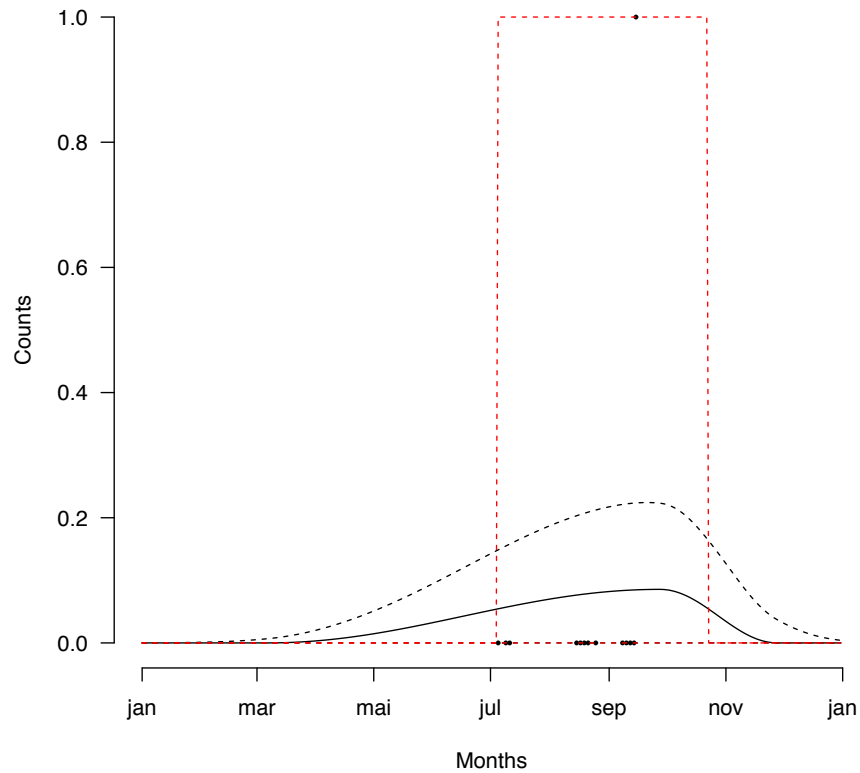
```
##
## Number of timeseries: 1
## -----
## 5#anse a la croix@saint francois-2010
## -----
## Estimation without the observed data
## Total number of counts: 11.9929 ; SD 8.4155
## Estimation taking into account the observed data
## Total number of counts: 11.8373 ; SD 7.6251
## 95% confidence interval: 1 - 27.0875
```


5#anse a la croix@saint francois-2011



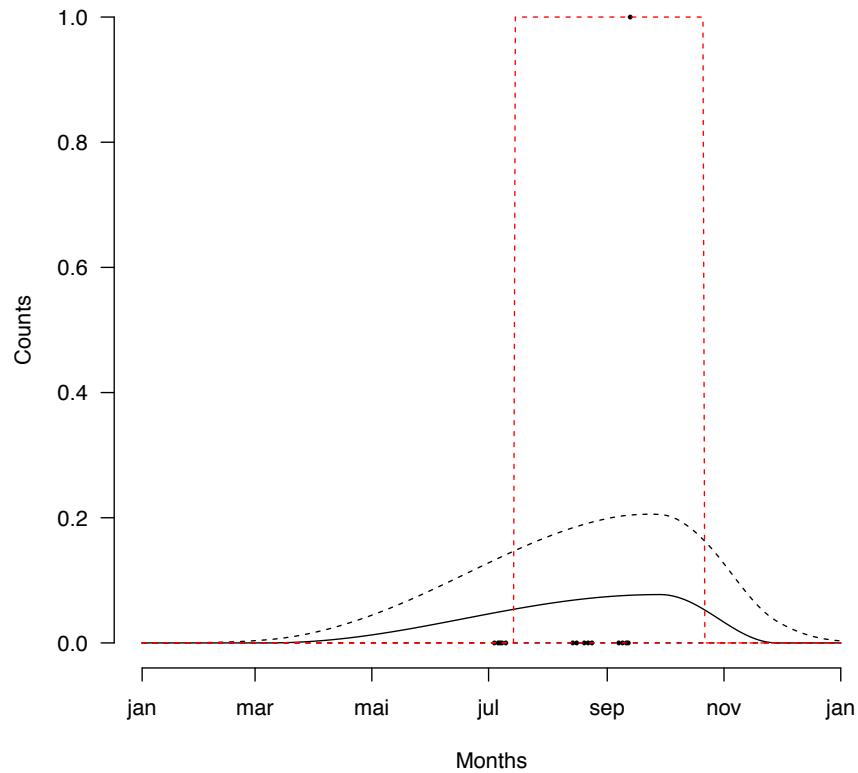
```
##
## Number of timeseries: 1
## -----
## 5#anse a la croix@saint francois-2011
## -----
## Estimation without the observed data
## Total number of counts: 11.938 ; SD 8.4318
## Estimation taking into account the observed data
## Total number of counts: 11.8096 ; SD 7.647
## 95% confidence interval: 1 - 27.1036
```

5#anse a la croix@saint francois-2012



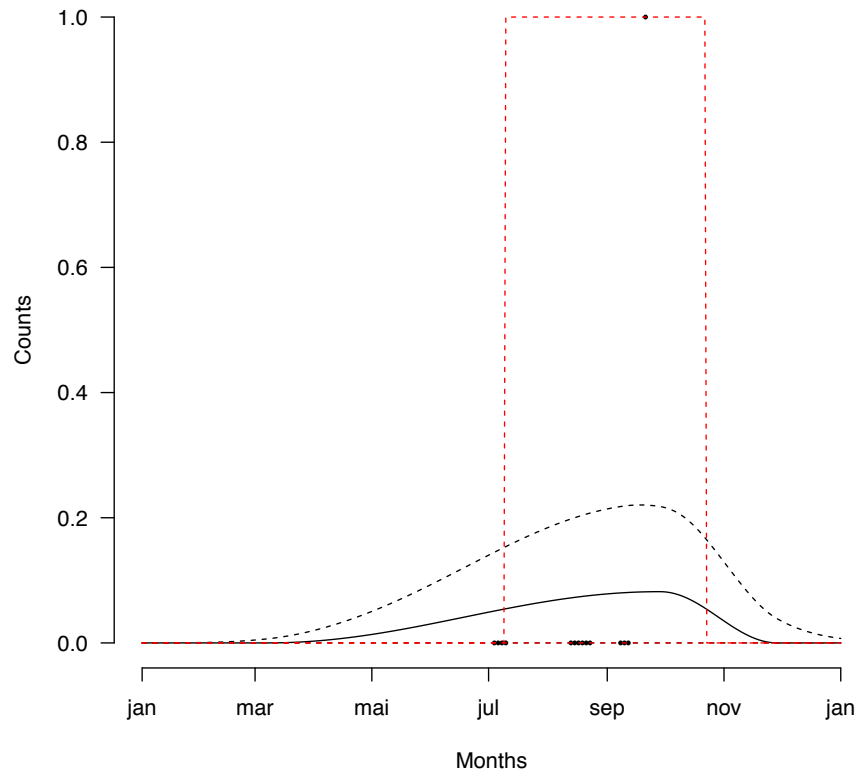
```
##
## Number of timeseries: 1
## -----
## 5#anse a la croix@saint francois-2012
## -----
## Estimation without the observed data
## Total number of counts: 13.0266 ; SD 9.7162
## Estimation taking into account the observed data
## Total number of counts: 12.9292 ; SD 8.9164
## 95% confidence interval: 1 - 30.762
```

5#anse a la croix@saint francois-2013



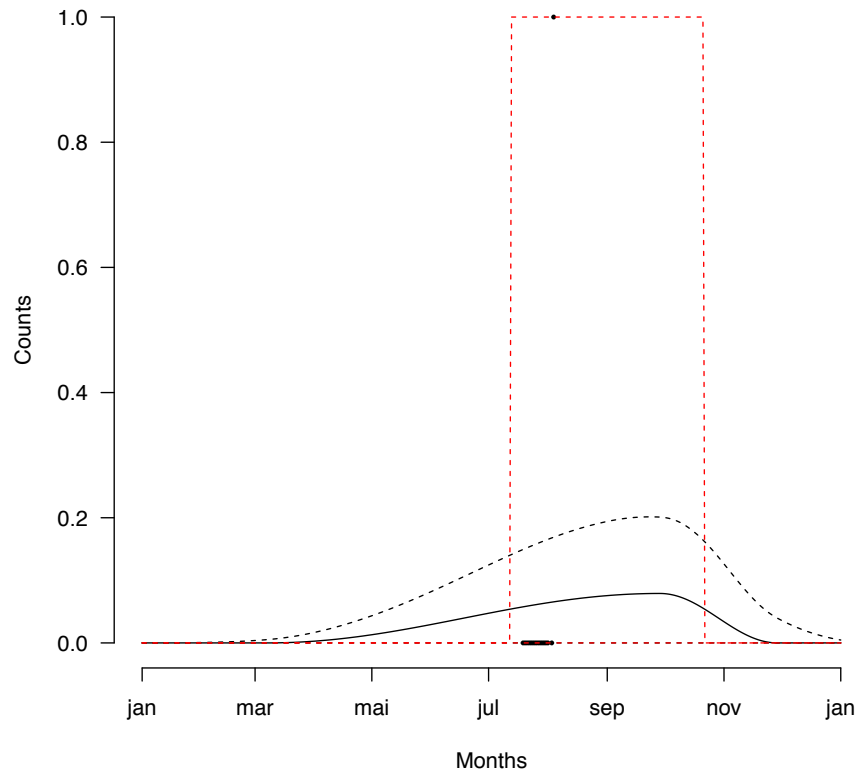
```
##
## Number of timeseries: 1
## -----
## 5#anse a la croix@saint francois-2013
## -----
## Estimation without the observed data
## Total number of counts: 12.564 ; SD 8.8379
## Estimation taking into account the observed data
## Total number of counts: 12.3888 ; SD 8.0256
## 95% confidence interval: 1 - 28.4401
```

5#anse a la croix@saint francois-2014



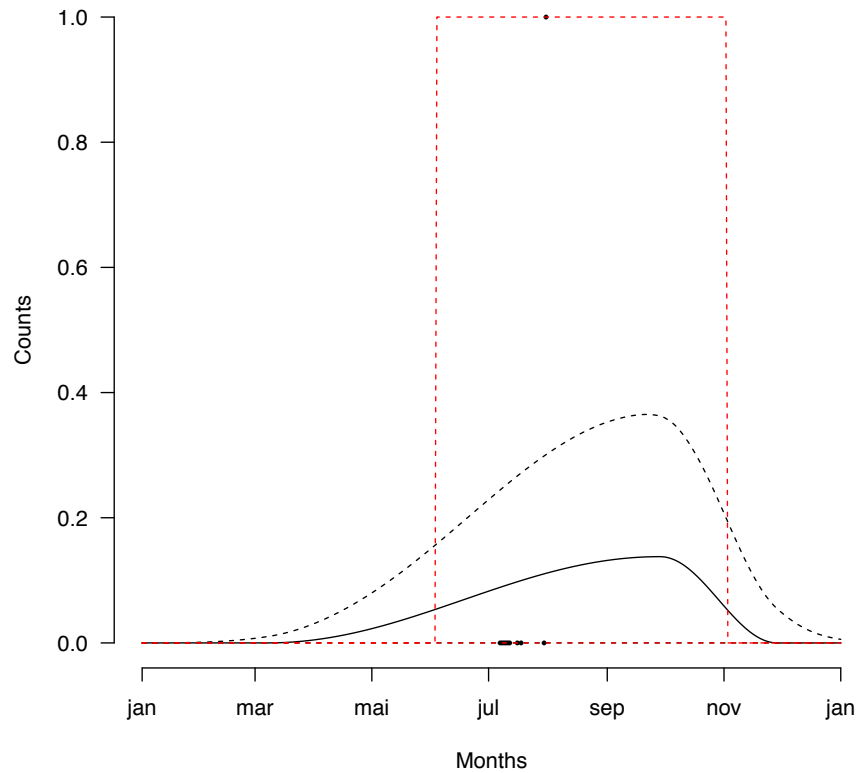
```
##
## Number of timeseries: 1
## -----
## 5#anse a la croix@saint francois-2014
## -----
## Estimation without the observed data
## Total number of counts: 13.1152 ; SD 9.7151
## Estimation taking into account the observed data
## Total number of counts: 12.9562 ; SD 8.8773
## 95% confidence interval: 1 - 30.7108
```

5#anse a la gourde@saint francois-2006



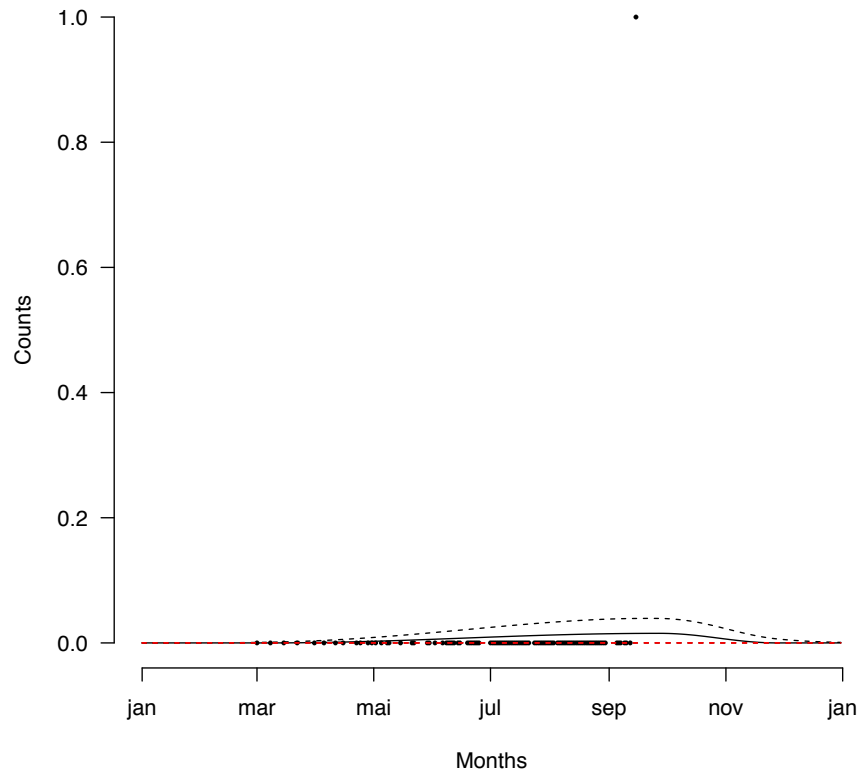
```
##
## Number of timeseries: 1
## -----
## 5#anse a la gourde@saint francois-2006
## -----
## Estimation without the observed data
## Total number of counts: 12.482 ; SD 8.5801
## Estimation taking into account the observed data
## Total number of counts: 12.337 ; SD 7.8261
## 95% confidence interval: 1 - 27.9892
```

5#anse a la gourde@saint francois-2007



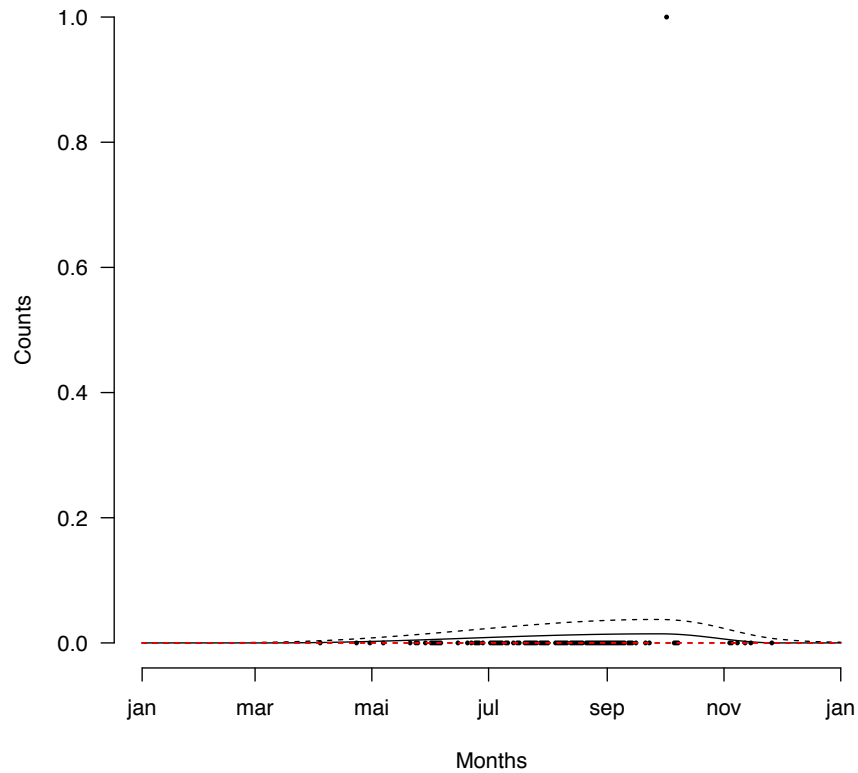
```
##
## Number of timeseries: 1
## -----
## 5#anse a la gourde@saint francois-2007
## -----
## Estimation without the observed data
## Total number of counts: 22.1123 ; SD 15.5095
## Estimation taking into account the observed data
## Total number of counts: 21.9643 ; SD 14.6986
## 95% confidence interval: 1 - 51.3615
```

5#anse a la gourde@saint francois-2008



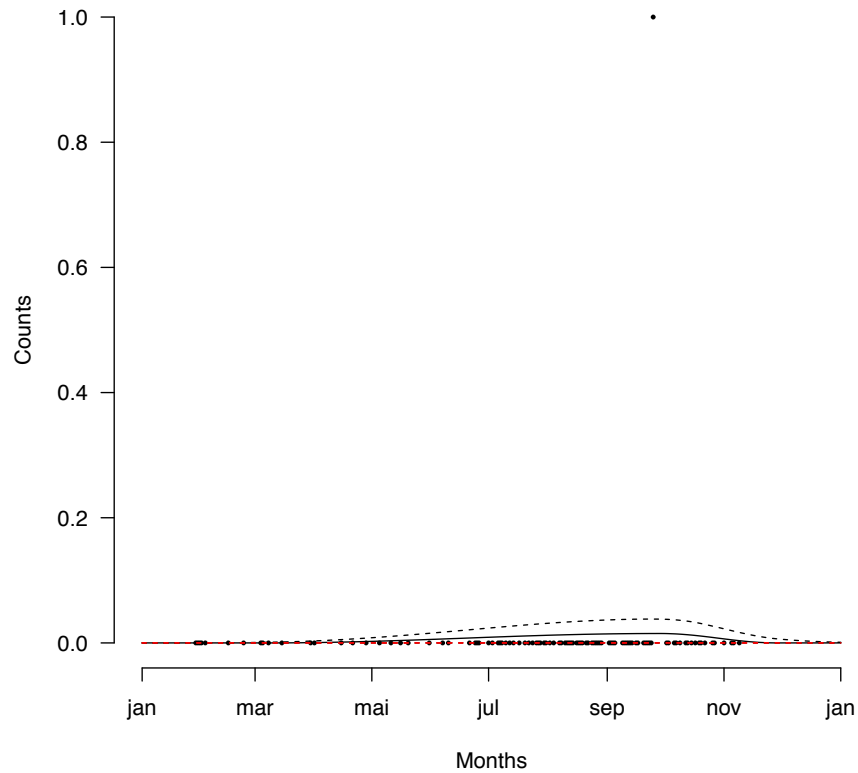
```
##
## Number of timeseries: 1
## -----
## 5#anse a la gourde@saint francois-2008
## -----
## Estimation without the observed data
## Total number of counts: 2.3445 ; SD 1.6539
## Estimation taking into account the observed data
## Total number of counts: 2.2199 ; SD 0.8892
## 95% confidence interval: 1 - 3.9983
```

5#anse a la gourde@saint francois-2009



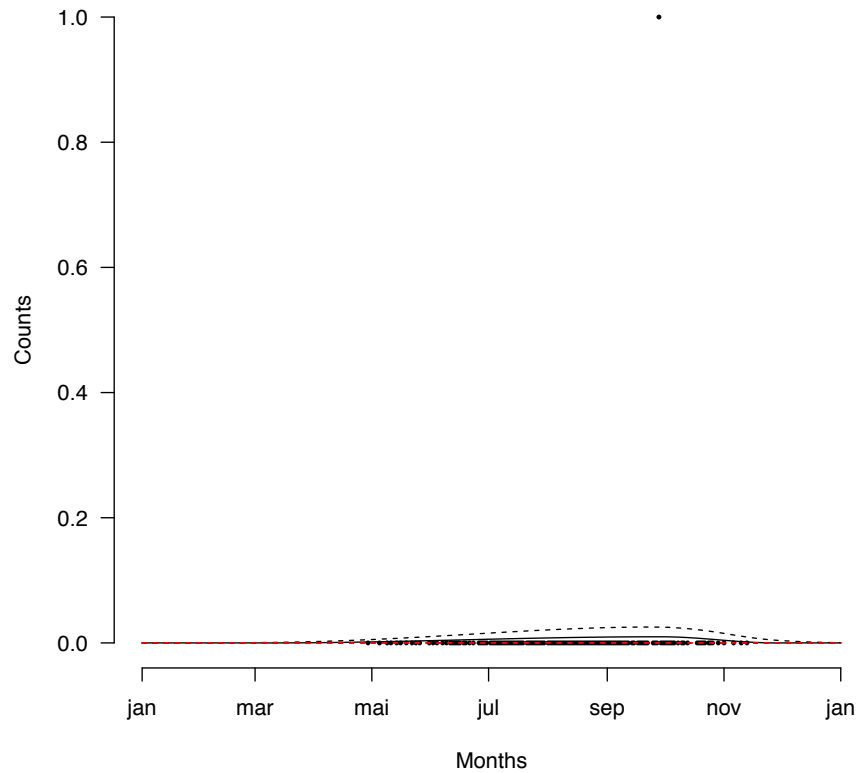
```
##
## Number of timeseries: 1
## -----
## 5#anse a la gourde@saint francois-2009
## -----
## Estimation without the observed data
## Total number of counts: 2.3095 ; SD 1.5917
## Estimation taking into account the observed data
## Total number of counts: 2.1423 ; SD 0.8124
## 95% confidence interval: 1 - 3.7671
```


5#anse a la gourde@saint francois-2010



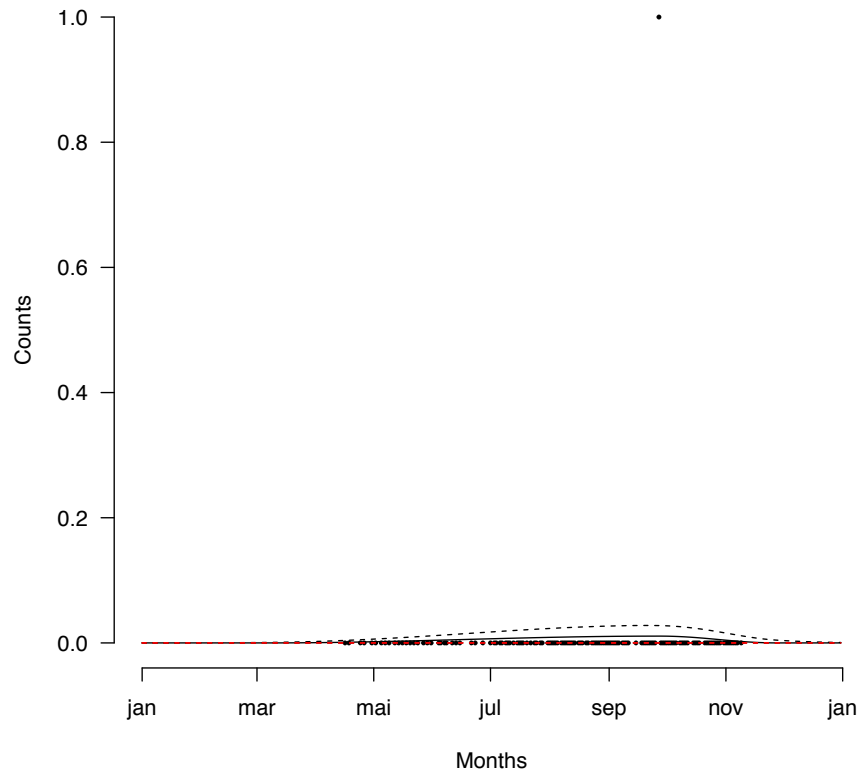
```
##
## Number of timeseries: 1
## -----
## 5#anse a la gourde@saint francois-2010
## -----
## Estimation without the observed data
## Total number of counts: 2.3664 ; SD 1.6034
## Estimation taking into account the observed data
## Total number of counts: 2.2208 ; SD 0.8417
## 95% confidence interval: 1 - 3.9041
```

5#anse a la gourde@saint francois-2011



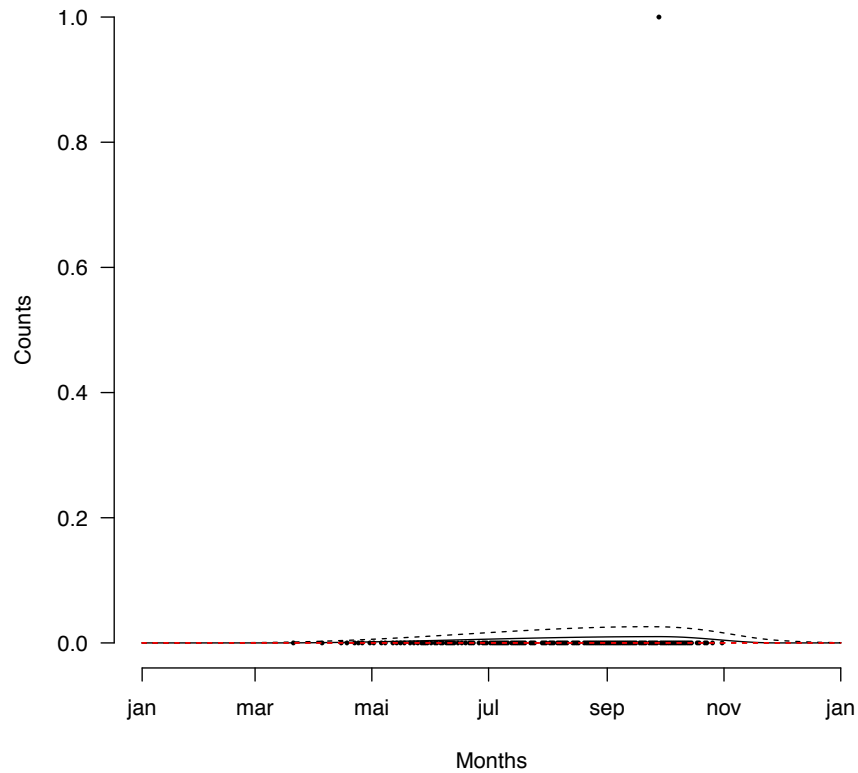
```
##
## Number of timeseries: 1
## -----
## 5#anse a la gourde@saint francois-2011
## -----
## Estimation without the observed data
## Total number of counts: 1.5153 ; SD 1.0625
## Estimation taking into account the observed data
## Total number of counts: 1.3881 ; SD 0.2911
## 95% confidence interval: 1 - 1.9703
```

5#anse a la gourde@saint francois-2012



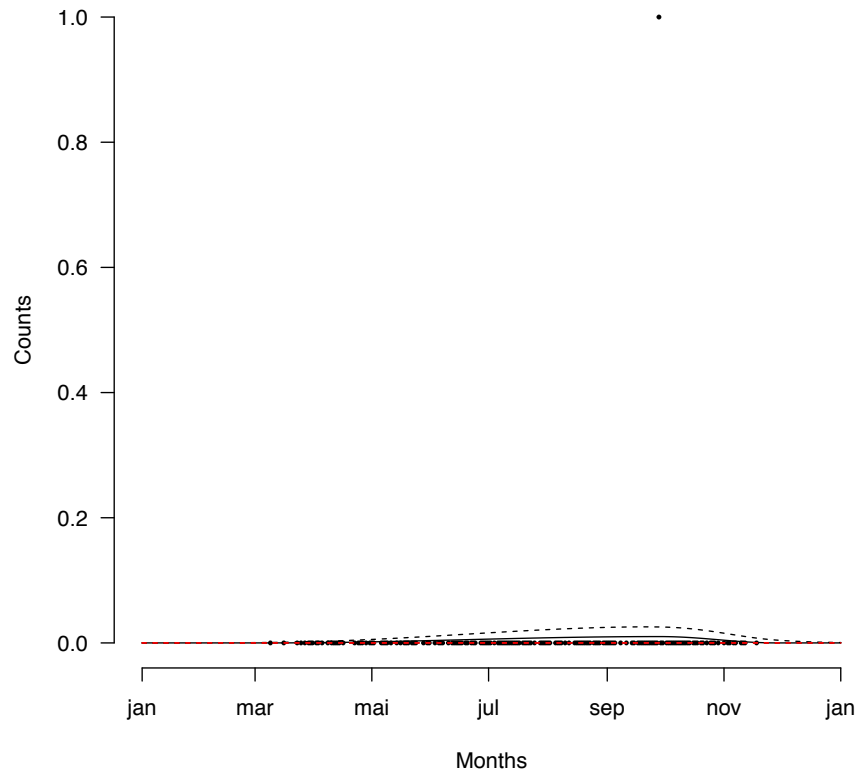
```
##
## Number of timeseries: 1
## -----
## 5#anse a la gourde@saint francois-2012
## -----
## Estimation without the observed data
## Total number of counts: 1.5982 ; SD 1.1643
## Estimation taking into account the observed data
## Total number of counts: 1.5275 ; SD 0.3927
## 95% confidence interval: 1 - 2.3128
```

5#anse a la gourde@saint francois-2013



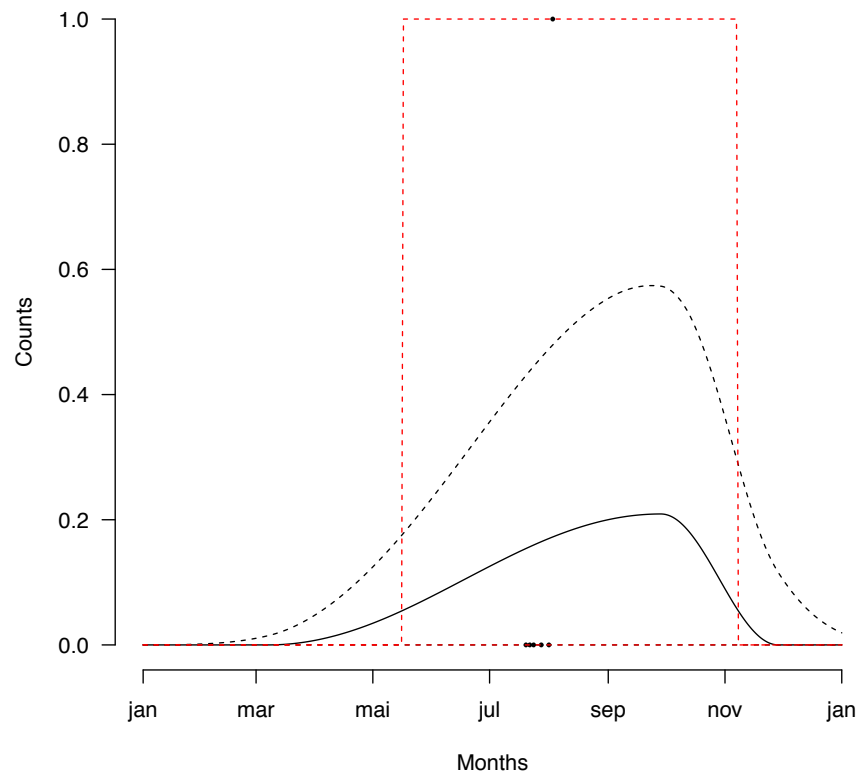
```
##
## Number of timeseries: 1
## -----
## 5#anse a la gourde@saint francois-2013
## -----
## Estimation without the observed data
## Total number of counts: 1.5685 ; SD 1.1284
## Estimation taking into account the observed data
## Total number of counts: 1.4463 ; SD 0.3458
## 95% confidence interval: 1 - 2.1379
```

5#anse a la gourde@saint francois-2014



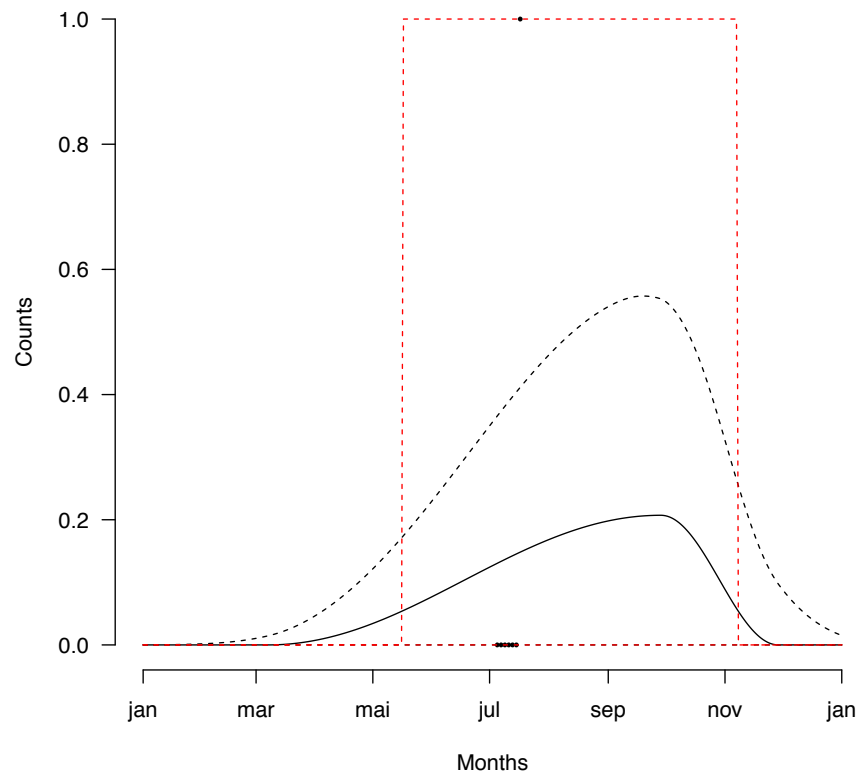
```
##
## Number of timeseries: 1
## -----
## 5#anse a la gourde@saint francois-2014
## -----
## Estimation without the observed data
## Total number of counts: 1.5462 ; SD 1.0815
## Estimation taking into account the observed data
## Total number of counts: 1.4363 ; SD 0.3134
## 95% confidence interval: 1 - 2.0631
```

5#anse a l'eau@saint francois-2006



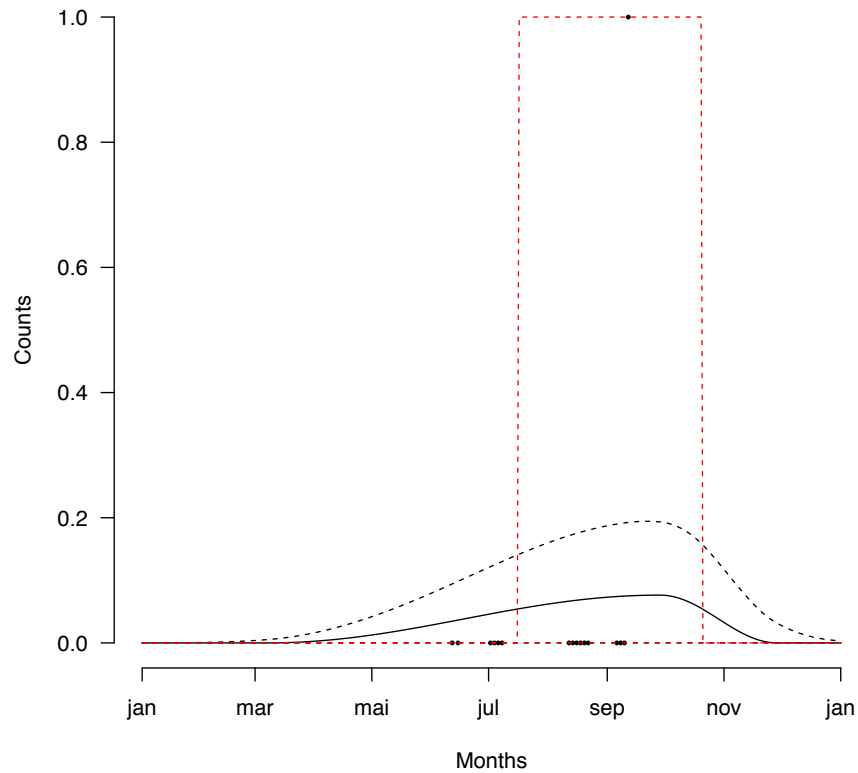
```
##
## Number of timeseries: 1
## -----
## 5#anse a l'eau@saint francois-2006
## -----
## Estimation without the observed data
## Total number of counts: 35.8737 ; SD 25.4695
## Estimation taking into account the observed data
## Total number of counts: 35.6373 ; SD 24.622
## 95% confidence interval: 1 - 84.8813
```

5#anse a l'eau@saint francois-2007



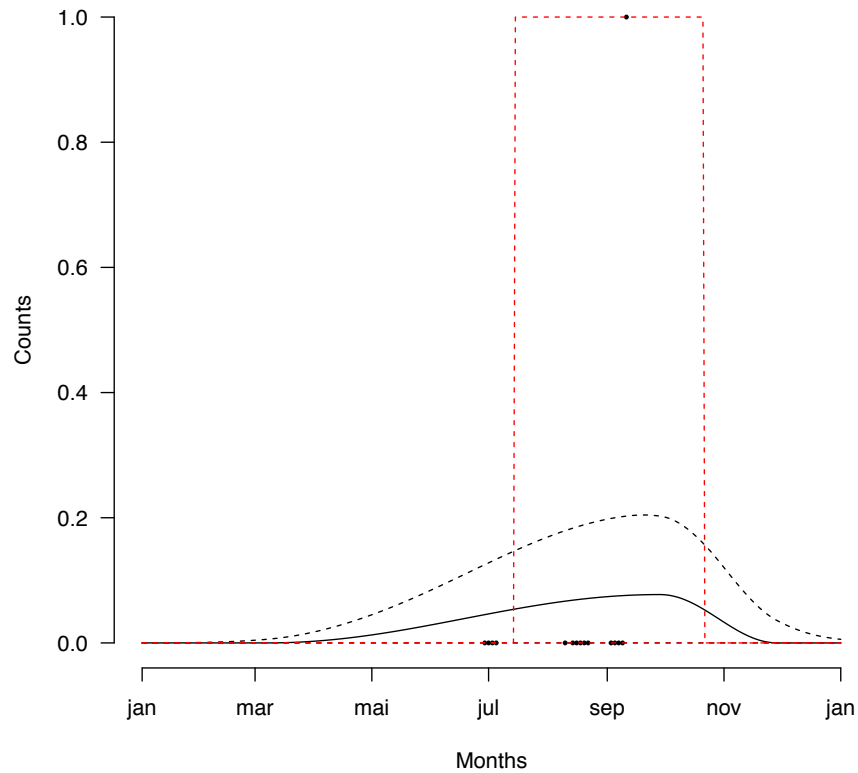
```
##
## Number of timeseries: 1
## -----
## 5#anse a l'eau@saint francois-2007
## -----
## Estimation without the observed data
## Total number of counts: 34.2732 ; SD 24.1672
## Estimation taking into account the observed data
## Total number of counts: 34.0745 ; SD 23.326
## 95% confidence interval: 1 - 80.7264
```

5#anse a l'eau@saint francois-2009



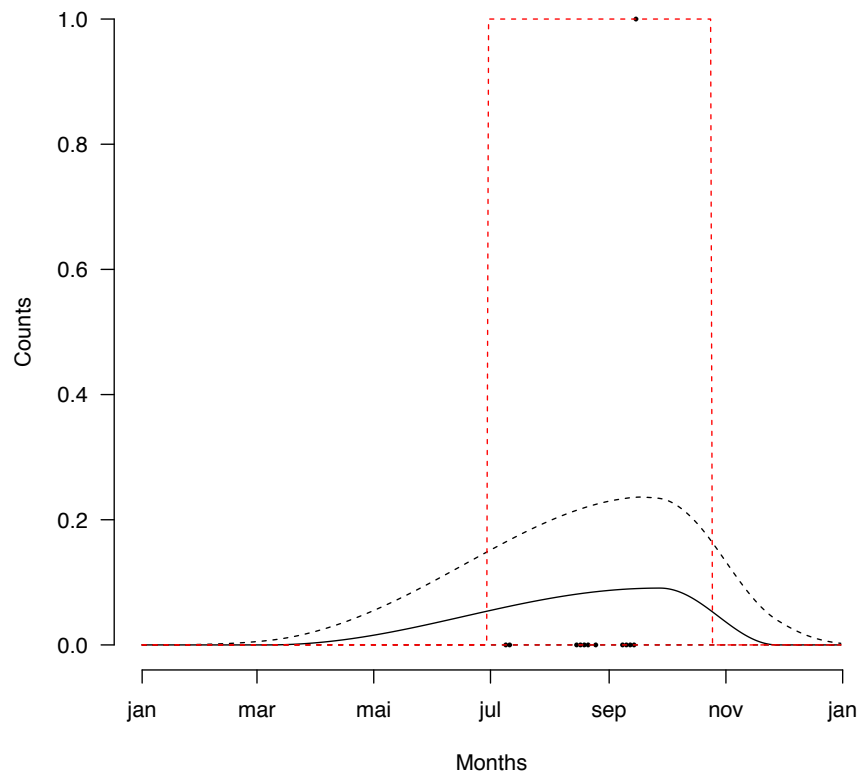
```
##
## Number of timeseries: 1
## -----
## 5#anse a l'eau@saint francois-2009
## -----
## Estimation without the observed data
## Total number of counts: 11.6816 ; SD 8.1687
## Estimation taking into account the observed data
## Total number of counts: 11.5849 ; SD 7.4182
## 95% confidence interval: 1 - 26.4213
```


5#anse a l'eau@saint francois-2011



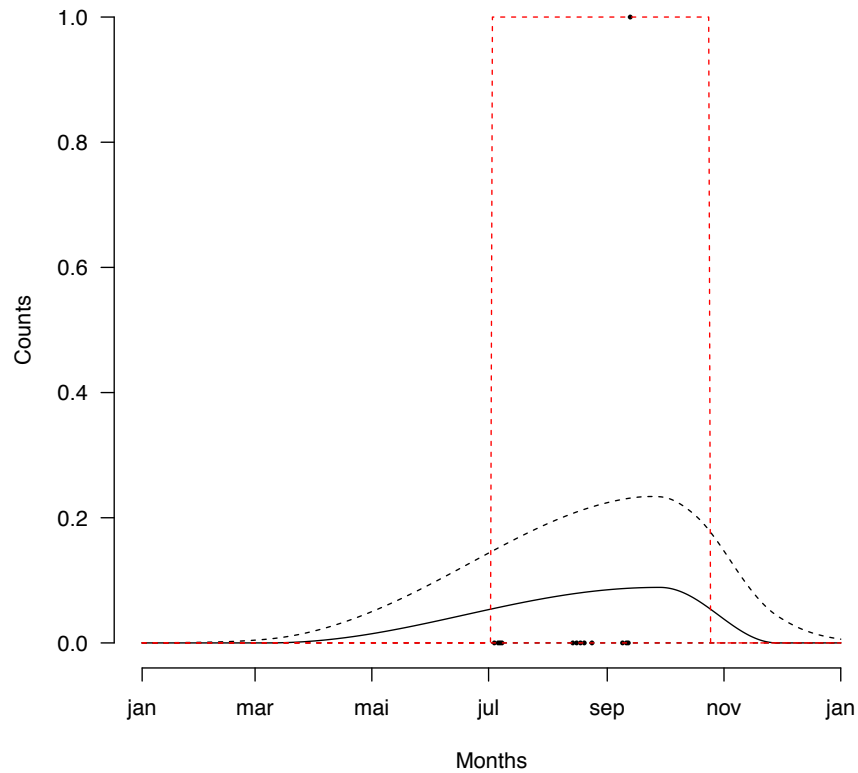
```
##
## Number of timeseries: 1
## -----
## 5#anse a l'eau@saint francois-2011
## -----
## Estimation without the observed data
## Total number of counts: 12.5505 ; SD 8.7368
## Estimation taking into account the observed data
## Total number of counts: 12.3722 ; SD 7.9276
## 95% confidence interval: 1 - 28.2275
```

5#anse a l'eau@saint francois-2012



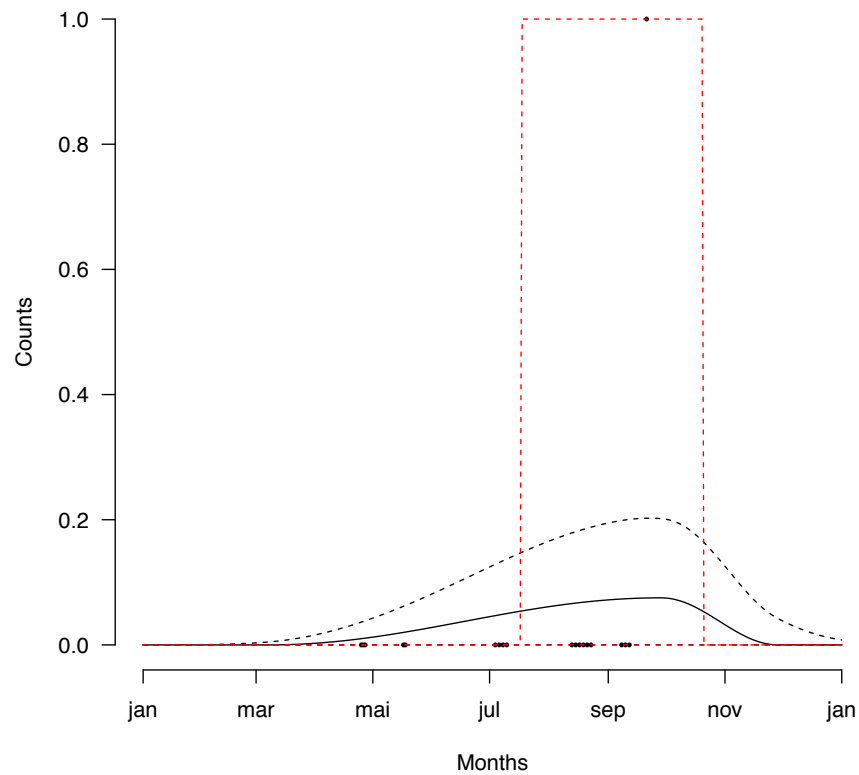
```
##
## Number of timeseries: 1
## -----
## 5#anse a l'eau@saint francois-2012
## -----
## Estimation without the observed data
## Total number of counts: 13.8772 ; SD 10.0479
## Estimation taking into account the observed data
## Total number of counts: 13.7653 ; SD 9.254
## 95% confidence interval: 1 - 32.2732
```

5#anse a l'eau@saint francois-2013



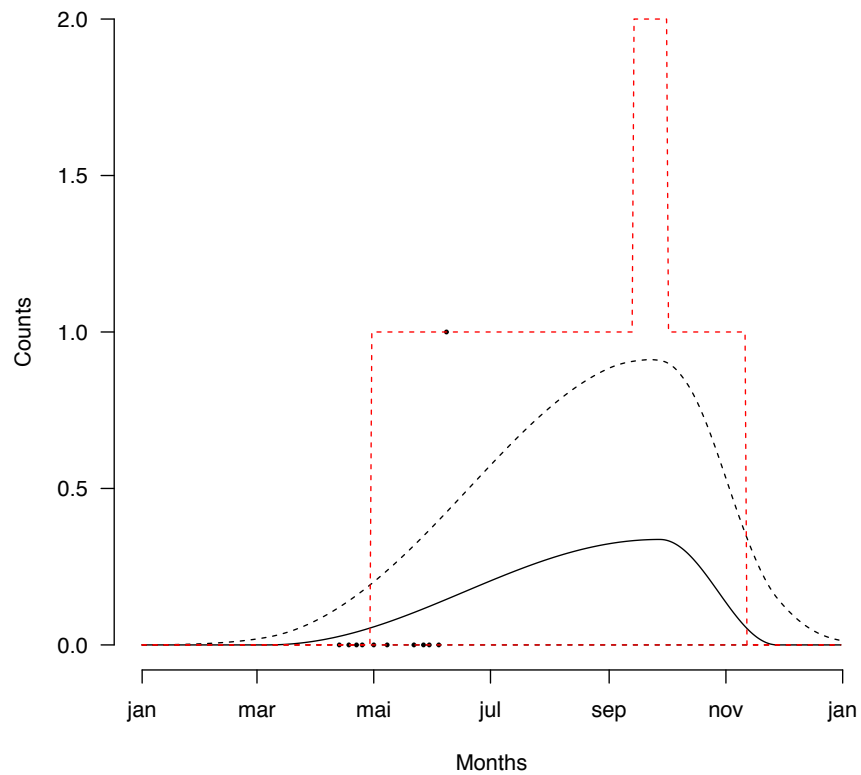
```
##
## Number of timeseries: 1
## -----
## 5#anse a l'eau@saint francois-2013
## -----
## Estimation without the observed data
## Total number of counts: 14.2742 ; SD 10.0442
## Estimation taking into account the observed data
## Total number of counts: 14.1219 ; SD 9.2569
## 95% confidence interval: 1 - 32.6357
```

5#anse a l'eau@saint francois-2014



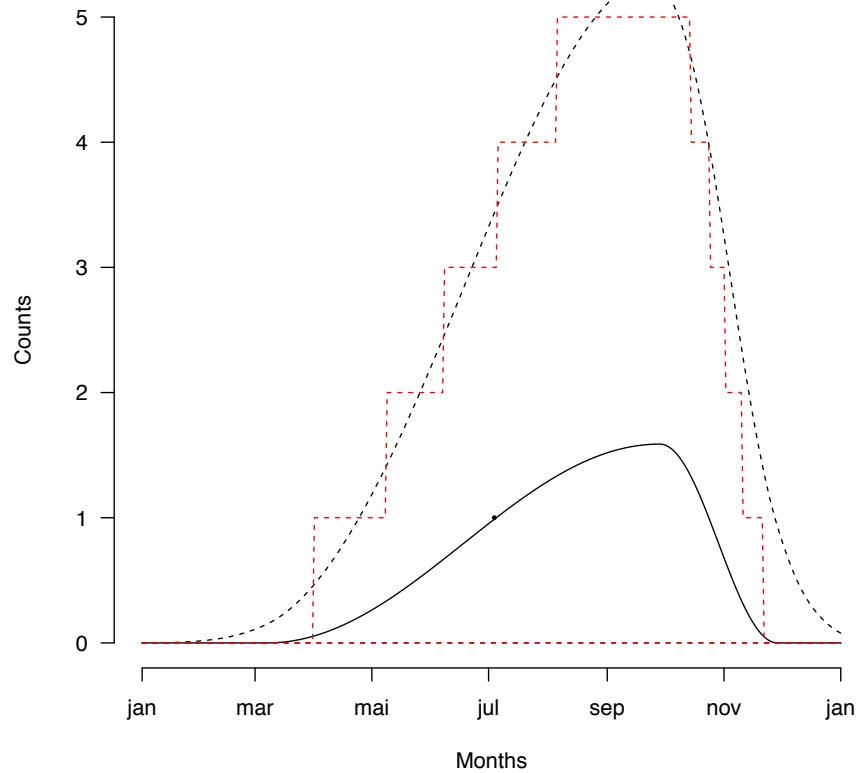
```
##
## Number of timeseries: 1
## -----
## 5#anse a l'eau@saint francois-2014
## -----
## Estimation without the observed data
## Total number of counts: 12.3316 ; SD 8.8374
## Estimation taking into account the observed data
## Total number of counts: 12.1633 ; SD 8.0249
## 95% confidence interval: 1 - 28.2131
```

5#anse conchou@le moule-2008



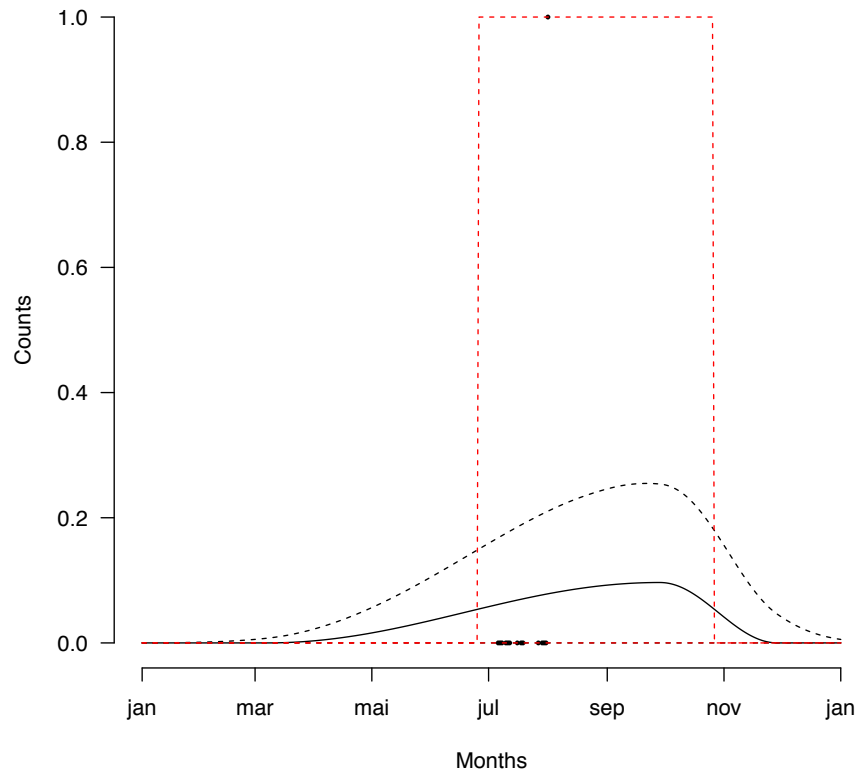
```
##
## Number of timeseries: 1
## -----
## 5#anse conchou@le moule-2008
## -----
## Estimation without the observed data
## Total number of counts: 55.0647 ; SD 39.2986
## Estimation taking into account the observed data
## Total number of counts: 54.936 ; SD 38.4961
## 95% confidence interval: 1 - 131.9282
```

5#anse conchou@le moule-2013



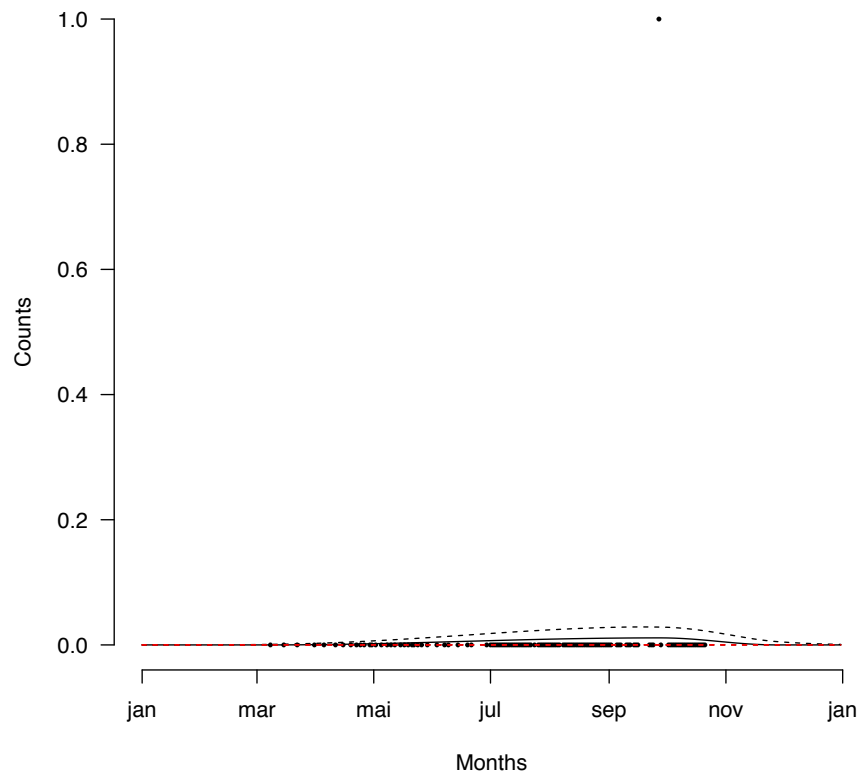
```
##
## Number of timeseries: 1
## -----
## 5#anse conchou@le moule-2013
## -----
## Estimation without the observed data
## Total number of counts: 354.1757 ; SD 255.4267
## Estimation taking into account the observed data
## Total number of counts: 353.5459 ; SD 254.2542
## 95% confidence interval: 1 - 862.0542
```

5#anse des chateaux@saint francois-2007



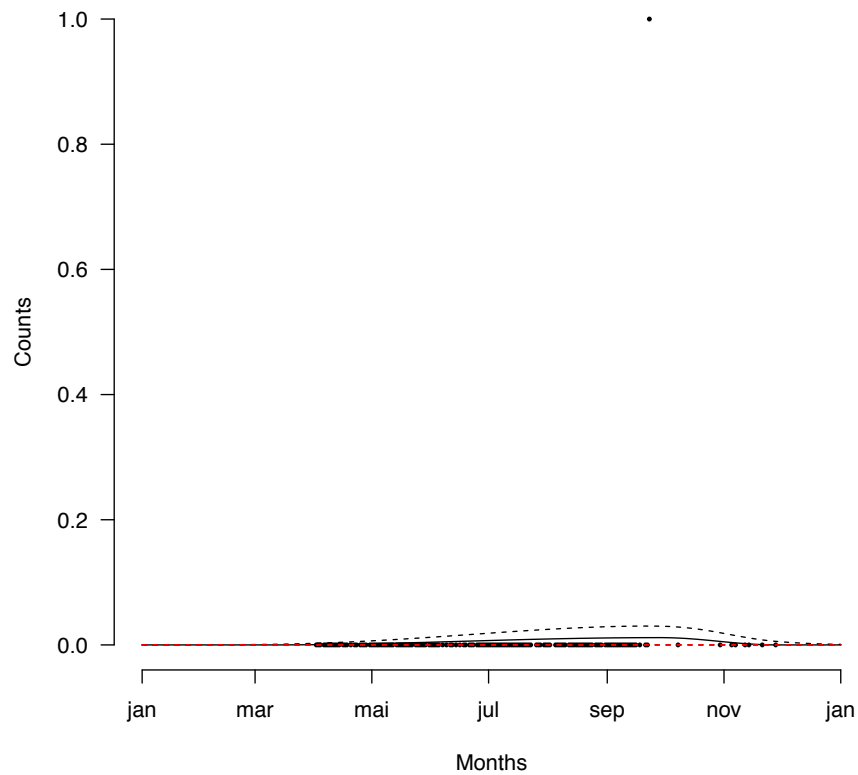
```
##
## Number of timeseries: 1
## -----
## 5#anse des chateaux@saint francois-2007
## -----
## Estimation without the observed data
## Total number of counts: 15.4583 ; SD 10.9662
## Estimation taking into account the observed data
## Total number of counts: 15.3052 ; SD 10.1654
## 95% confidence interval: 1 - 35.6359
```

5#anse des chateaux@saint francois-2008



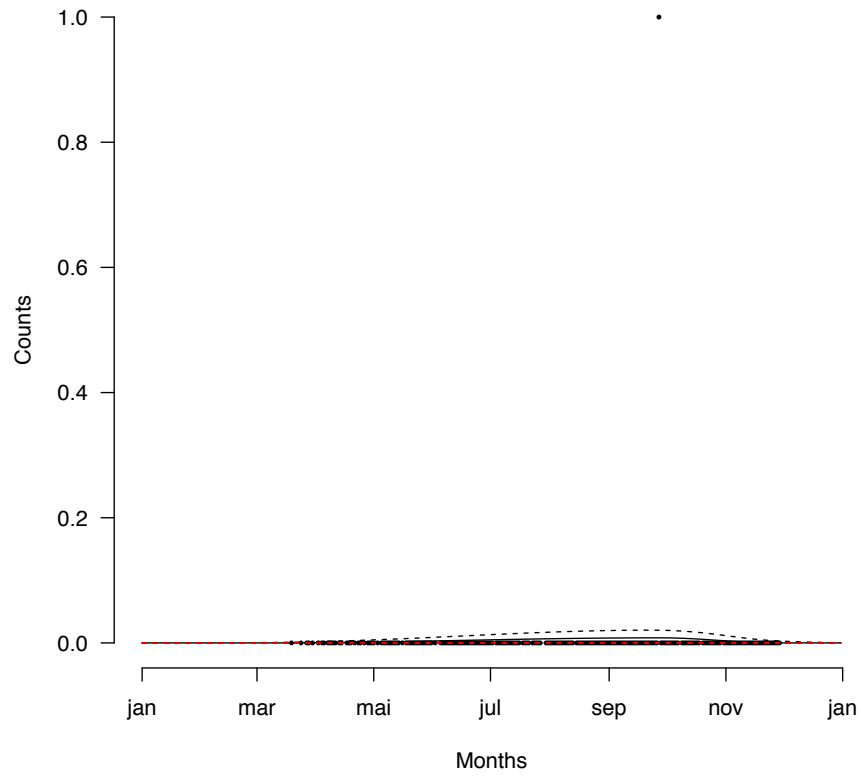
```
##
## Number of timeseries: 1
## -----
## 5#anse des chateaux@saint francois-2008
## -----
## Estimation without the observed data
## Total number of counts: 1.6874 ; SD 1.2215
## Estimation taking into account the observed data
## Total number of counts: 1.6037 ; SD 0.4596
## 95% confidence interval: 1 - 2.5229
```


5#anse des chateaux@saint francois-2009



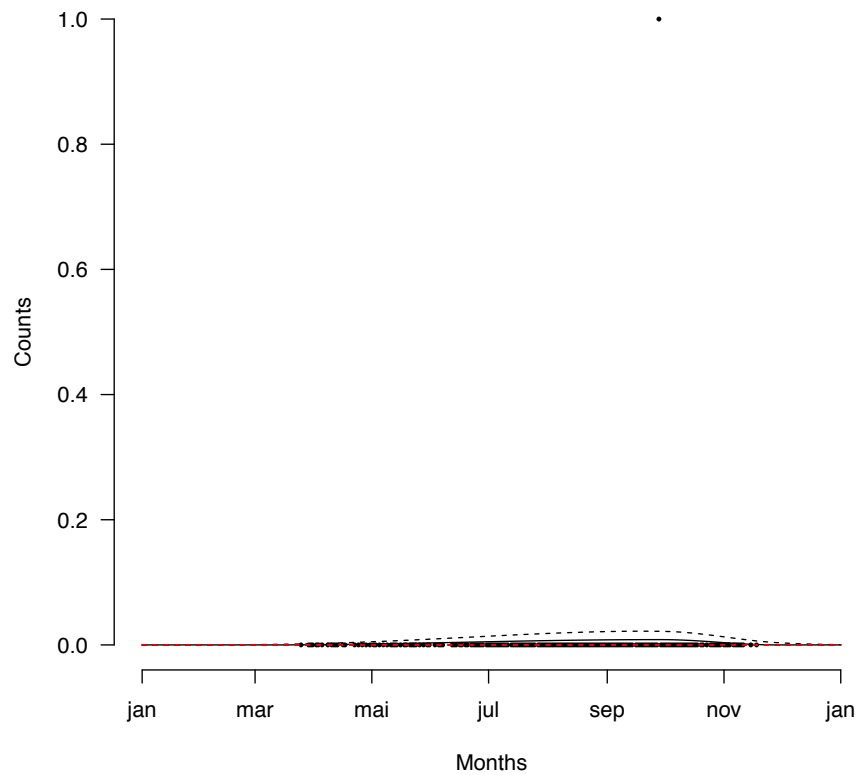
```
##
## Number of timeseries: 1
## -----
## 5#anse des chateaux@saint francois-2009
## -----
## Estimation without the observed data
## Total number of counts: 1.8176 ; SD 1.2692
## Estimation taking into account the observed data
## Total number of counts: 1.6736 ; SD 0.5069
## 95% confidence interval: 1 - 2.6874
```

5#anse des chateaux@saint francois-2012



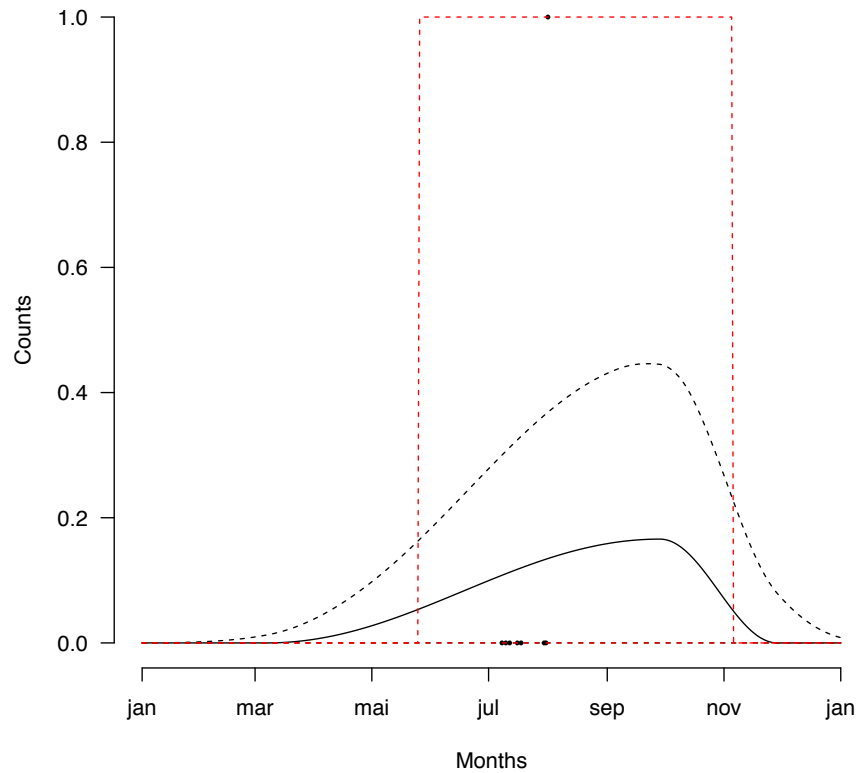
```
##
## Number of timeseries: 1
## -----
## 5#anse des chateaux@saint francois-2012
## -----
## Estimation without the observed data
## Total number of counts: 1.2789 ; SD 0.864
## Estimation taking into account the observed data
## Total number of counts: 1.107 ; SD 0.0803
## 95% confidence interval: 1 - 1.2675
```

5#anse des chateaux@saint francois-2014



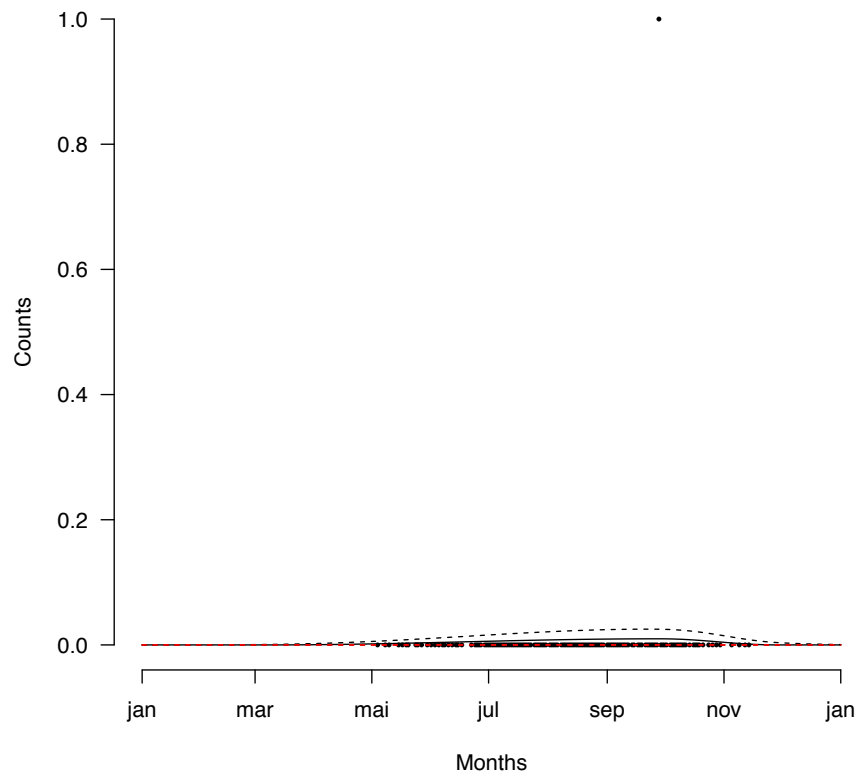
```
##
## Number of timeseries: 1
## -----
## 5#anse des chateaux@saint francois-2014
## -----
## Estimation without the observed data
## Total number of counts: 1.3145 ; SD 0.9347
## Estimation taking into account the observed data
## Total number of counts: 1.1824 ; SD 0.1432
## 95% confidence interval: 1 - 1.4687
```

5#anse des salines@saint francois-2007



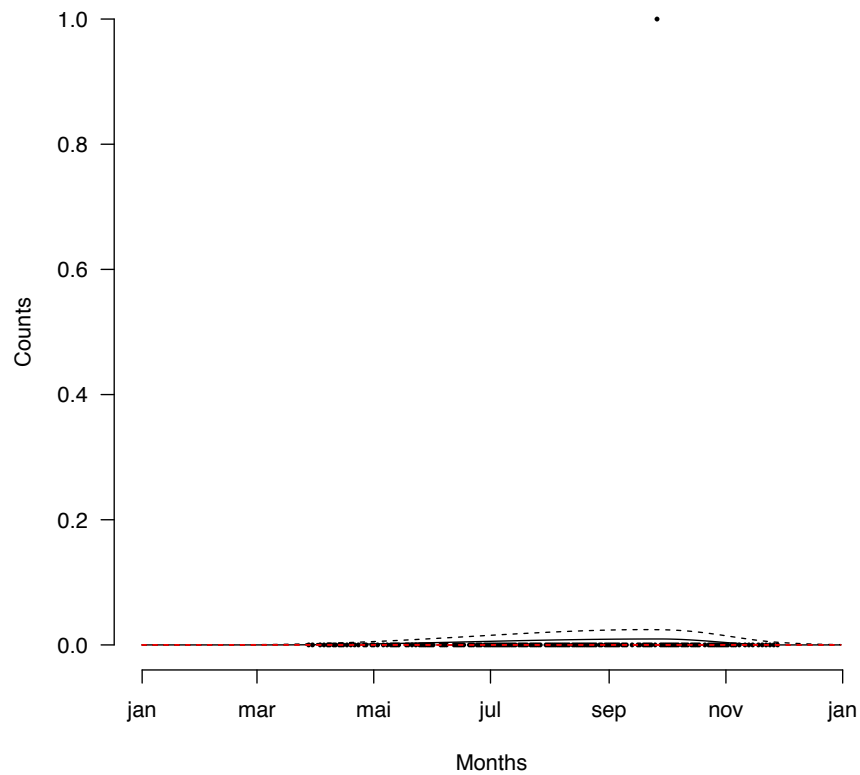
```
##
## Number of timeseries: 1
## -----
## 5#anse des salines@saint francois-2007
## -----
## Estimation without the observed data
## Total number of counts: 27.7458 ; SD 19.4555
## Estimation taking into account the observed data
## Total number of counts: 27.5428 ; SD 18.6307
## 95% confidence interval: 1 - 64.8043
```

5#anse des salines@saint francois-2011



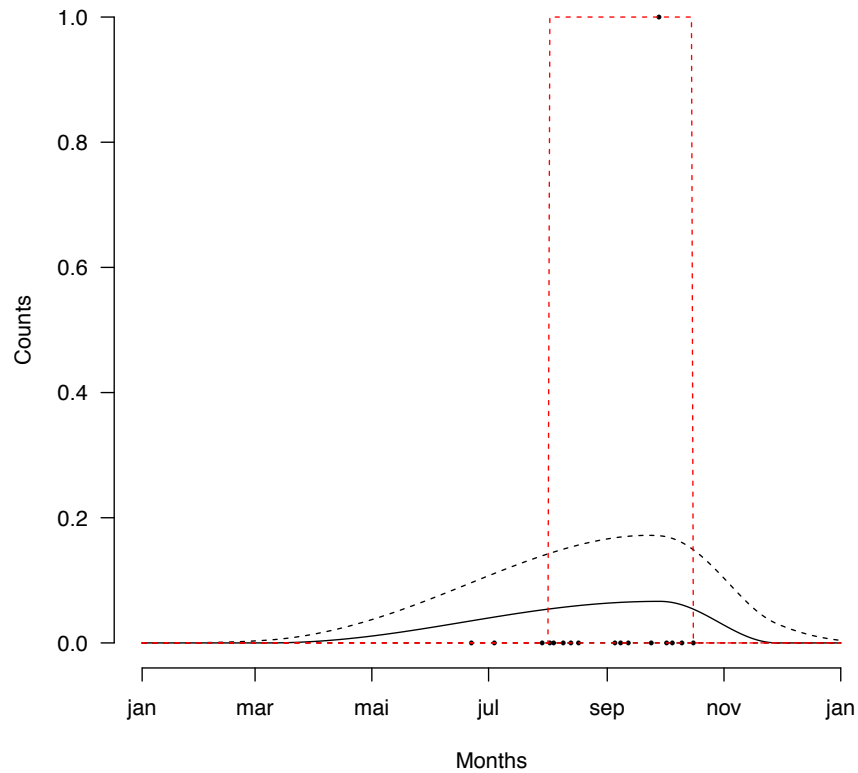
```
##
## Number of timeseries: 1
## -----
## 5#anse des salines@saint francois-2011
## -----
## Estimation without the observed data
## Total number of counts: 1.5101 ; SD 1.0653
## Estimation taking into account the observed data
## Total number of counts: 1.3839 ; SD 0.2862
## 95% confidence interval: 1 - 1.9563
```

5#anse des salines@saint francois-2012



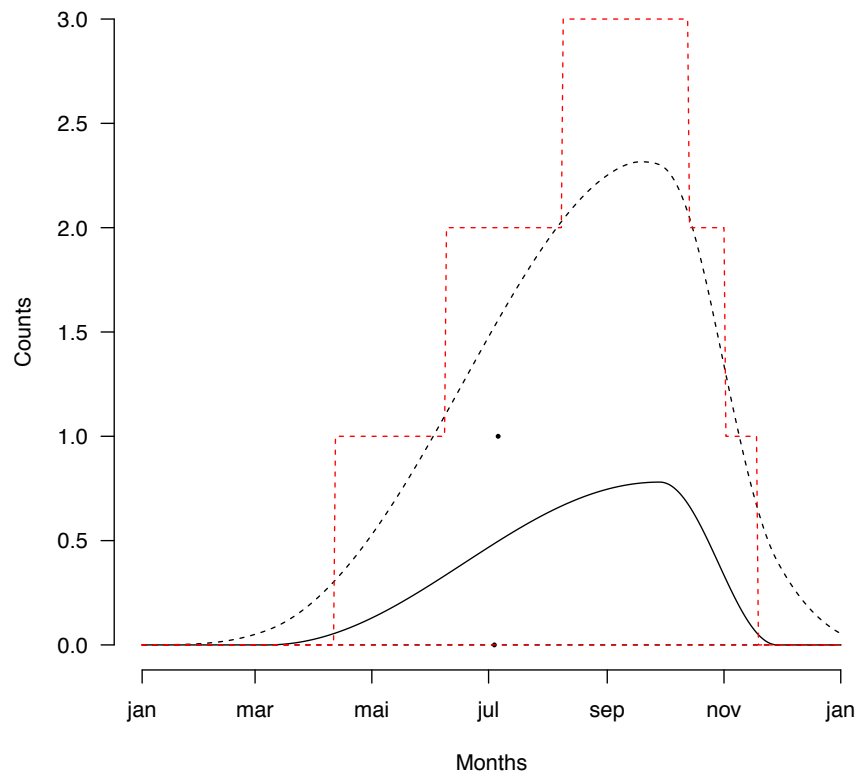
```
##
## Number of timeseries: 1
## -----
## 5#anse des salines@saint francois-2012
## -----
## Estimation without the observed data
## Total number of counts: 1.4724 ; SD 1.0325
## Estimation taking into account the observed data
## Total number of counts: 1.332 ; SD 0.2384
## 95% confidence interval: 1 - 1.8087
```

5#anse maurice@petit canal-2013



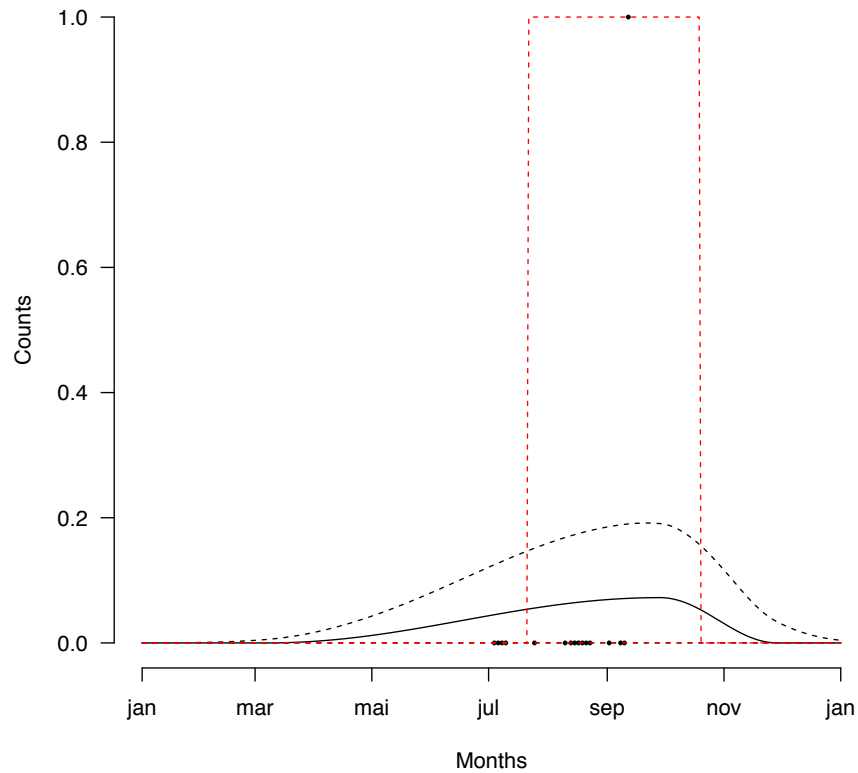
```
##
## Number of timeseries: 1
## -----
## 5#anse maurice@petit canal-2013
## -----
## Estimation without the observed data
## Total number of counts: 10.2169 ; SD 7.3253
## Estimation taking into account the observed data
## Total number of counts: 10.128 ; SD 6.5566
## 95% confidence interval: 1 - 23.2412
```

5#anse montal (dauphins)@le moule-2013



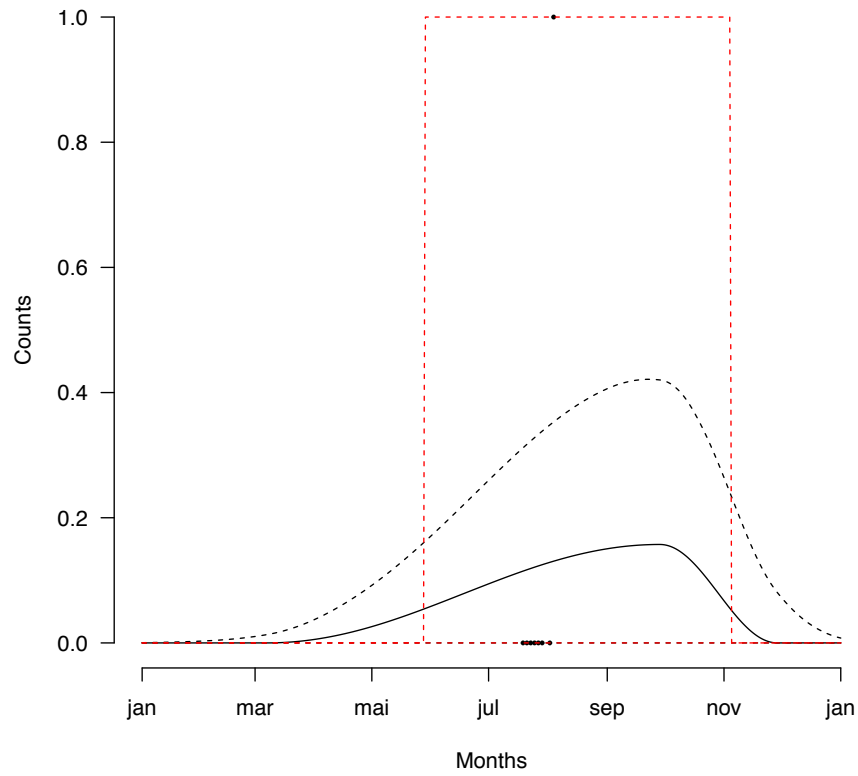
```
##
## Number of timeseries: 1
## -----
## 5#anse montal (dauphins)@le moule-2013
## -----
## Estimation without the observed data
## Total number of counts: 142.4918 ; SD 108.2795
## Estimation taking into account the observed data
## Total number of counts: 142.1616 ; SD 107.2642
## 95% confidence interval: 1 - 356.69
```


5#anse montal (dauphins)@le moule-2014



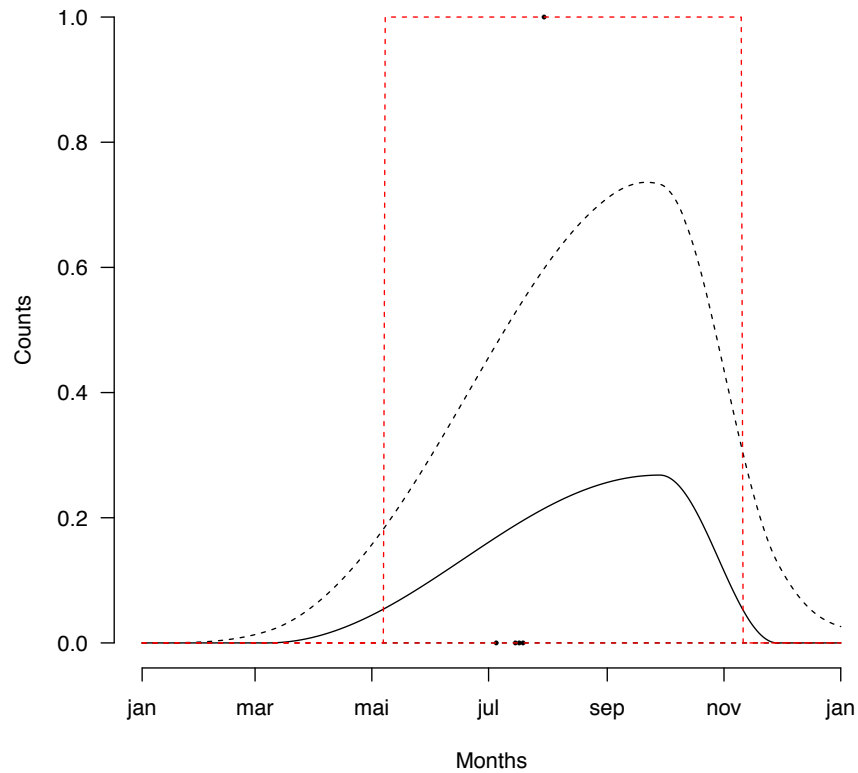
```
##
## Number of timeseries: 1
## -----
## 5#anse montal (dauphins)@le moule-2014
## -----
## Estimation without the observed data
## Total number of counts: 11.9519 ; SD 8.3723
## Estimation taking into account the observed data
## Total number of counts: 11.7624 ; SD 7.5598
## 95% confidence interval: 1 - 26.8819
```

5#anse tarare@saint francois-2006



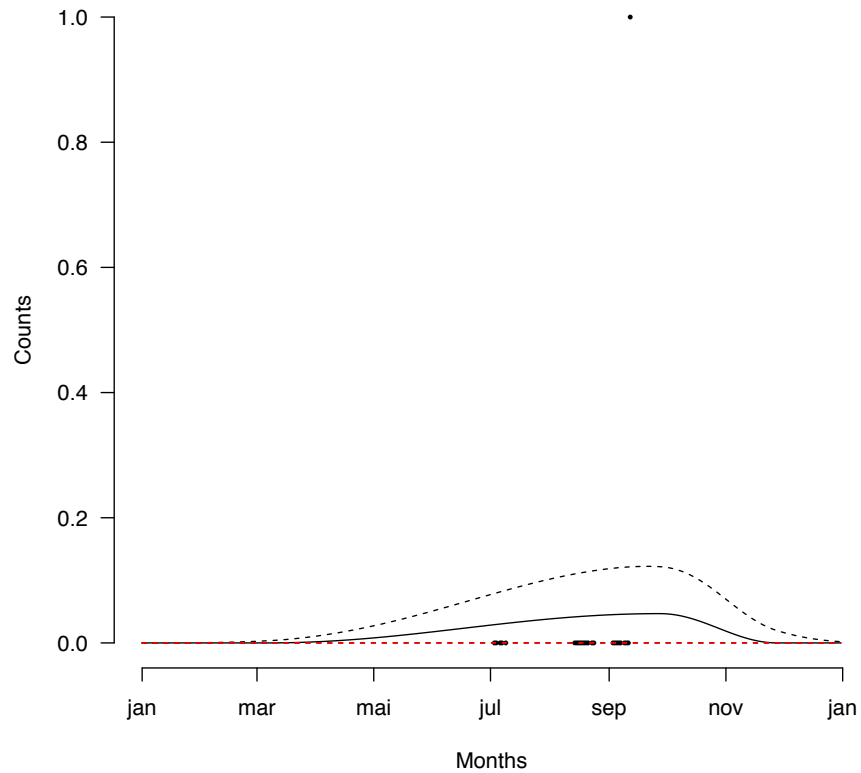
```
##
## Number of timeseries: 1
## -----
## 5#anse tarare@saint francois-2006
## -----
## Estimation without the observed data
## Total number of counts: 25.8068 ; SD 18.2409
## Estimation taking into account the observed data
## Total number of counts: 25.6257 ; SD 17.4294
## 95% confidence interval: 1 - 60.4845
```

5#baie olive (anse a la baie)@saint francois-2007



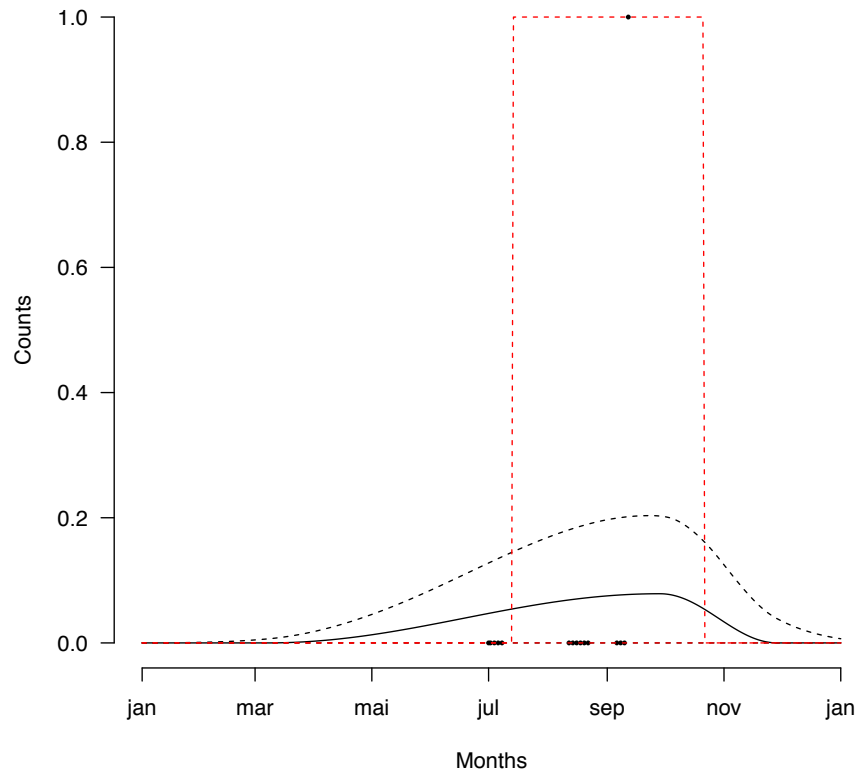
```
##
## Number of timeseries: 1
## -----
## 5#baie olive (anse a la baie)@saint francois-2007
## -----
## Estimation without the observed data
## Total number of counts: 45.8365 ; SD 32.1577
## Estimation taking into account the observed data
## Total number of counts: 45.6326 ; SD 31.3196
## 95% confidence interval: 1 - 108.2719
```

5#baie olive (anse a la baie)@saint francois-2008



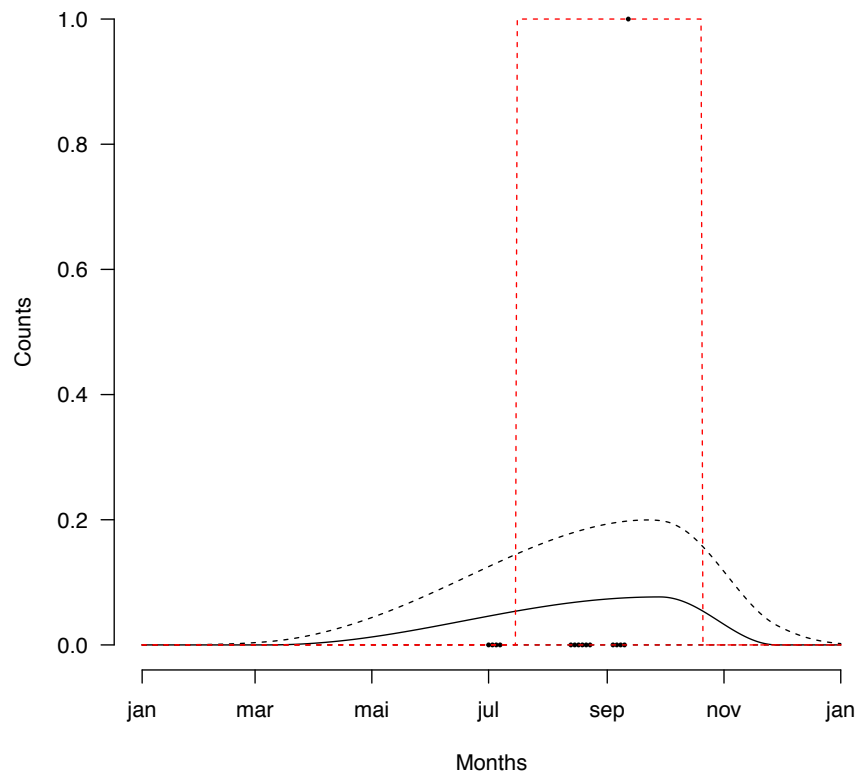
```
##
## Number of timeseries: 1
## -----
## 5#baie olive (anse a la baie)@saint francois-2008
## -----
## Estimation without the observed data
## Total number of counts: 7.5684 ; SD 5.2072
## Estimation taking into account the observed data
## Total number of counts: 7.3864 ; SD 4.4082
## 95% confidence interval: 1 - 16.2028
```

5#baie olive (anse a la baie)@saint francois-2009



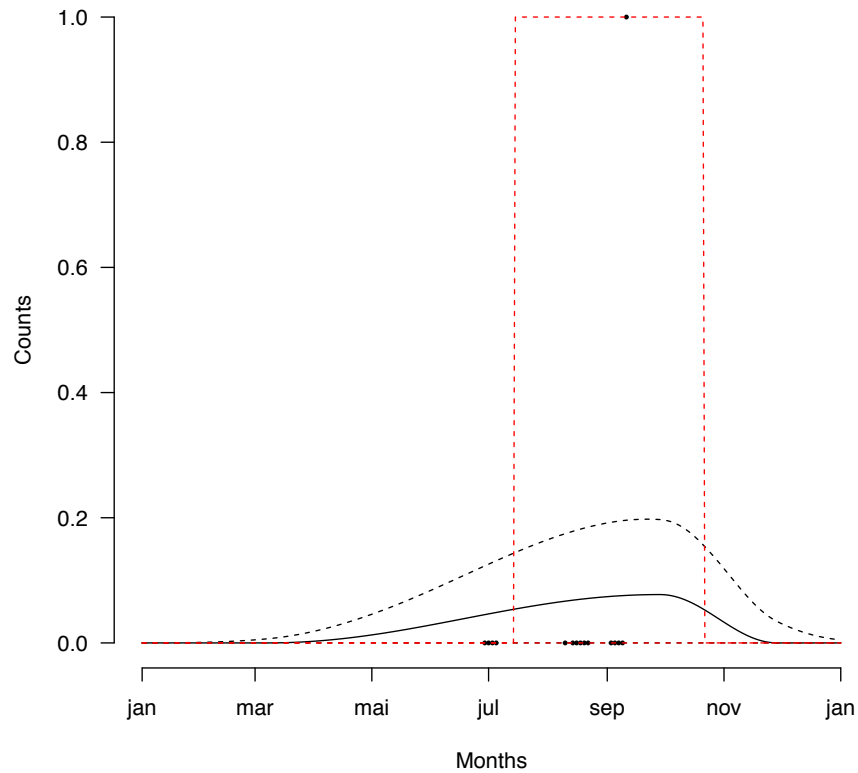
```
##
## Number of timeseries: 1
## -----
## 5#baie olive (anse a la baie)@saint francois-2009
## -----
## Estimation without the observed data
## Total number of counts: 12.521 ; SD 8.7078
## Estimation taking into account the observed data
## Total number of counts: 12.3732 ; SD 7.9309
## 95% confidence interval: 1 - 28.235
```

5#baie olive (anse a la baie)@saint francois-2010



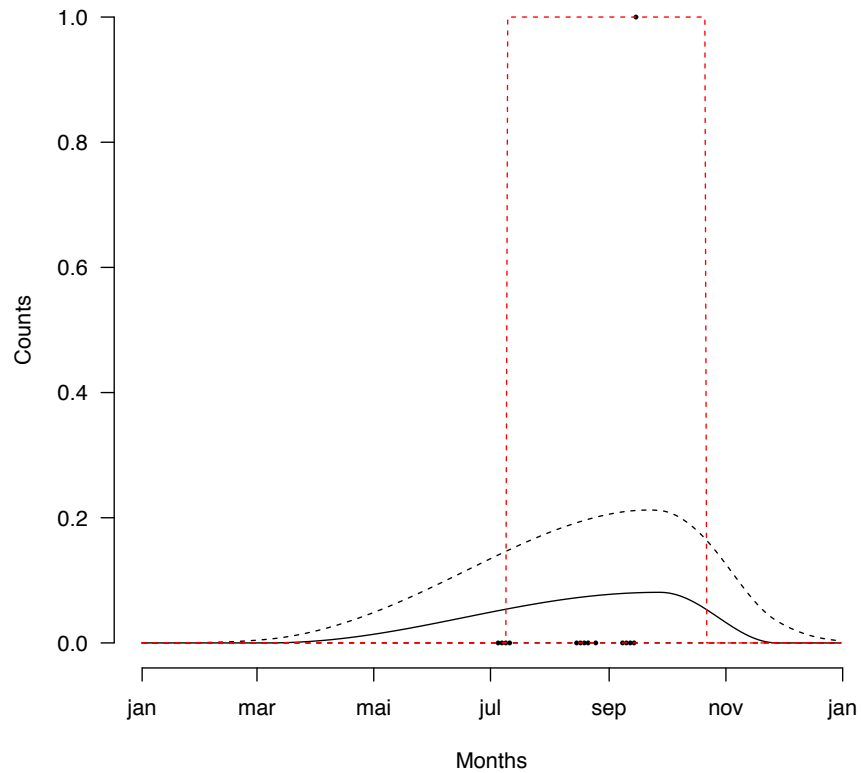
```
##
## Number of timeseries: 1
## -----
## 5#baie olive (anse a la baie)@saint francois-2010
## -----
## Estimation without the observed data
## Total number of counts: 12.4126 ; SD 8.3882
## Estimation taking into account the observed data
## Total number of counts: 12.227 ; SD 7.5991
## 95% confidence interval: 1 - 27.4251
```

5#baie olive (anse a la baie)@saint francois-2011



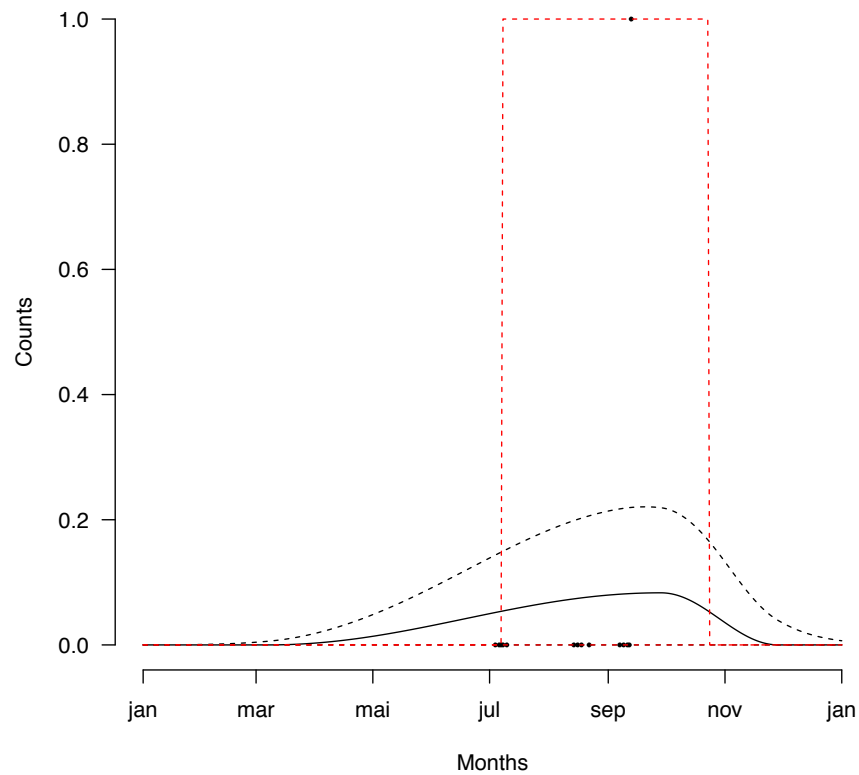
```
##
## Number of timeseries: 1
## -----
## 5#baie olive (anse a la baie)@saint francois-2011
## -----
## Estimation without the observed data
## Total number of counts: 12.1257 ; SD 8.4696
## Estimation taking into account the observed data
## Total number of counts: 11.9963 ; SD 7.6956
## 95% confidence interval: 1 - 27.3875
```

5#baie olive (anse a la baie)@saint francois-2012



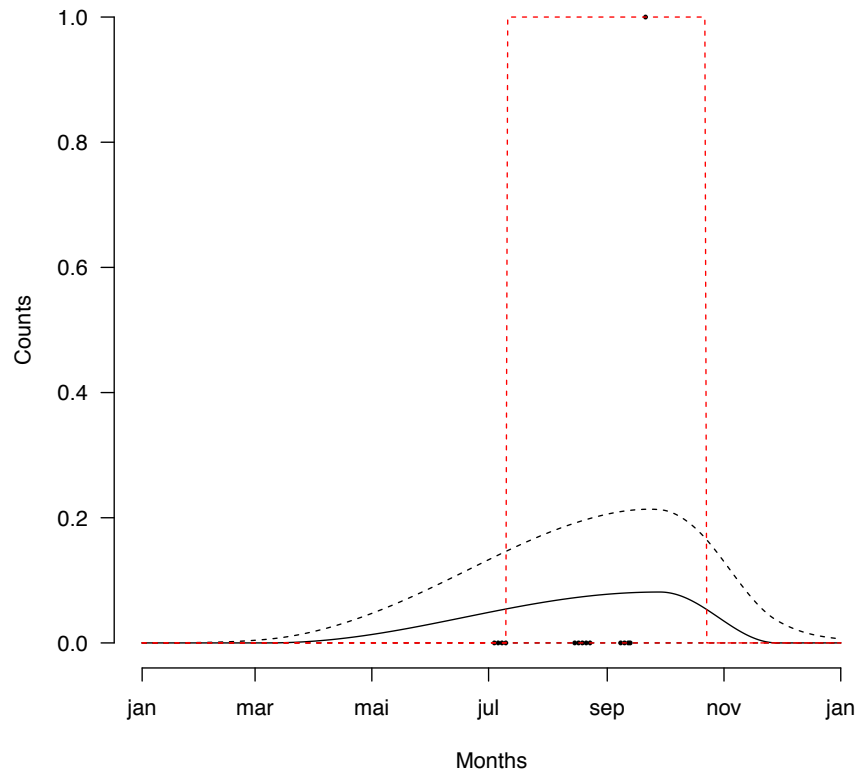
```
##
## Number of timeseries: 1
## -----
## 5#baie olive (anse a la baie)@saint francois-2012
## -----
## Estimation without the observed data
## Total number of counts: 13.2733 ; SD 9.1639
## Estimation taking into account the observed data
## Total number of counts: 13.0866 ; SD 8.3649
## 95% confidence interval: 1 - 29.8164
```


5#baie olive (anse a la baie)@saint francois-2013



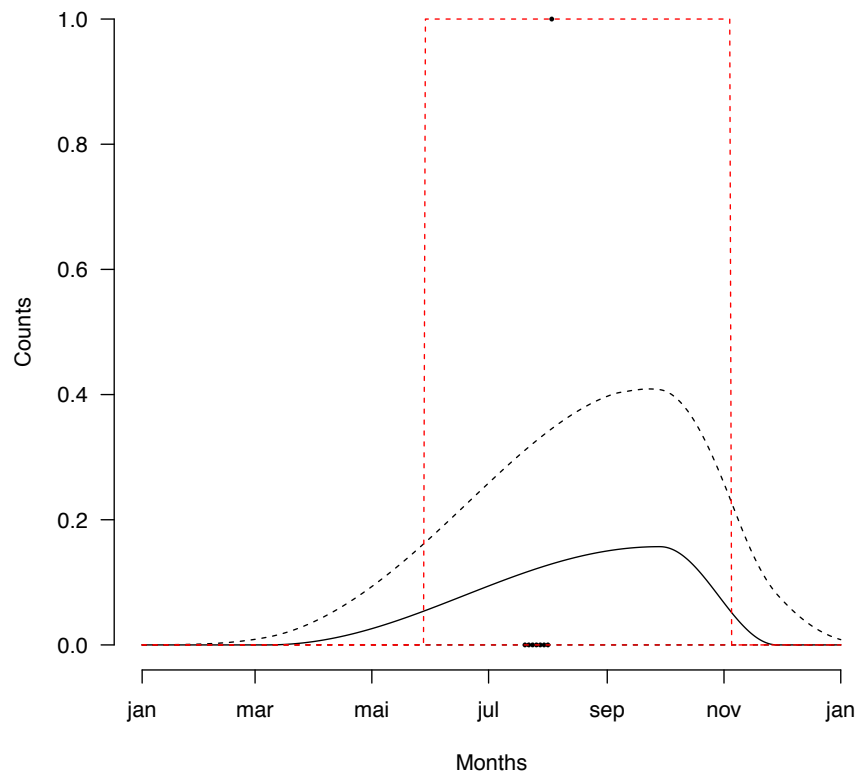
```
##
## Number of timeseries: 1
## -----
## 5#baie olive (anse a la baie)@saint francois-2013
## -----
## Estimation without the observed data
## Total number of counts: 13.7323 ; SD 9.5982
## Estimation taking into account the observed data
## Total number of counts: 13.5431 ; SD 8.7848
## 95% confidence interval: 1 - 31.1126
```

5#baie olive (anse a la baie)@saint francois-2014



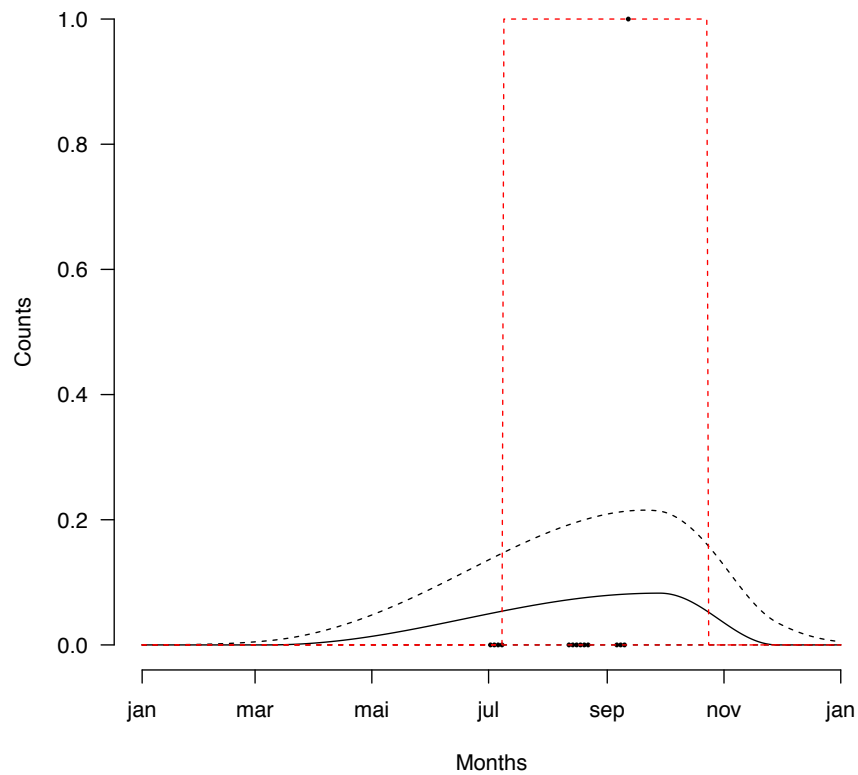
```
##
## Number of timeseries: 1
## -----
## 5#baie olive (anse a la baie)@saint francois-2014
## -----
## Estimation without the observed data
## Total number of counts: 12.5917 ; SD 9.1912
## Estimation taking into account the observed data
## Total number of counts: 12.4791 ; SD 8.3975
## 95% confidence interval: 1 - 29.2741
```

5#plage de l'autre bord (alizes)@le moule-2006



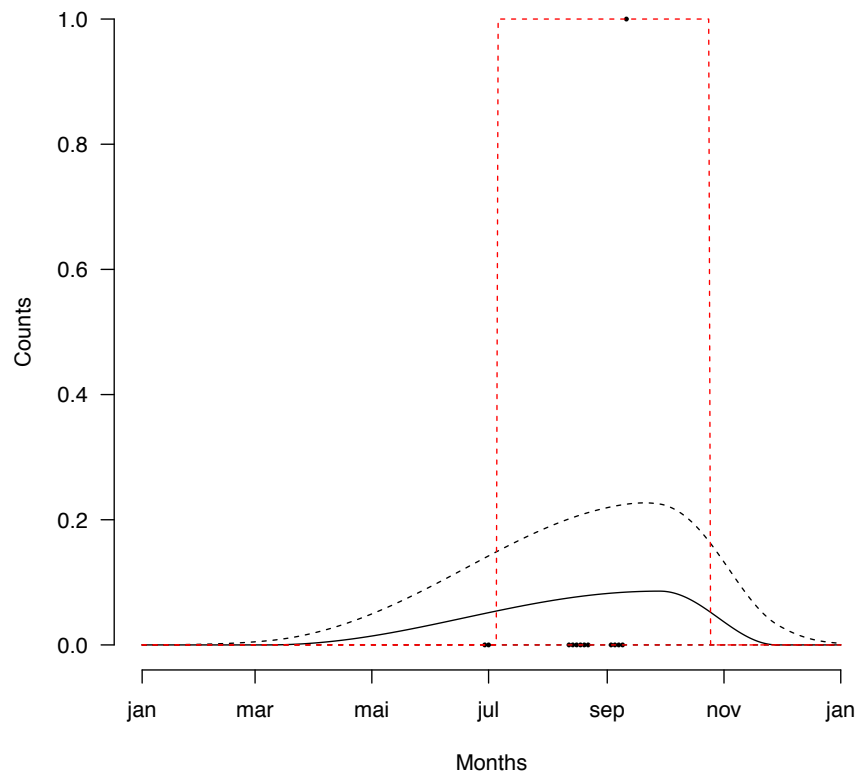
```
##
## Number of timeseries: 1
## -----
## 5#plage de l'autre bord (alizes)@le moule-2006
## -----
## Estimation without the observed data
## Total number of counts: 25.6404 ; SD 17.5909
## Estimation taking into account the observed data
## Total number of counts: 25.4556 ; SD 16.7951
## 95% confidence interval: 1 - 59.0459
```

5#plage de l'autre bord (alizes)@le moule-2009



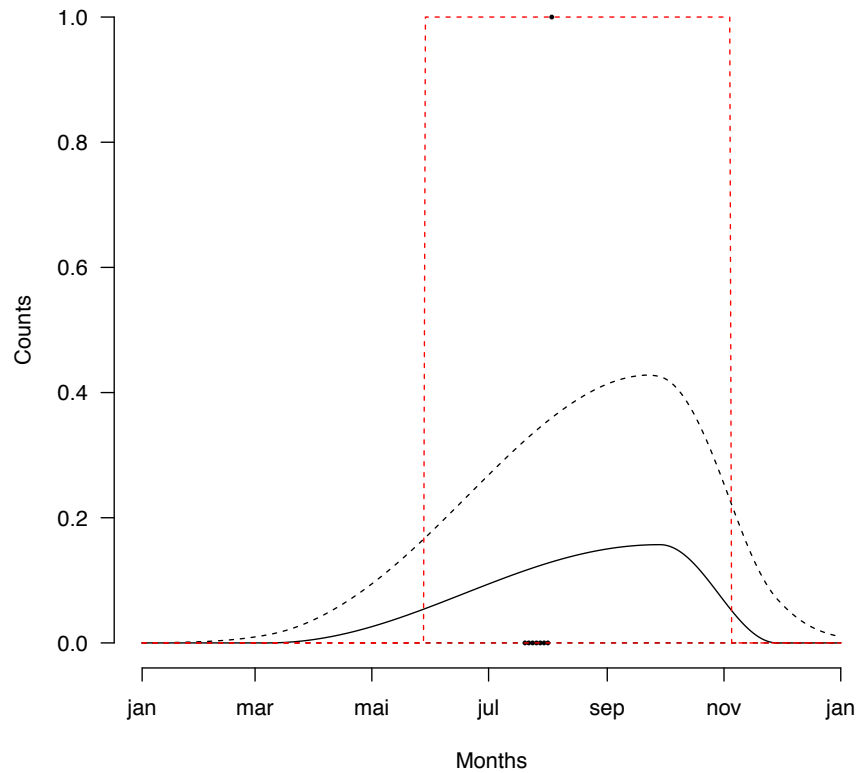
```
##
## Number of timeseries: 1
## -----
## 5#plage de l'autre bord (alizes)@le moule-2009
## -----
## Estimation without the observed data
## Total number of counts: 13.0911 ; SD 9.1253
## Estimation taking into account the observed data
## Total number of counts: 12.9374 ; SD 8.3328
## 95% confidence interval: 1 - 29.603
```

5#plage de l'autre bord (alizes)@le moule-2011



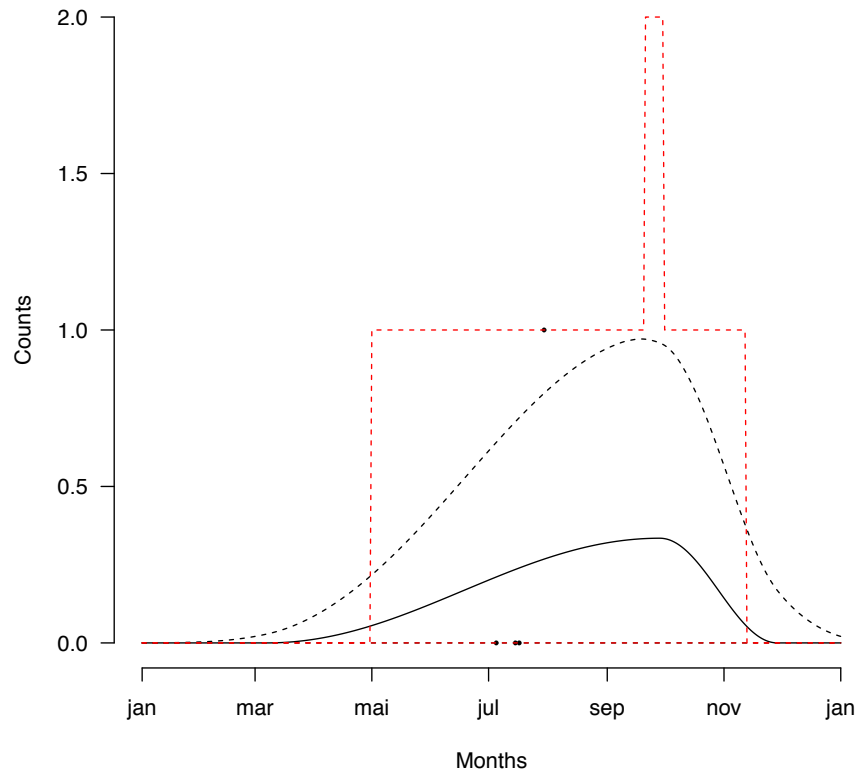
```
##
## Number of timeseries: 1
## -----
## 5#plage de l'autre bord (alizes)@le moule-2011
## -----
## Estimation without the observed data
## Total number of counts: 13.6484 ; SD 9.7346
## Estimation taking into account the observed data
## Total number of counts: 13.4933 ; SD 8.9224
## 95% confidence interval: 1 - 31.3381
```

5#porte d'enfer@le moule-2006



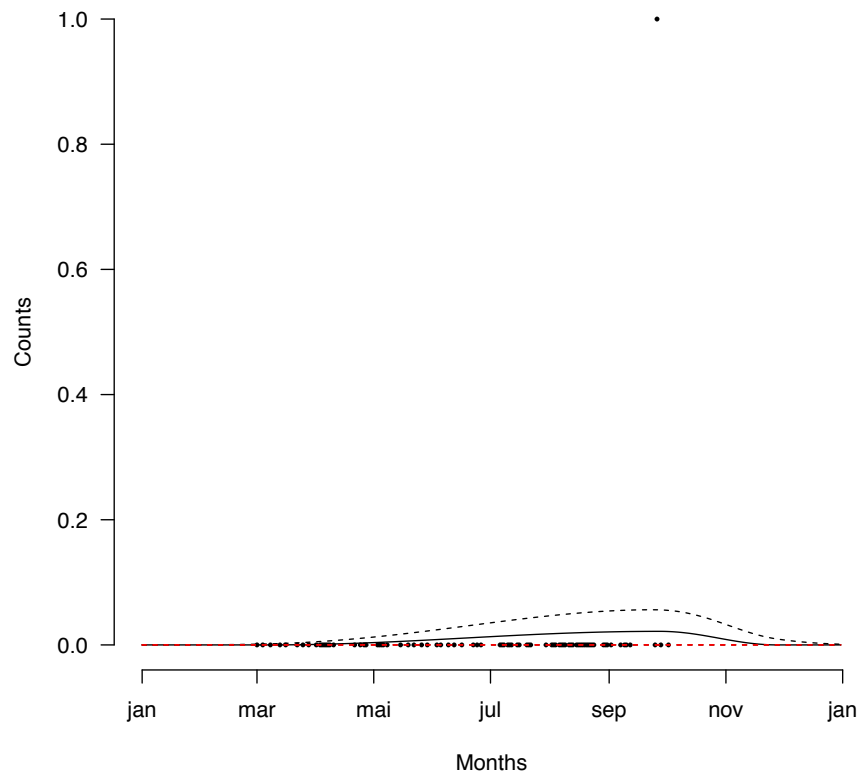
```
##
## Number of timeseries: 1
## -----
## 5#porte d'enfer@le moule-2006
## -----
## Estimation without the observed data
## Total number of counts: 25.9925 ; SD 18.7503
## Estimation taking into account the observed data
## Total number of counts: 25.7874 ; SD 17.8946
## 95% confidence interval: 1 - 61.5765
```

5#rouleaux (baie sainte marie)@saint francois-2007



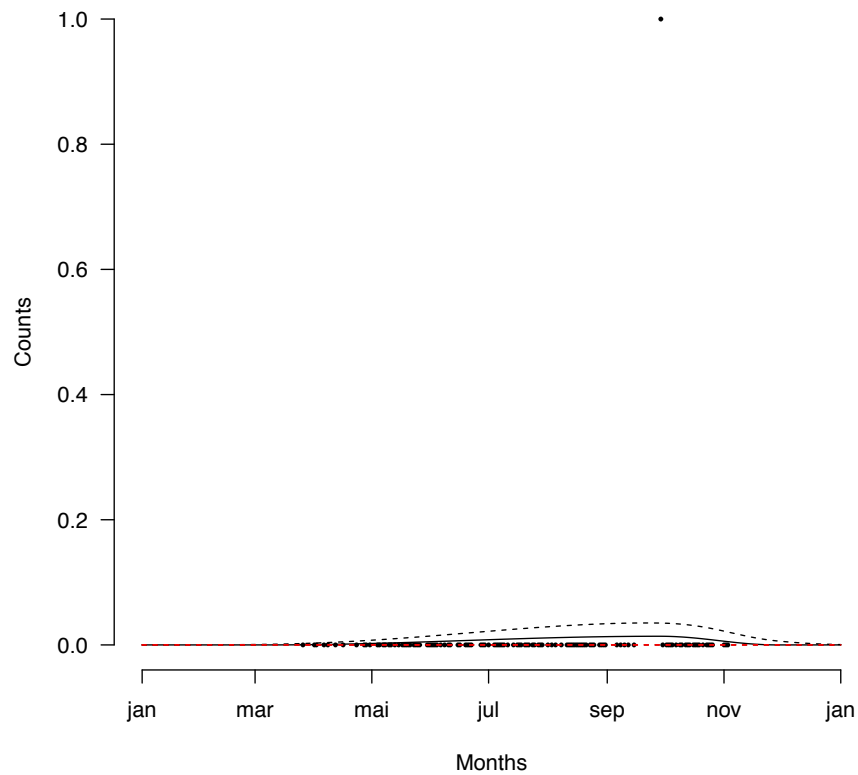
```
##
## Number of timeseries: 1
## -----
## 5#rouleaux (baie sainte marie)@saint francois-2007
## -----
## Estimation without the observed data
## Total number of counts: 58.3515 ; SD 44.0239
## Estimation taking into account the observed data
## Total number of counts: 58.1261 ; SD 43.0959
## 95% confidence interval: 1 - 144.318
```

5#rouleaux (baie sainte marie)@saint francois-2008



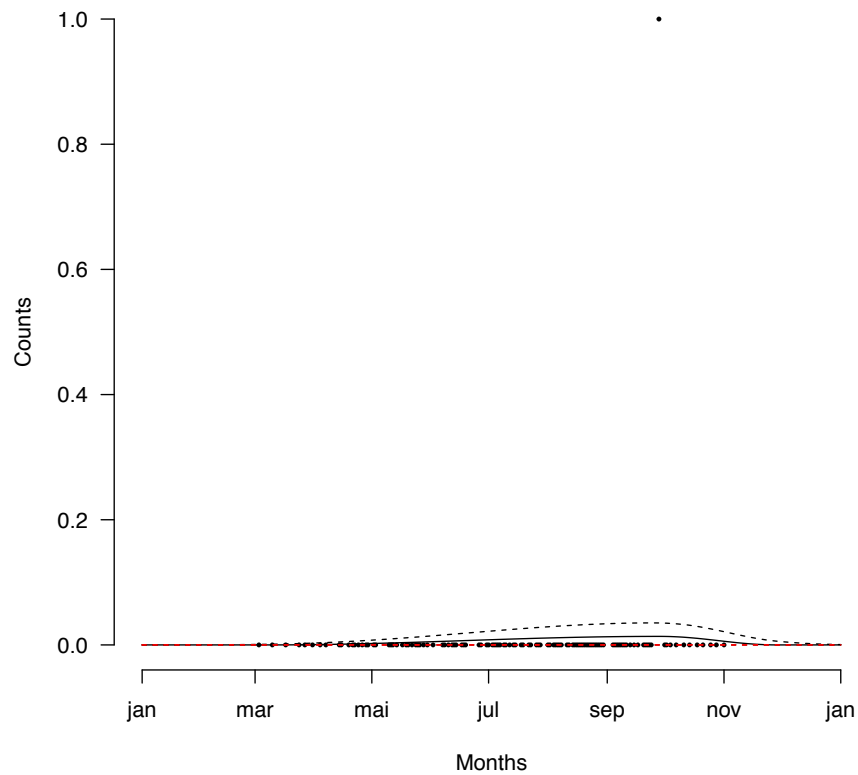
```
##
## Number of timeseries: 1
## -----
## 5#rouleaux (baie sainte marie)@saint francois-2008
## -----
## Estimation without the observed data
## Total number of counts: 3.4212 ; SD 2.374
## Estimation taking into account the observed data
## Total number of counts: 3.2683 ; SD 1.5954
## 95% confidence interval: 1 - 6.4591
```


5#rouleaux (baie sainte marie)@saint francois-2009



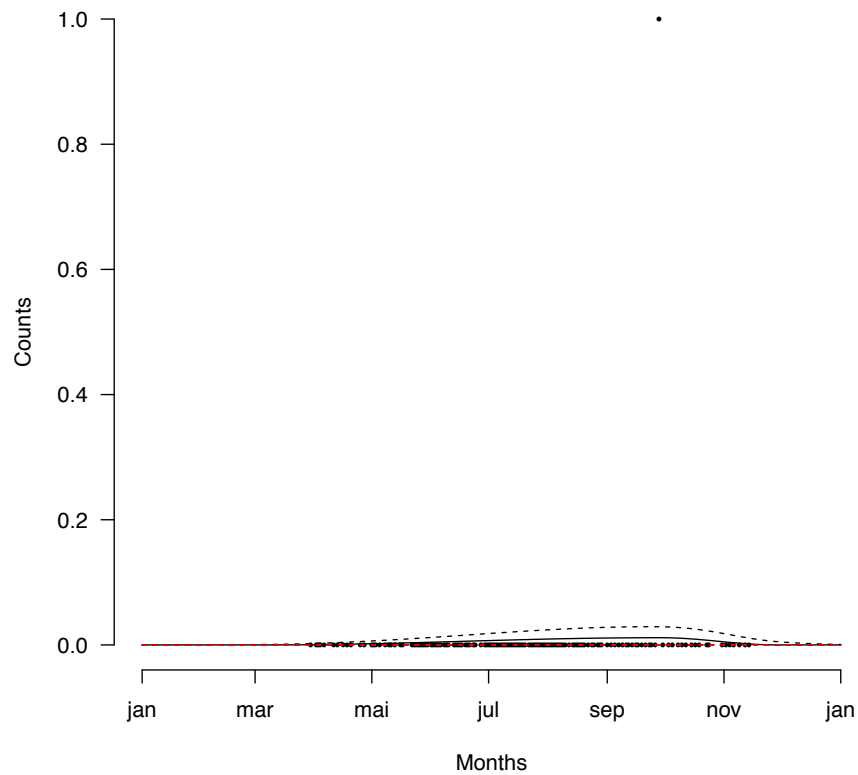
```
##
## Number of timeseries: 1
## -----
## 5#rouleaux (baie sainte marie)@saint francois-2009
## -----
## Estimation without the observed data
## Total number of counts: 2.1464 ; SD 1.4757
## Estimation taking into account the observed data
## Total number of counts: 2.0319 ; SD 0.719
## 95% confidence interval: 1 - 3.4699
```

5#rouleaux (baie sainte marie)@saint francois-2010



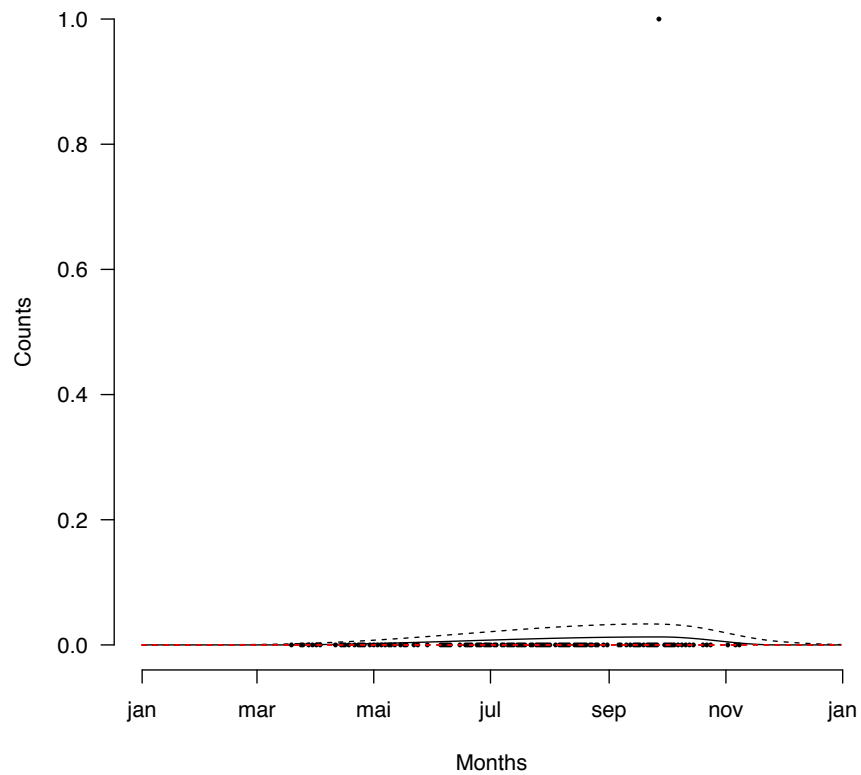
```
##
## Number of timeseries: 1
## -----
## 5#rouleaux (baie sainte marie)@saint francois-2010
## -----
## Estimation without the observed data
## Total number of counts: 2.0788 ; SD 1.4845
## Estimation taking into account the observed data
## Total number of counts: 1.9702 ; SD 0.7107
## 95% confidence interval: 1 - 3.3915
```

5#rouleaux (baie sainte marie)@saint francois-2011



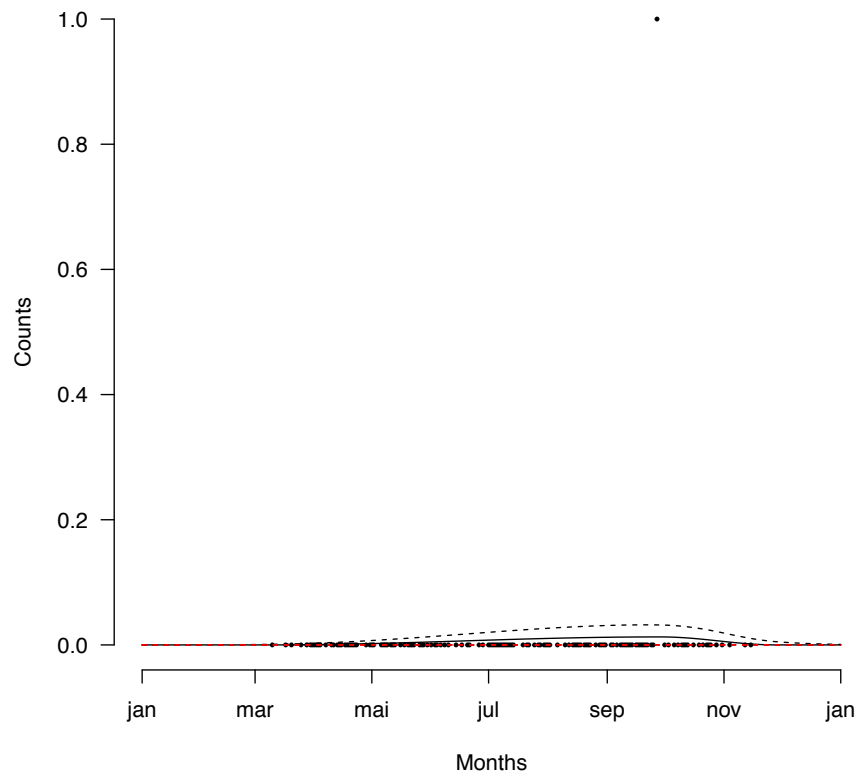
```
##
## Number of timeseries: 1
## -----
## 5#rouleaux (baie sainte marie)@saint francois-2011
## -----
## Estimation without the observed data
## Total number of counts: 1.7751 ; SD 1.2188
## Estimation taking into account the observed data
## Total number of counts: 1.6535 ; SD 0.469
## 95% confidence interval: 1 - 2.5914
```

5#rouleaux (baie sainte marie)@saint francois-2012



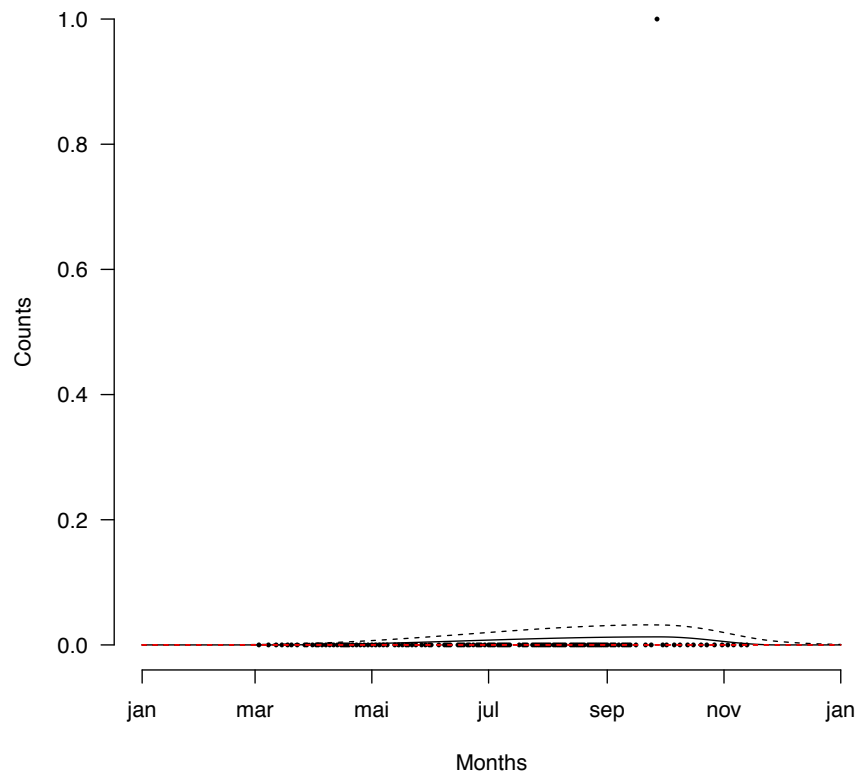
```
##
## Number of timeseries: 1
## -----
## 5#rouleaux (baie sainte marie)@saint francois-2012
## -----
## Estimation without the observed data
## Total number of counts: 2.0159 ; SD 1.4369
## Estimation taking into account the observed data
## Total number of counts: 1.8695 ; SD 0.6339
## 95% confidence interval: 1 - 3.1373
```

5#rouleaux (baie sainte marie)@saint francois-2013



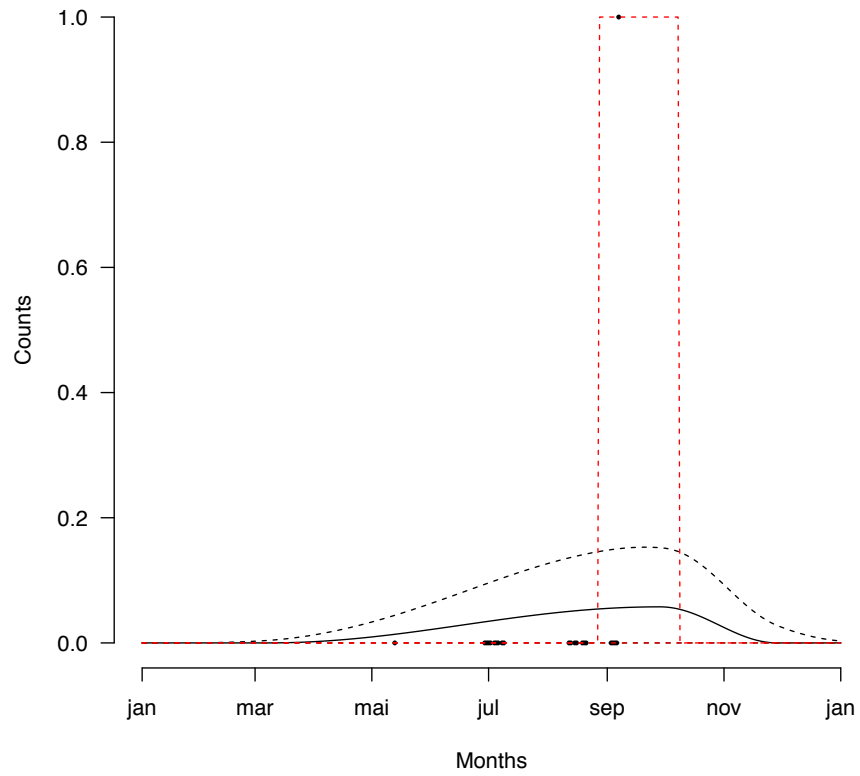
```
##
## Number of timeseries: 1
## -----
## 5#rouleaux (baie sainte marie)@saint francois-2013
## -----
## Estimation without the observed data
## Total number of counts: 1.9015 ; SD 1.3341
## Estimation taking into account the observed data
## Total number of counts: 1.8167 ; SD 0.5793
## 95% confidence interval: 1 - 2.9753
```

5#rouleaux (baie sainte marie)@saint francois-2014



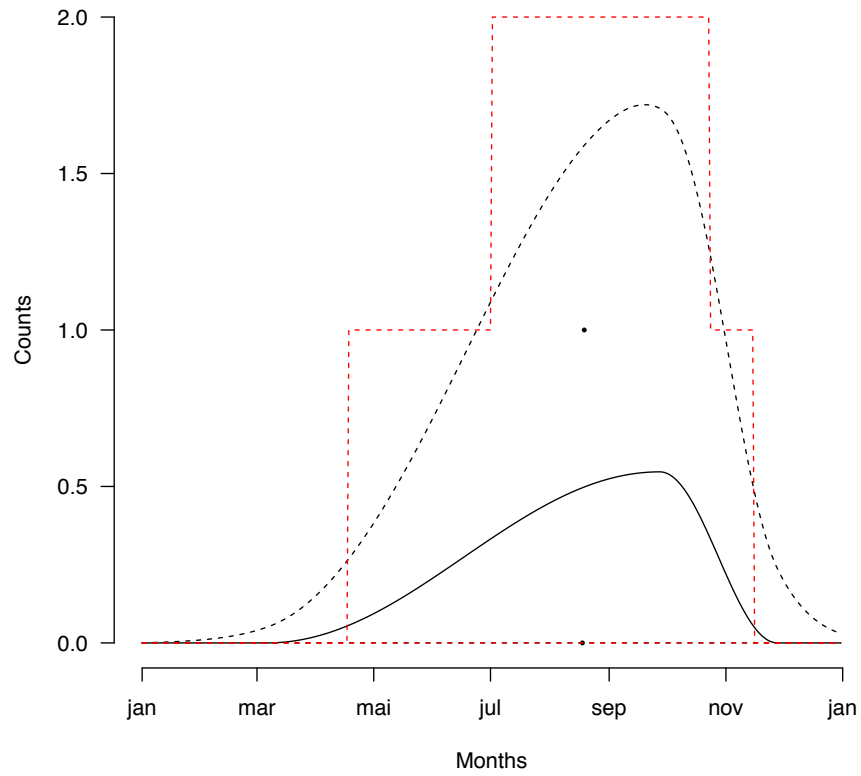
```
##
## Number of timeseries: 1
## -----
## 5#rouleaux (baie sainte marie)@saint francois-2014
## -----
## Estimation without the observed data
## Total number of counts: 1.9442 ; SD 1.3353
## Estimation taking into account the observed data
## Total number of counts: 1.8399 ; SD 0.5982
## 95% confidence interval: 1 - 3.0363
```

6#anse petite riviere@la desirade-2011



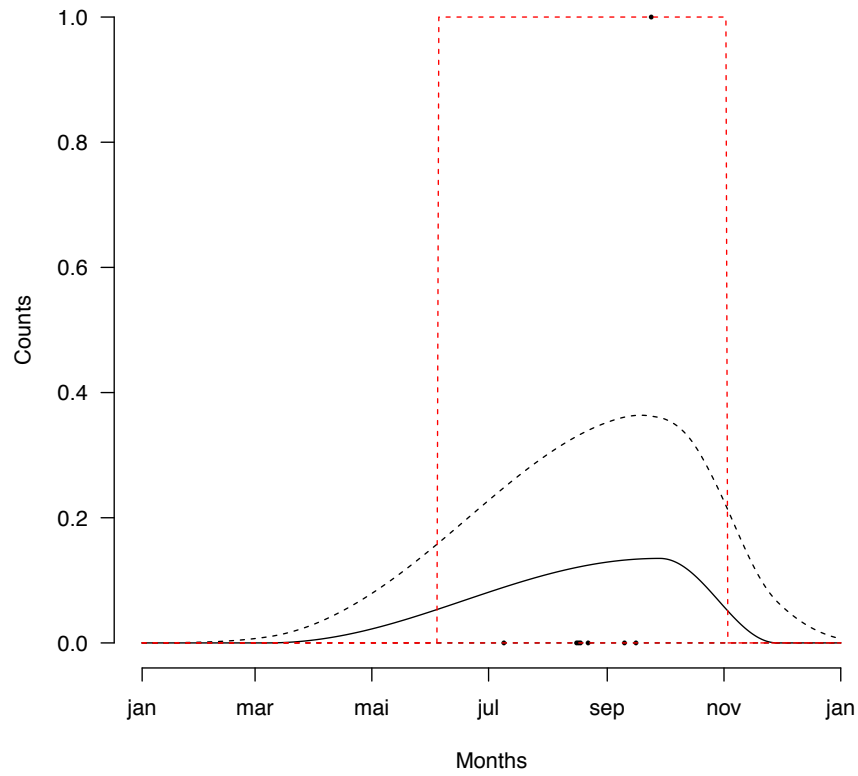
```
##
## Number of timeseries: 1
## -----
## 6#anse petite riviere@la desirade-2011
## -----
## Estimation without the observed data
## Total number of counts: 9.4653 ; SD 6.6437
## Estimation taking into account the observed data
## Total number of counts: 9.2828 ; SD 5.8309
## 95% confidence interval: 1 - 20.9446
```

6#anse petite riviere@la desirade-2012



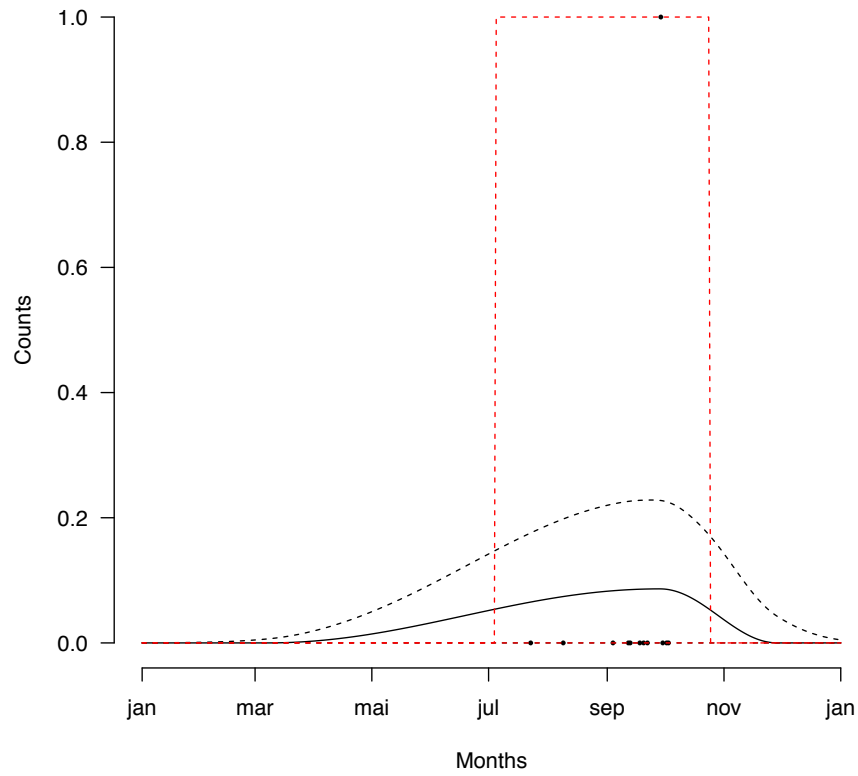
```
##
## Number of timeseries: 1
## -----
## 6#anse petite riviere@la desirade-2012
## -----
## Estimation without the observed data
## Total number of counts: 105.3763 ; SD 81.0208
## Estimation taking into account the observed data
## Total number of counts: 104.9491 ; SD 79.9462
## 95% confidence interval: 1 - 264.8416
```


6#anse petite riviere@la desirade-2013



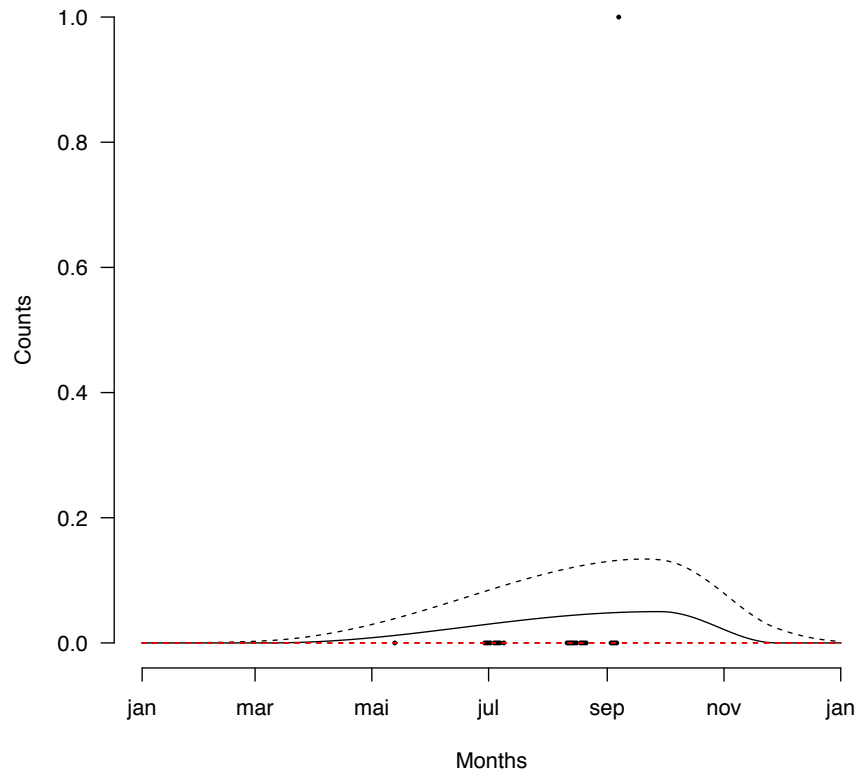
```
##
## Number of timeseries: 1
## -----
## 6#anse petite riviere@la desirade-2013
## -----
## Estimation without the observed data
## Total number of counts: 22.008 ; SD 15.8684
## Estimation taking into account the observed data
## Total number of counts: 21.8303 ; SD 15.0405
## 95% confidence interval: 1 - 51.9113
```

6#anse petite riviere@la desirade-2014



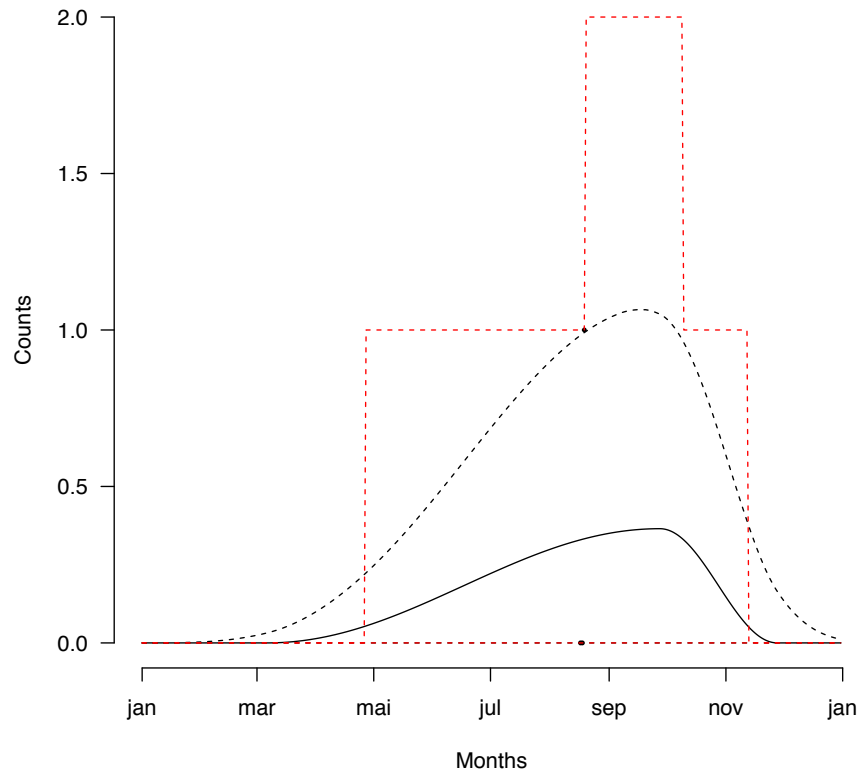
```
##
## Number of timeseries: 1
## -----
## 6#anse petite riviere@la desirade-2014
## -----
## Estimation without the observed data
## Total number of counts: 14.1754 ; SD 9.856
## Estimation taking into account the observed data
## Total number of counts: 14.0047 ; SD 9.0596
## 95% confidence interval: 1 - 32.1239
```

6#baie mahault@la desirade-2011



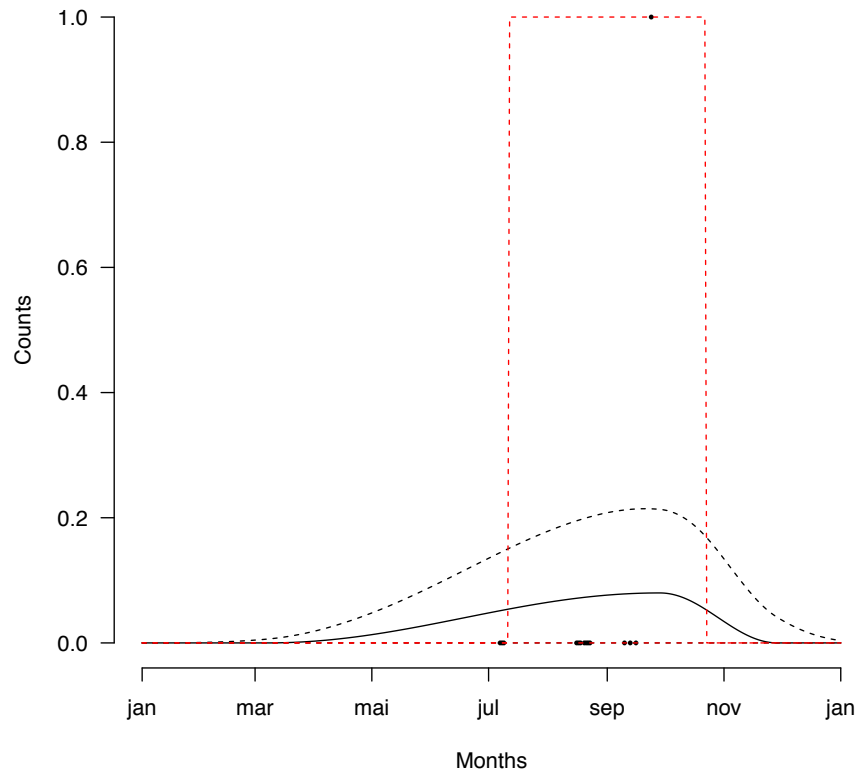
```
##
## Number of timeseries: 1
## -----
## 6#baie mahault@la desirade-2011
## -----
## Estimation without the observed data
## Total number of counts: 8.0529 ; SD 5.7998
## Estimation taking into account the observed data
## Total number of counts: 7.8829 ; SD 4.9692
## 95% confidence interval: 1 - 17.8212
```

6#baie mahault@la desirade-2012



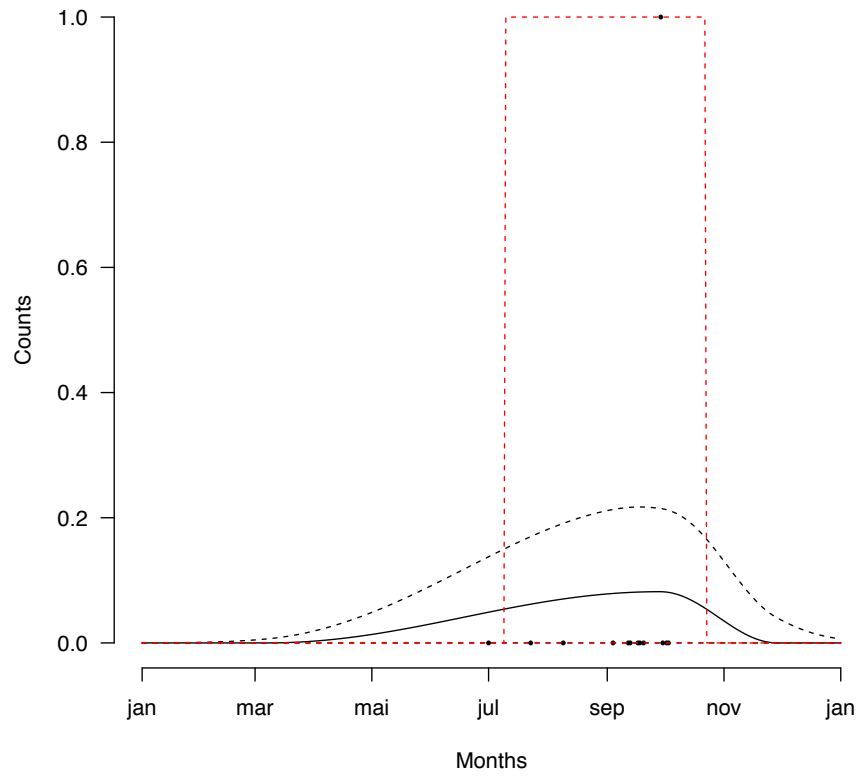
```
##
## Number of timeseries: 1
## -----
## 6#baie mahault@la desirade-2012
## -----
## Estimation without the observed data
## Total number of counts: 68.3049 ; SD 48.1955
## Estimation taking into account the observed data
## Total number of counts: 67.9213 ; SD 47.2265
## 95% confidence interval: 1 - 162.3743
```

6#baie mahault@la desirade-2013



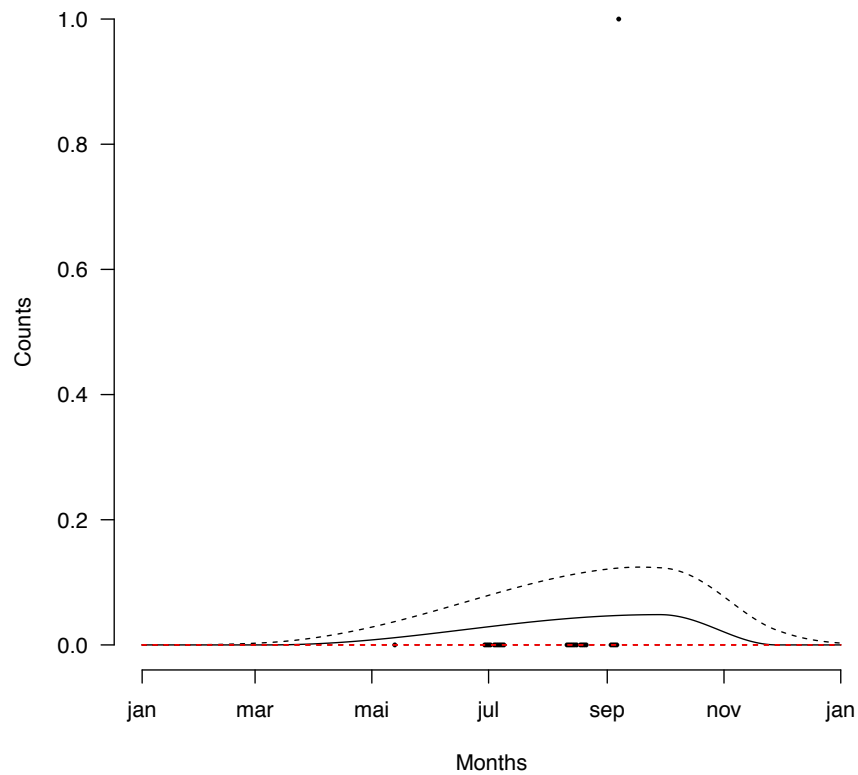
```
##
## Number of timeseries: 1
## -----
## 6#baie mahault@la desirade-2013
## -----
## Estimation without the observed data
## Total number of counts: 13.2877 ; SD 9.4091
## Estimation taking into account the observed data
## Total number of counts: 13.0896 ; SD 8.5821
## 95% confidence interval: 1 - 30.2537
```

6#baie mahault@la desirade-2014



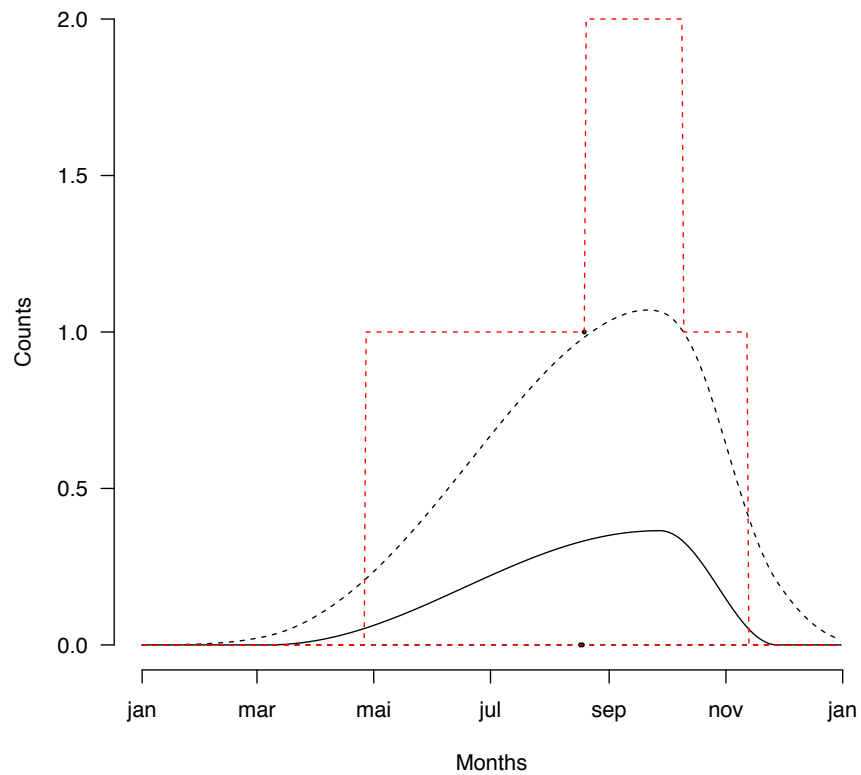
```
##
## Number of timeseries: 1
## -----
## 6#baie mahault@la desirade-2014
## -----
## Estimation without the observed data
## Total number of counts: 13.0441 ; SD 9.4494
## Estimation taking into account the observed data
## Total number of counts: 12.9043 ; SD 8.6455
## 95% confidence interval: 1 - 30.1952
```

6#petites anses@la desirade-2011



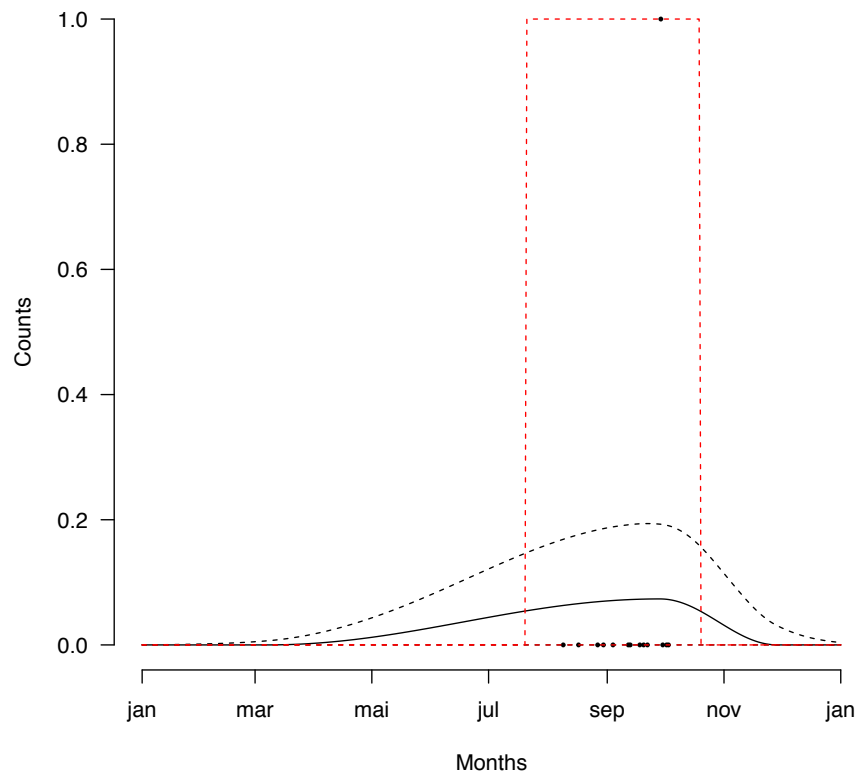
```
##
## Number of timeseries: 1
## -----
## 6#petites anses@la desirade-2011
## -----
## Estimation without the observed data
## Total number of counts: 7.7614 ; SD 5.3662
## Estimation taking into account the observed data
## Total number of counts: 7.6044 ; SD 4.5823
## 95% confidence interval: 1 - 16.769
```

6#petites anses@la desirade-2012



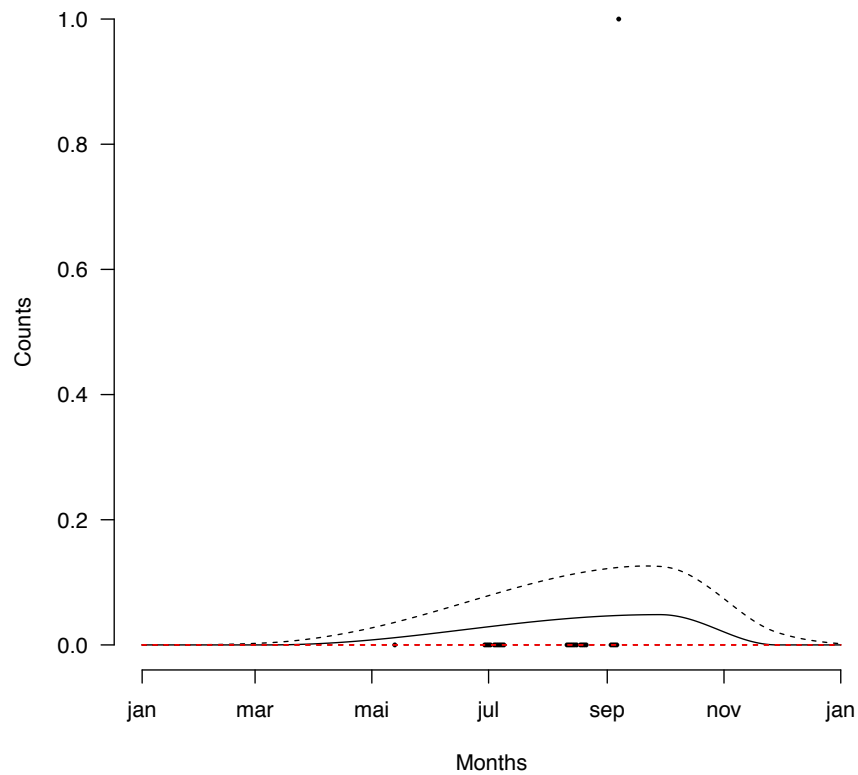
```
##
## Number of timeseries: 1
## -----
## 6#petites anses@la desirade-2012
## -----
## Estimation without the observed data
## Total number of counts: 66.4949 ; SD 48.8201
## Estimation taking into account the observed data
## Total number of counts: 66.1563 ; SD 47.8646
## 95% confidence interval: 1 - 161.8855
```


6#petites anses@la desirade-2014



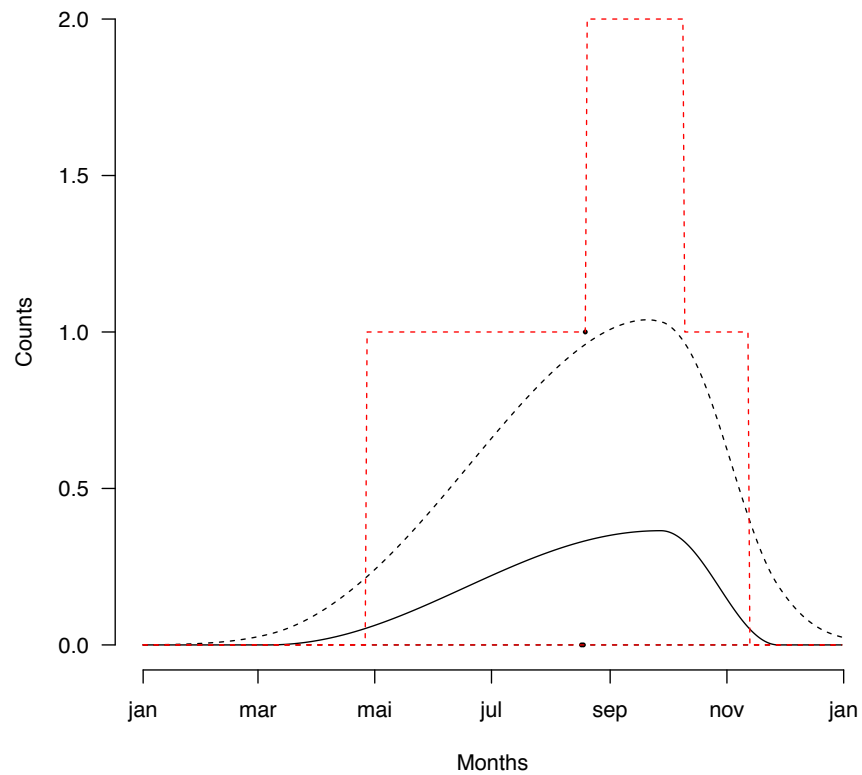
```
##
## Number of timeseries: 1
## -----
## 6#petites anses@la desirade-2014
## -----
## Estimation without the observed data
## Total number of counts: 11.9505 ; SD 8.332
## Estimation taking into account the observed data
## Total number of counts: 11.7878 ; SD 7.5361
## 95% confidence interval: 1 - 26.8599
```

6#plage a fan fan@la desirade-2011



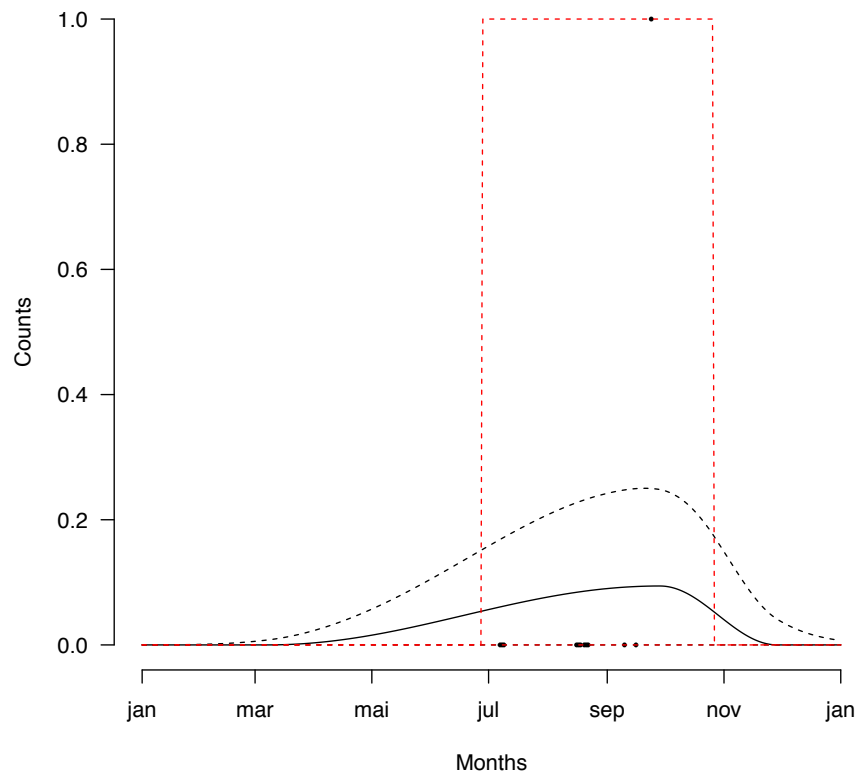
```
##
## Number of timeseries: 1
## -----
## 6#plage a fan fan@la desirade-2011
## -----
## Estimation without the observed data
## Total number of counts: 7.6918 ; SD 5.3633
## Estimation taking into account the observed data
## Total number of counts: 7.5352 ; SD 4.5721
## 95% confidence interval: 1 - 16.6795
```

6#plage a fan fan@la desirade-2012



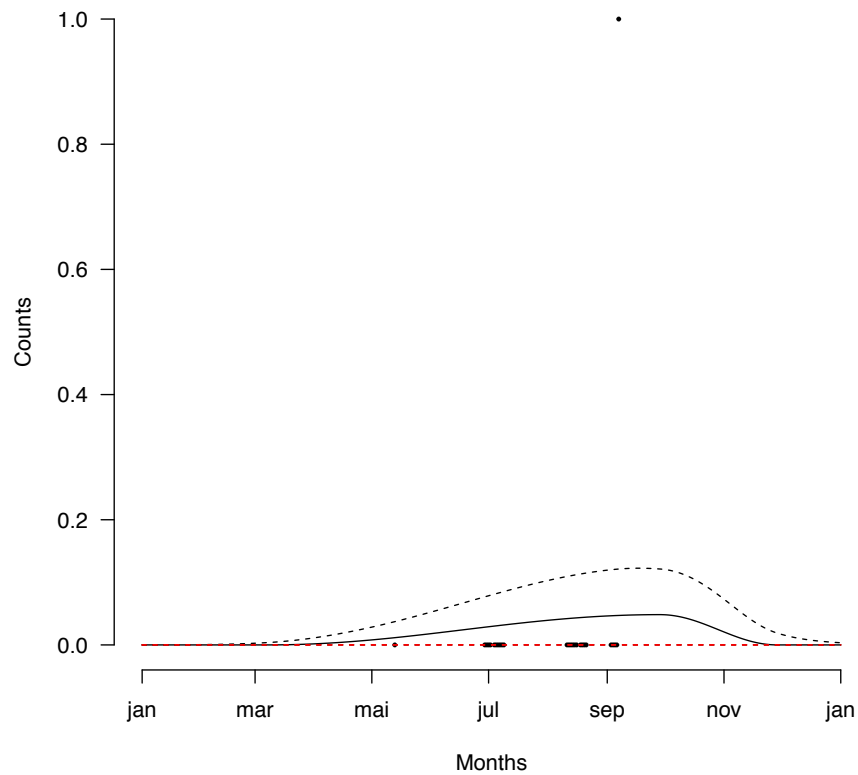
```
##
## Number of timeseries: 1
## -----
## 6#plage a fan fan@la desirade-2012
## -----
## Estimation without the observed data
## Total number of counts: 65.2326 ; SD 46.8183
## Estimation taking into account the observed data
## Total number of counts: 64.9154 ; SD 45.8974
## 95% confidence interval: 1 - 156.7103
```

6#plage a fan fan@la desirade-2013



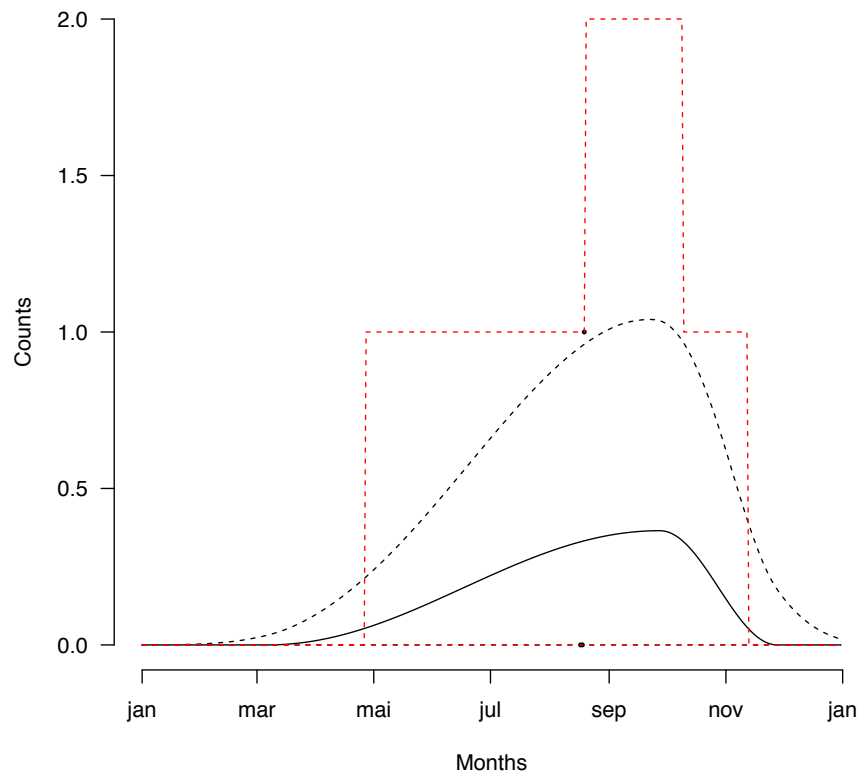
```
##
## Number of timeseries: 1
## -----
## 6#plage a fan fan@la desirade-2013
## -----
## Estimation without the observed data
## Total number of counts: 14.7521 ; SD 10.9458
## Estimation taking into account the observed data
## Total number of counts: 14.6291 ; SD 10.1311
## 95% confidence interval: 1 - 34.8913
```

6#plage a fifi@la desirade-2011



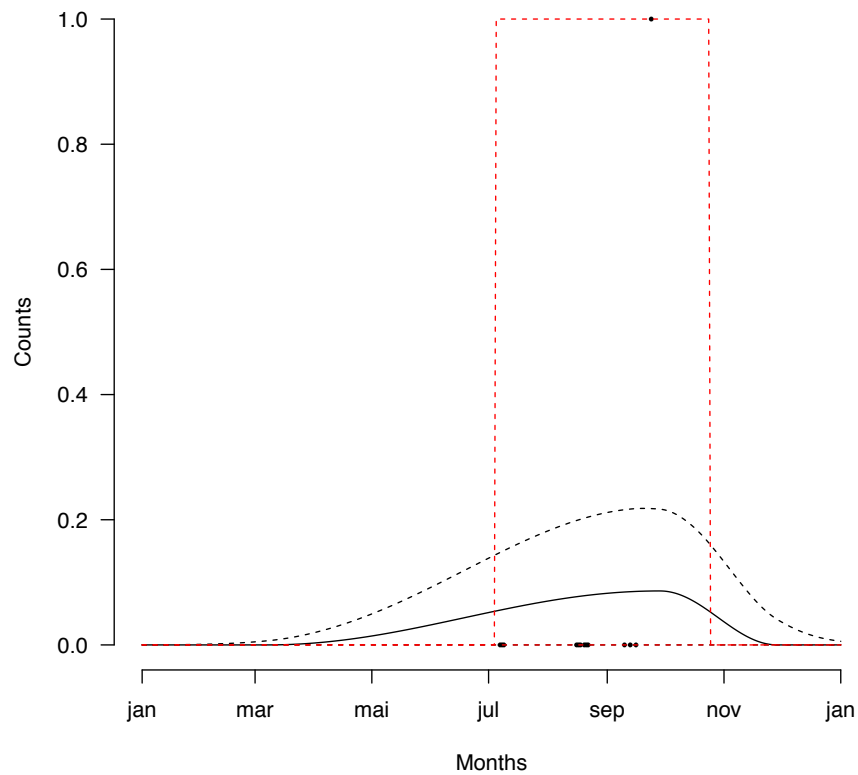
```
##
## Number of timeseries: 1
## -----
## 6#plage a fifi@la desirade-2011
## -----
## Estimation without the observed data
## Total number of counts: 7.3859 ; SD 5.2144
## Estimation taking into account the observed data
## Total number of counts: 7.2761 ; SD 4.4411
## 95% confidence interval: 1 - 16.1583
```

6#plage a fifi@la desirade-2012



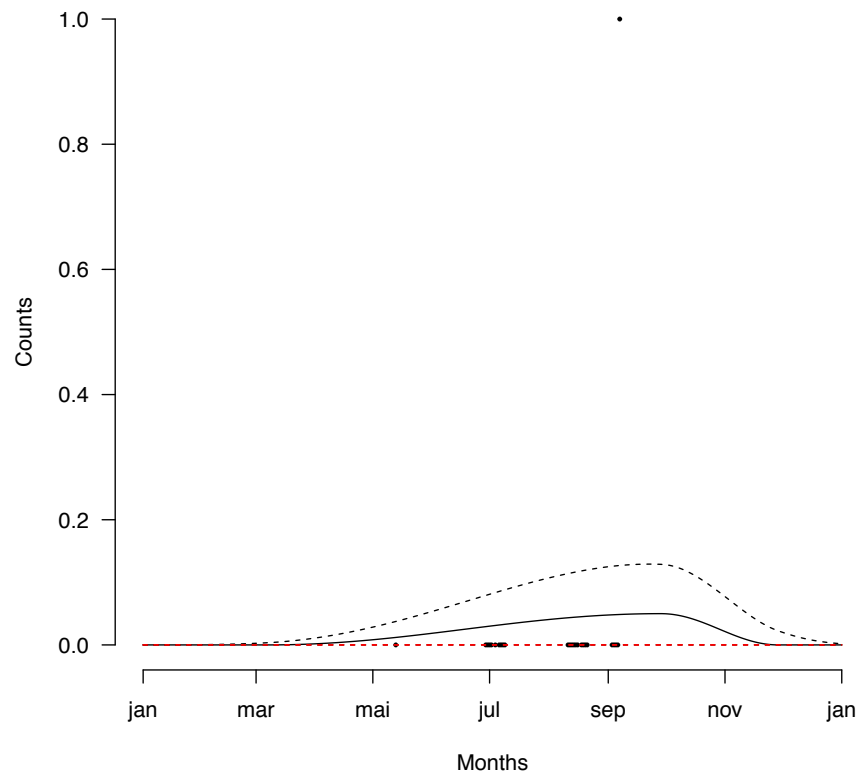
```
##
## Number of timeseries: 1
## -----
## 6#plage a fifi@la desirade-2012
## -----
## Estimation without the observed data
## Total number of counts: 65.9583 ; SD 46.9384
## Estimation taking into account the observed data
## Total number of counts: 65.6239 ; SD 46.0158
## 95% confidence interval: 1 - 157.6556
```

6#plage a fifi@la desirade-2013



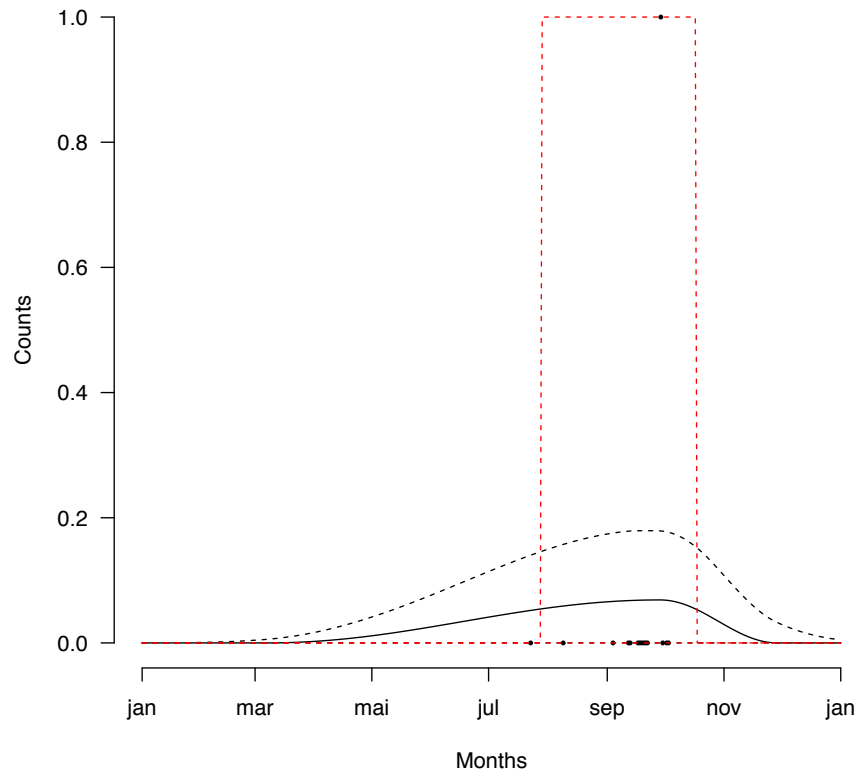
```
##
## Number of timeseries: 1
## -----
## 6#plage a fifi@la desirade-2013
## -----
## Estimation without the observed data
## Total number of counts: 13.49 ; SD 9.213
## Estimation taking into account the observed data
## Total number of counts: 13.3597 ; SD 8.4606
## 95% confidence interval: 1 - 30.2808
```

6#plage a galets@la desirade-2011



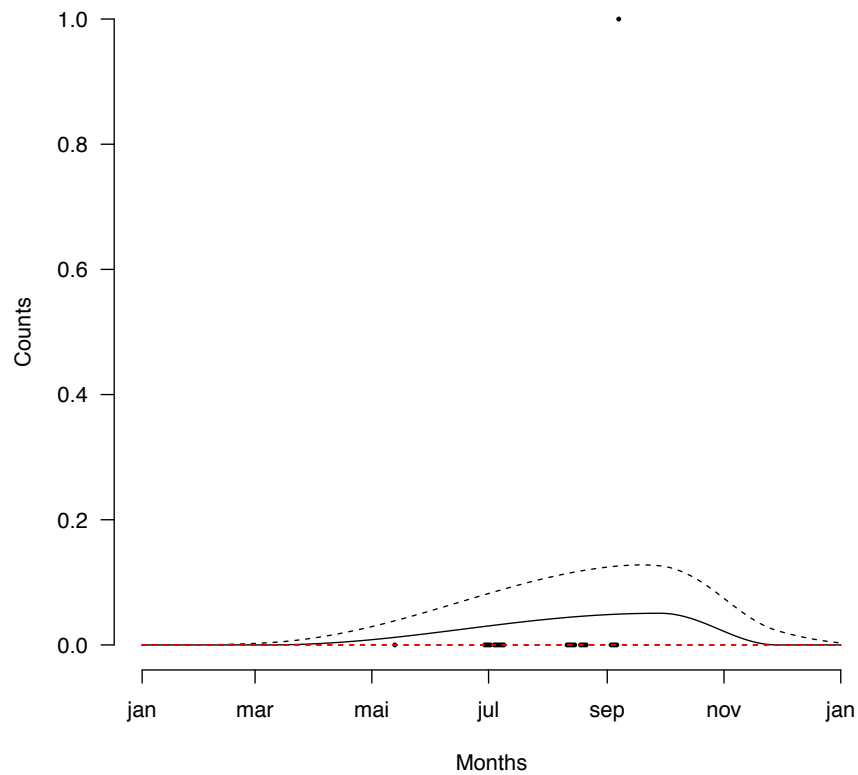
```
##
## Number of timeseries: 1
## -----
## 6#plage a galets@la desirade-2011
## -----
## Estimation without the observed data
## Total number of counts: 7.6857 ; SD 5.5089
## Estimation taking into account the observed data
## Total number of counts: 7.5694 ; SD 4.7276
## 95% confidence interval: 1 - 17.0246
```


6#plage a galets@la desirade-2014



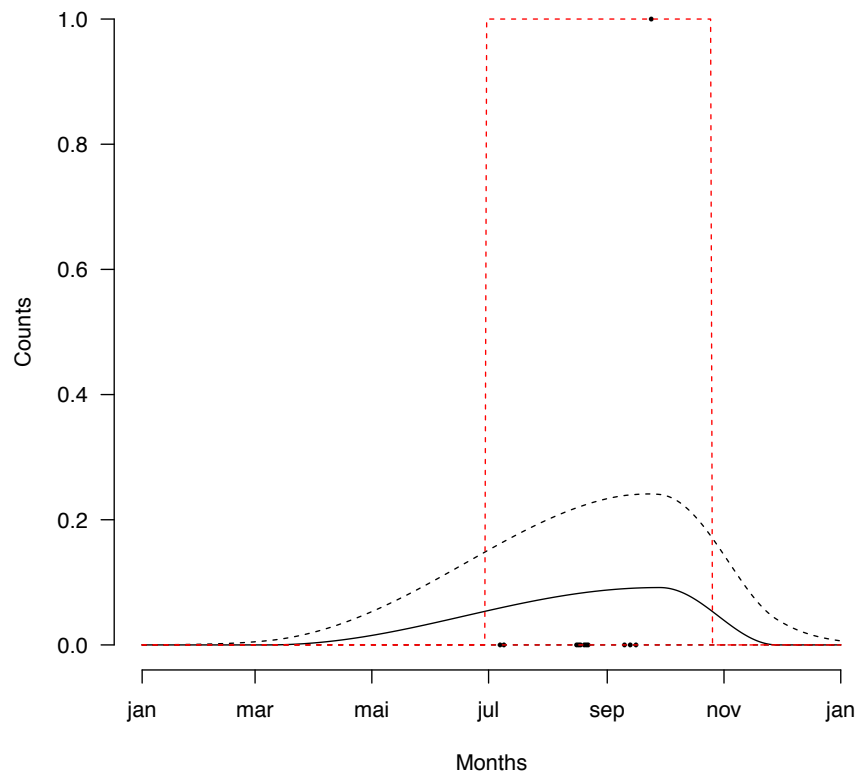
```
##
## Number of timeseries: 1
## -----
## 6#plage a galets@la desirade-2014
## -----
## Estimation without the observed data
## Total number of counts: 10.9496 ; SD 7.8686
## Estimation taking into account the observed data
## Total number of counts: 10.8177 ; SD 7.0835
## 95% confidence interval: 1 - 24.9847
```

6#plage de l'aerodrome@la desirade-2011



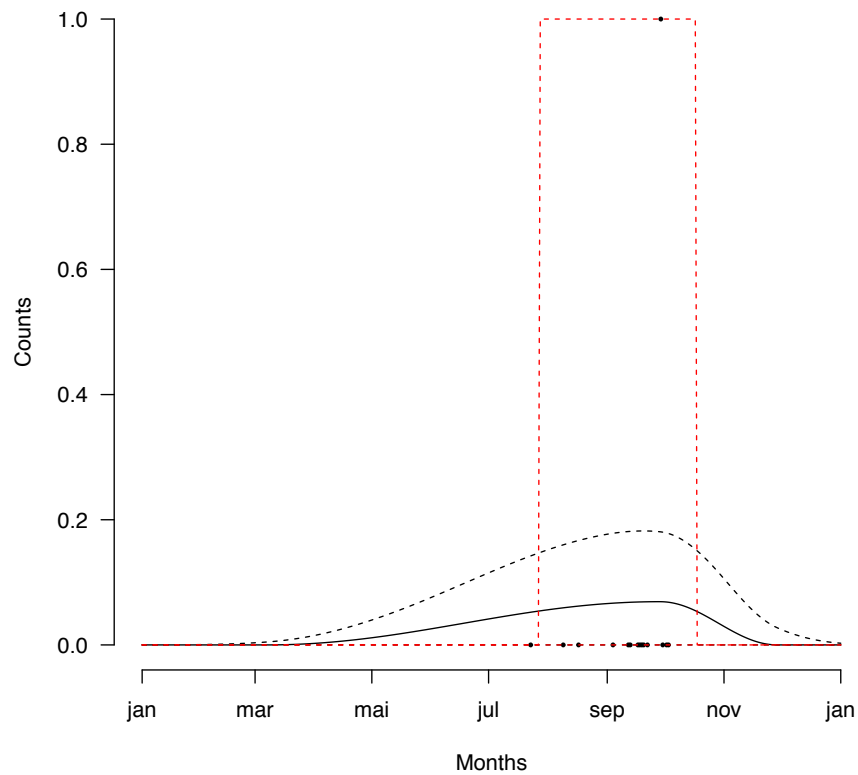
```
##
## Number of timeseries: 1
## -----
## 6#plage de l'aerodrome@la desirade-2011
## -----
## Estimation without the observed data
## Total number of counts: 7.9311 ; SD 5.3922
## Estimation taking into account the observed data
## Total number of counts: 7.79 ; SD 4.6241
## 95% confidence interval: 1 - 17.0383
```

6#plage de l'aerodrome@la desirade-2013



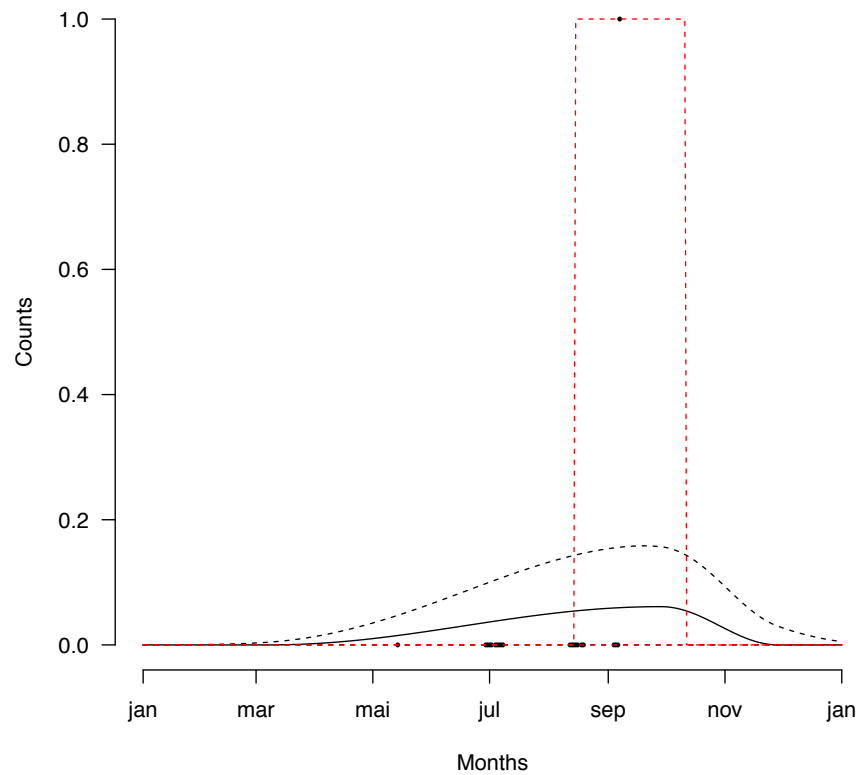
```
##
## Number of timeseries: 1
## -----
## 6#plage de l'aerodrome@la desirade-2013
## -----
## Estimation without the observed data
## Total number of counts: 14.5888 ; SD 10.3765
## Estimation taking into account the observed data
## Total number of counts: 14.4371 ; SD 9.5744
## 95% confidence interval: 1 - 33.5858
```

6#plage de l'aerodrome@la desirade-2014



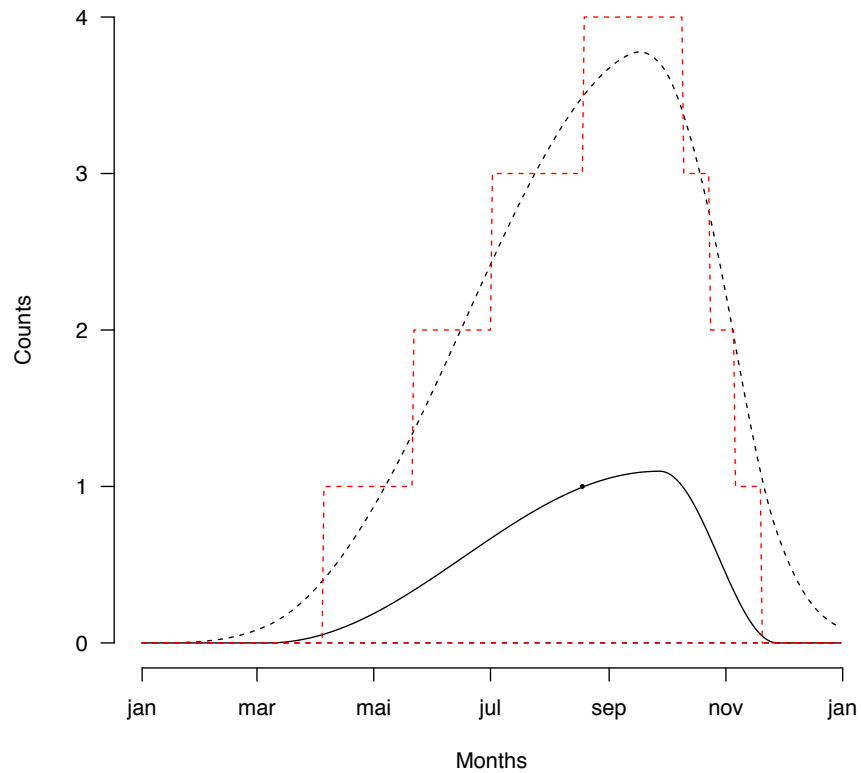
```
##
## Number of timeseries: 1
## -----
## 6#plage de l'aerodrome@la desirade-2014
## -----
## Estimation without the observed data
## Total number of counts: 11.1728 ; SD 7.8165
## Estimation taking into account the observed data
## Total number of counts: 11.0094 ; SD 7.0169
## 95% confidence interval: 1 - 25.0433
```

6#plage du souffleur@la desirade-2011



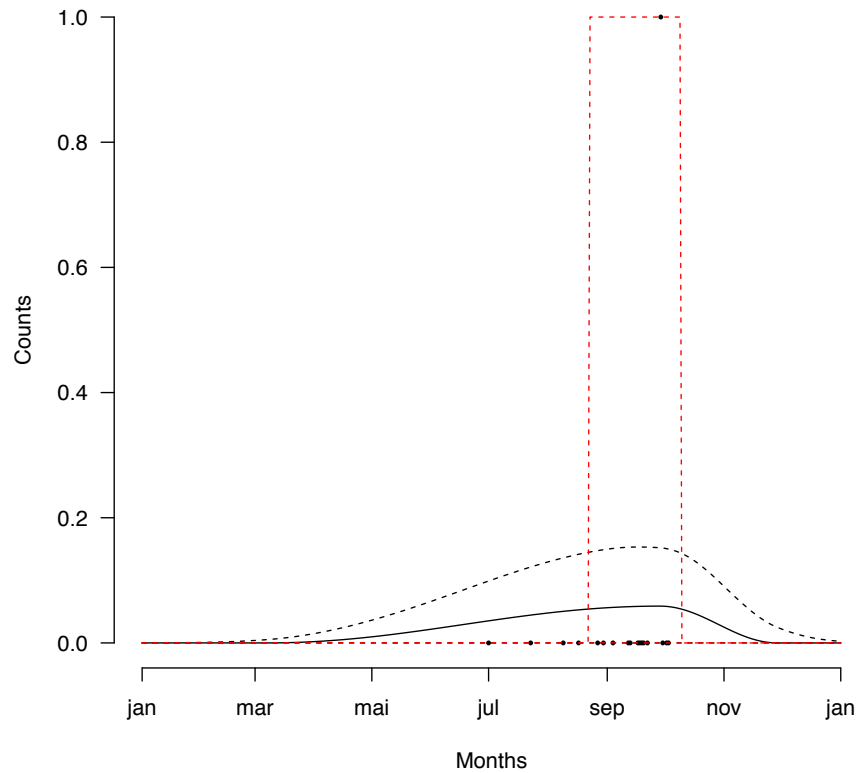
```
##
## Number of timeseries: 1
## -----
## 6#plage du souffleur@la desirade-2011
## -----
## Estimation without the observed data
## Total number of counts: 9.3208 ; SD 6.7675
## Estimation taking into account the observed data
## Total number of counts: 9.2169 ; SD 5.9803
## 95% confidence interval: 1 - 21.1775
```

6#plage du souffleur@la desirade-2012



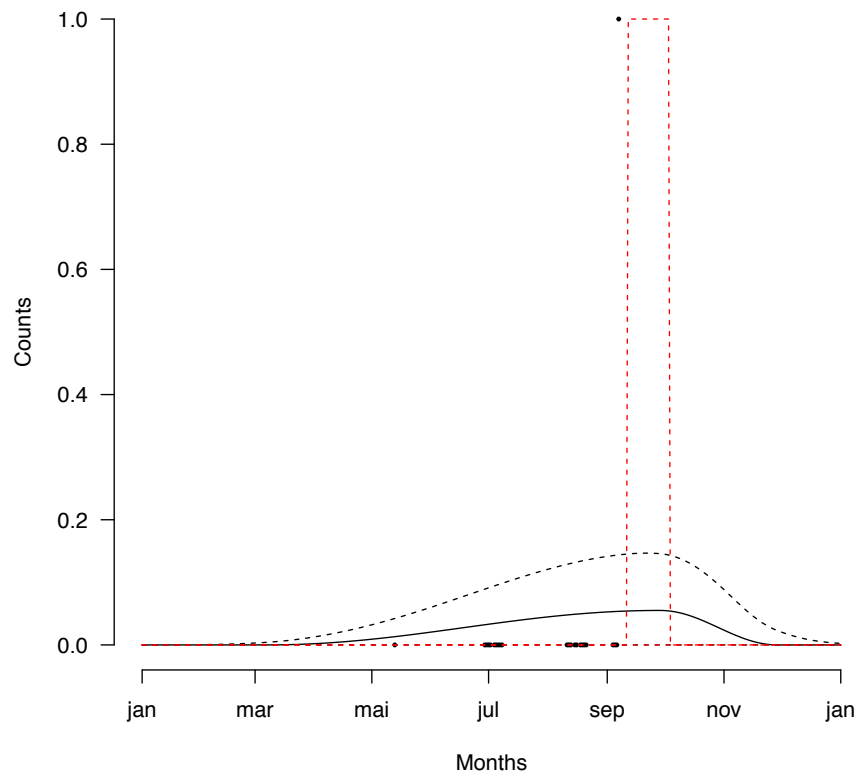
```
##
## Number of timeseries: 1
## -----
## 6#plage du souffleur@la desirade-2012
## -----
## Estimation without the observed data
## Total number of counts: 244.877 ; SD 183.9995
## Estimation taking into account the observed data
## Total number of counts: 244.2249 ; SD 182.7736
## 95% confidence interval: 1 - 609.7722
```

6#plage du souffleur@la desirade-2014



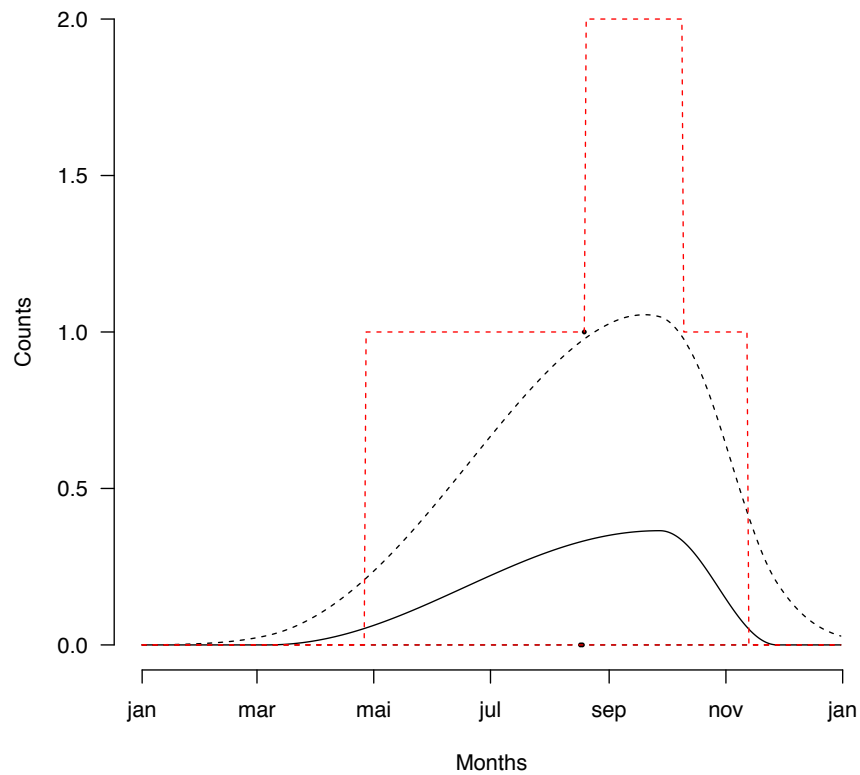
```
##
## Number of timeseries: 1
## -----
## 6#plage du souffleur@la desirade-2014
## -----
## Estimation without the observed data
## Total number of counts: 9.3715 ; SD 6.7328
## Estimation taking into account the observed data
## Total number of counts: 9.2359 ; SD 5.9438
## 95% confidence interval: 1 - 21.1234
```

6#pointe de montreuil@la desirade-2011



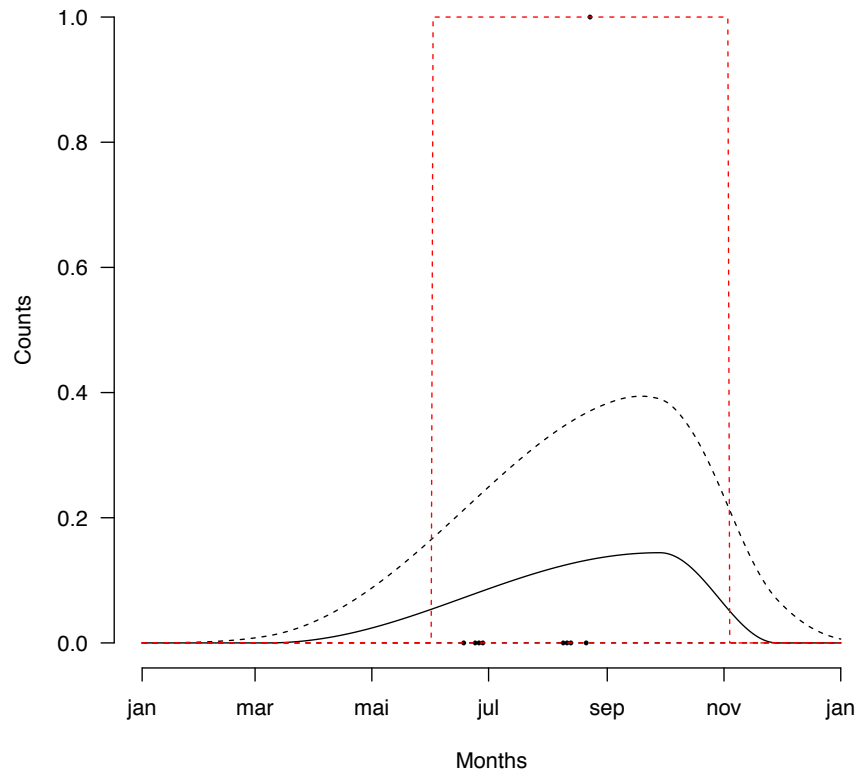
```
##
## Number of timeseries: 1
## -----
## 6#pointe de montreuil@la desirade-2011
## -----
## Estimation without the observed data
## Total number of counts: 8.8305 ; SD 6.3473
## Estimation taking into account the observed data
## Total number of counts: 8.6727 ; SD 5.5334
## 95% confidence interval: 1 - 19.7395
```


6#pointe de montreuil@la desirade-2012



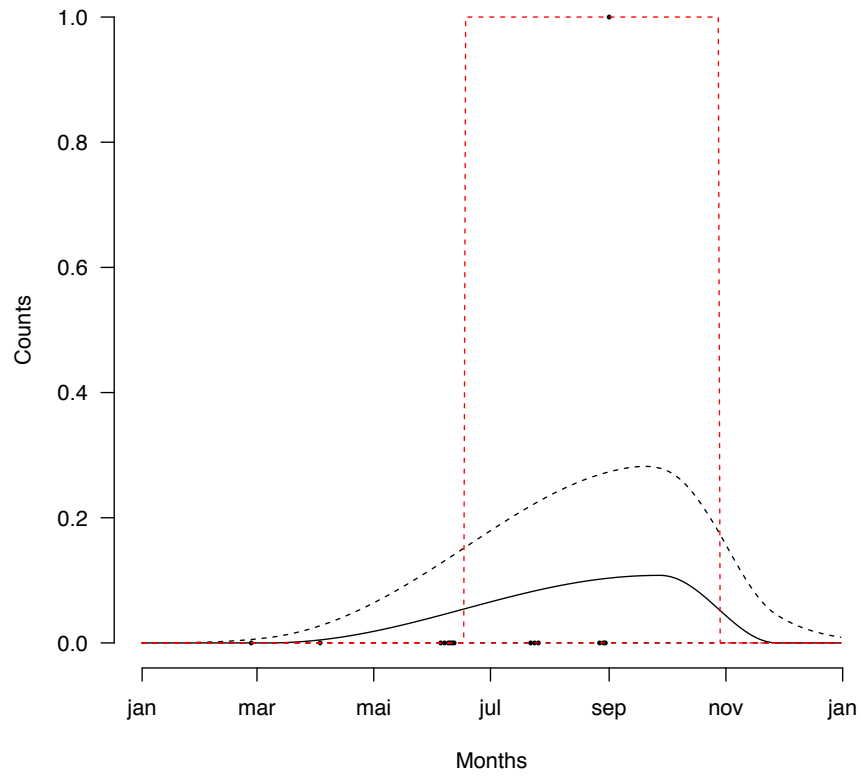
```
##
## Number of timeseries: 1
## -----
## 6#pointe de montreuil@la desirade-2012
## -----
## Estimation without the observed data
## Total number of counts: 65.1711 ; SD 47.9534
## Estimation taking into account the observed data
## Total number of counts: 64.8572 ; SD 47.007
## 95% confidence interval: 1 - 158.8711
```

7#anse canot@saint louis-2007



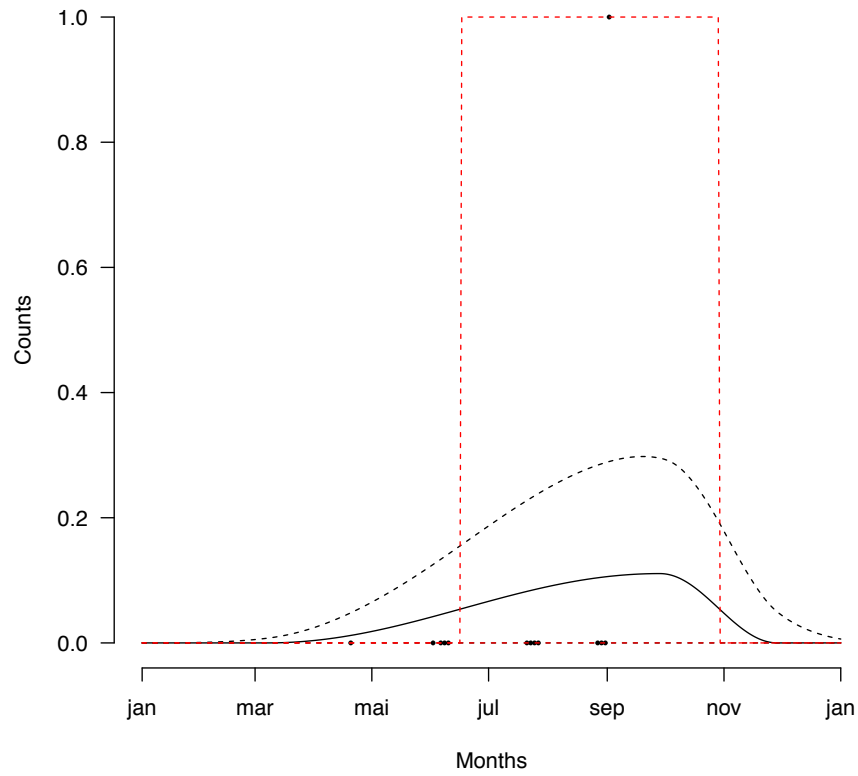
```
##
## Number of timeseries: 1
## -----
## 7#anse canot@saint louis-2007
## -----
## Estimation without the observed data
## Total number of counts: 23.9687 ; SD 17.35
## Estimation taking into account the observed data
## Total number of counts: 23.7941 ; SD 16.5034
## 95% confidence interval: 1 - 56.8008
```

7#anse canot@saint louis-2008



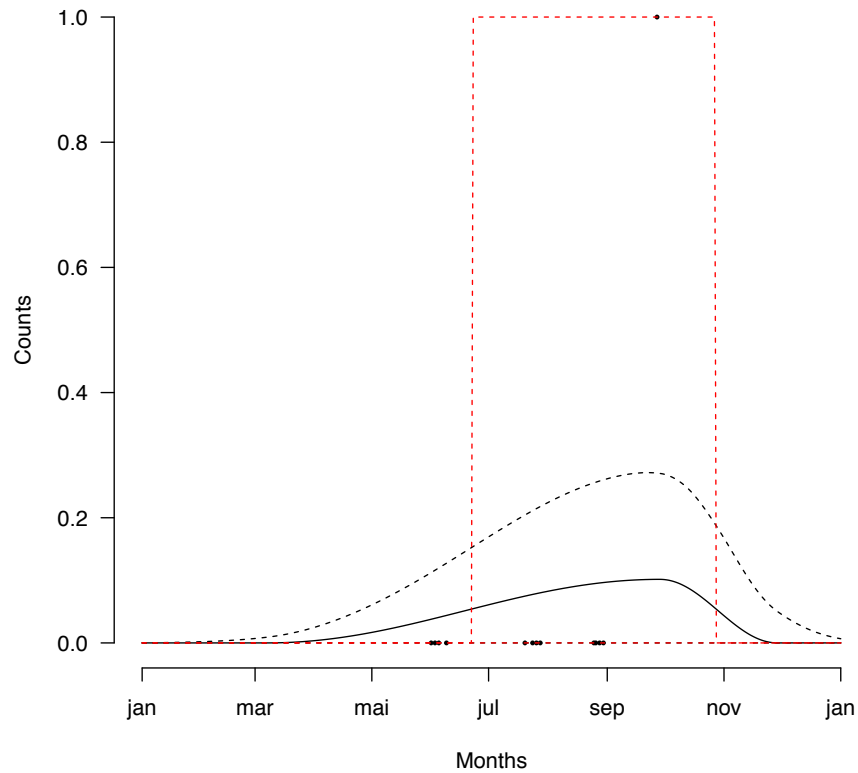
```
##
## Number of timeseries: 1
## -----
## 7#anse canot@saint louis-2008
## -----
## Estimation without the observed data
## Total number of counts: 17.3256 ; SD 11.8852
## Estimation taking into account the observed data
## Total number of counts: 17.1818 ; SD 11.1014
## 95% confidence interval: 1 - 39.3846
```

7#anse canot@saint louis-2009



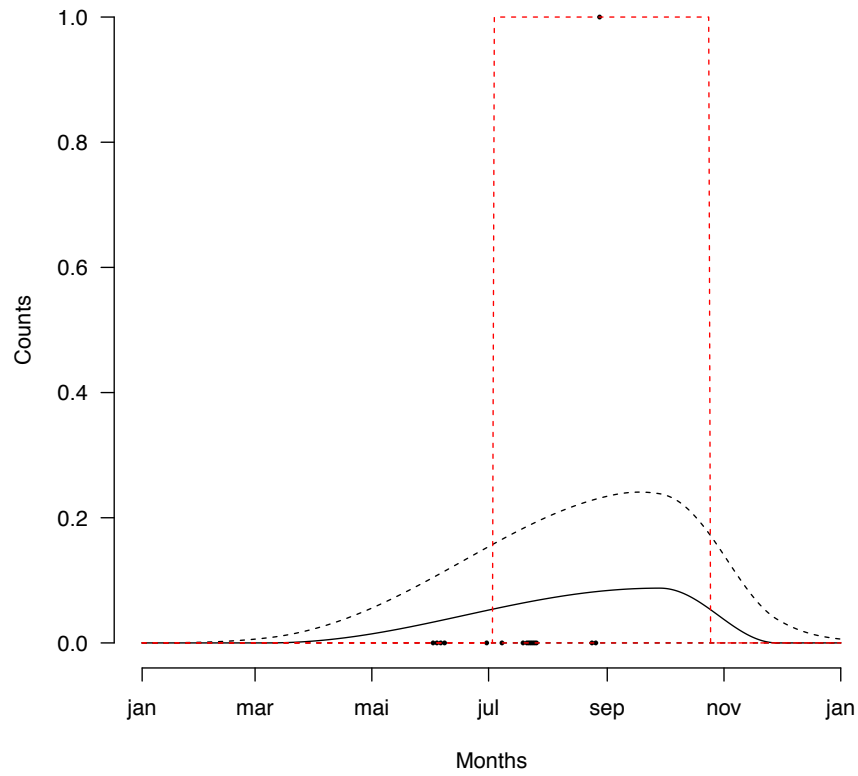
```
##
## Number of timeseries: 1
## -----
## 7#anse canot@saint louis-2009
## -----
## Estimation without the observed data
## Total number of counts: 18.1674 ; SD 12.8856
## Estimation taking into account the observed data
## Total number of counts: 18.0014 ; SD 12.0666
## 95% confidence interval: 1 - 42.1346
```

7#anse canot@saint louis-2010



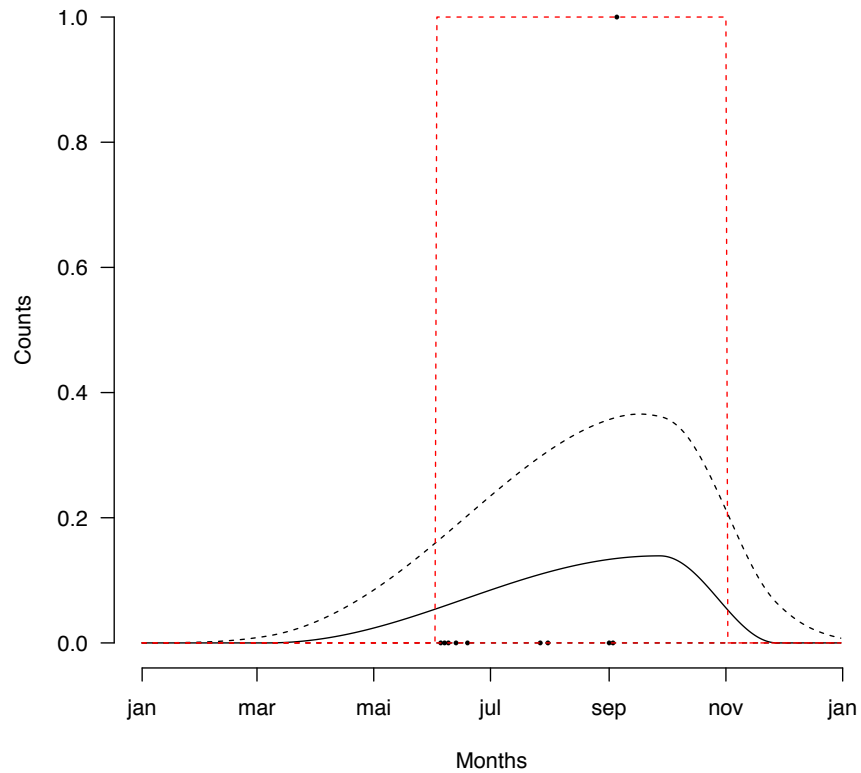
```
##
## Number of timeseries: 1
## -----
## 7#anse canot@saint louis-2010
## -----
## Estimation without the observed data
## Total number of counts: 16.9631 ; SD 11.7701
## Estimation taking into account the observed data
## Total number of counts: 16.783 ; SD 10.9697
## 95% confidence interval: 1 - 38.7224
```

7#anse canot@saint louis-2011



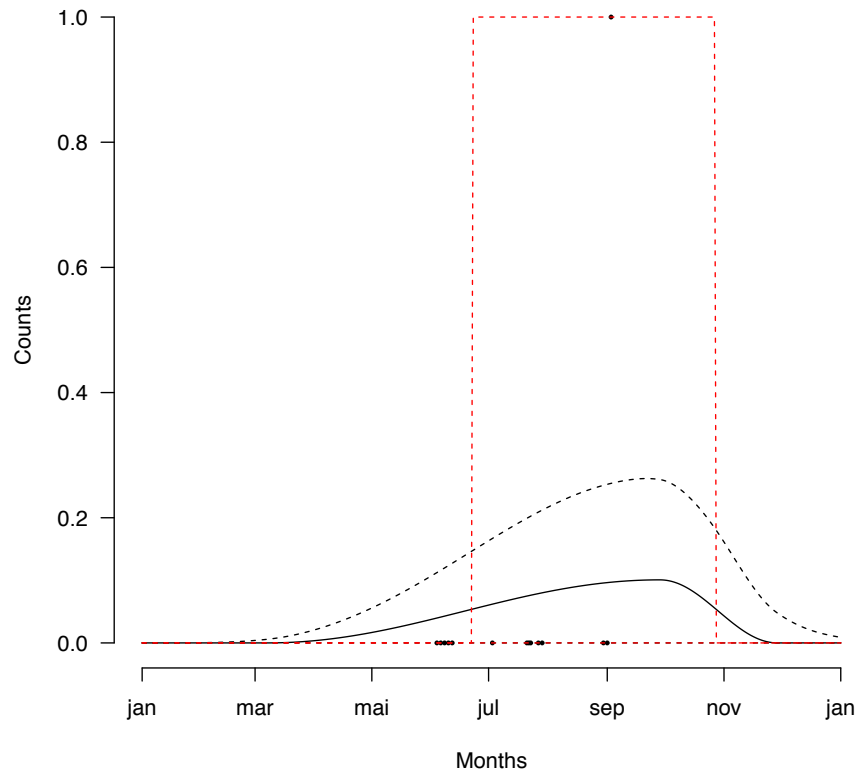
```
##
## Number of timeseries: 1
## -----
## 7#anse canot@saint louis-2011
## -----
## Estimation without the observed data
## Total number of counts: 14.3159 ; SD 10.7146
## Estimation taking into account the observed data
## Total number of counts: 14.1443 ; SD 9.8434
## 95% confidence interval: 1 - 33.8312
```

7#anse canot@saint louis-2012



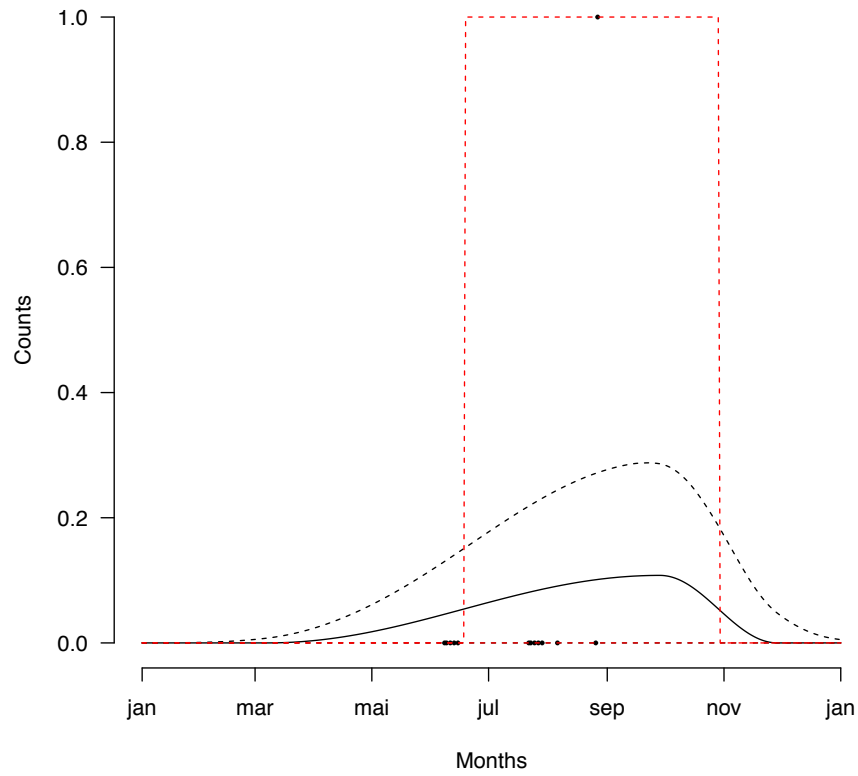
```
##
## Number of timeseries: 1
## -----
## 7#anse canot@saint louis-2012
## -----
## Estimation without the observed data
## Total number of counts: 22.3709 ; SD 15.757
## Estimation taking into account the observed data
## Total number of counts: 22.2473 ; SD 14.9694
## 95% confidence interval: 1 - 52.1861
```

7#anse canot@saint louis-2013



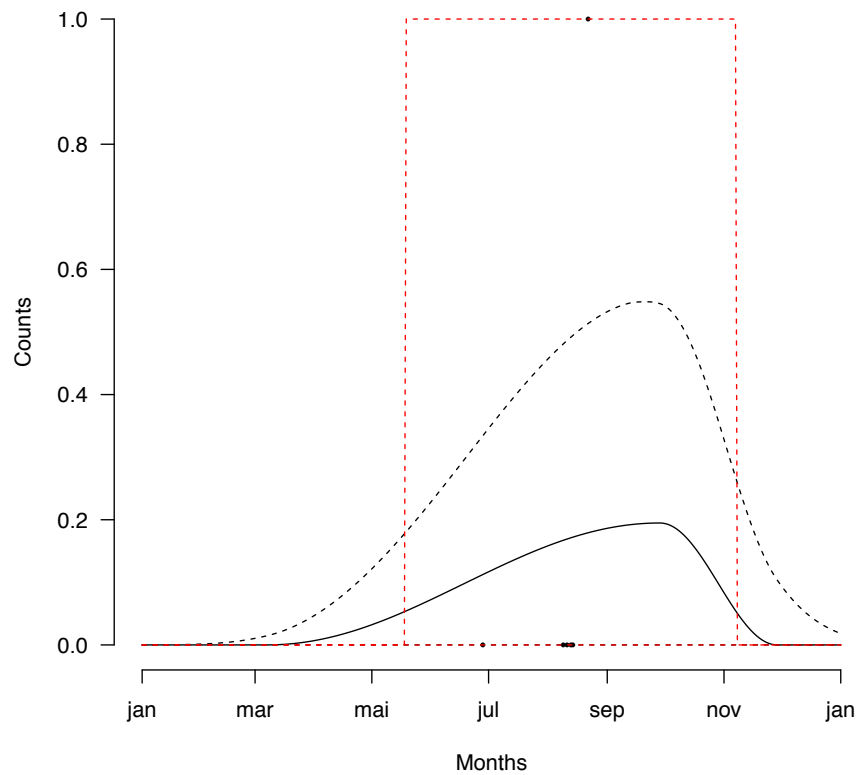
```
##
## Number of timeseries: 1
## -----
## 7#anse canot@saint louis-2013
## -----
## Estimation without the observed data
## Total number of counts: 15.6152 ; SD 11.1955
## Estimation taking into account the observed data
## Total number of counts: 15.5238 ; SD 10.4311
## 95% confidence interval: 1 - 36.3859
```


7#anse canot@saint louis-2014



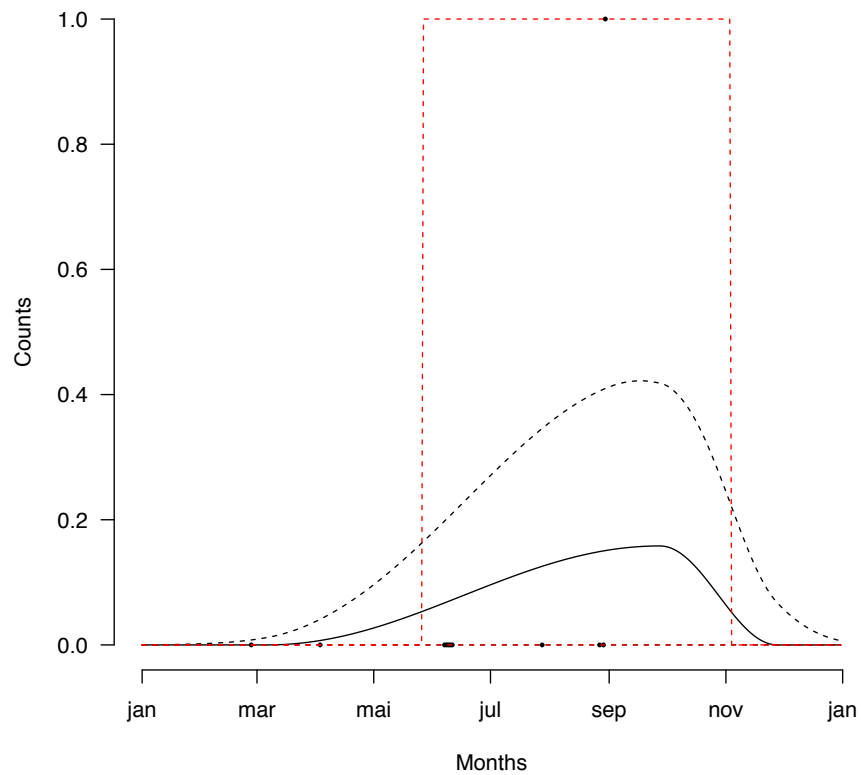
```
##
## Number of timeseries: 1
## -----
## 7#anse canot@saint louis-2014
## -----
## Estimation without the observed data
## Total number of counts: 17.2814 ; SD 12.2705
## Estimation taking into account the observed data
## Total number of counts: 17.1491 ; SD 11.4828
## 95% confidence interval: 1 - 40.1147
```

7#anse de mays@saint louis-2007



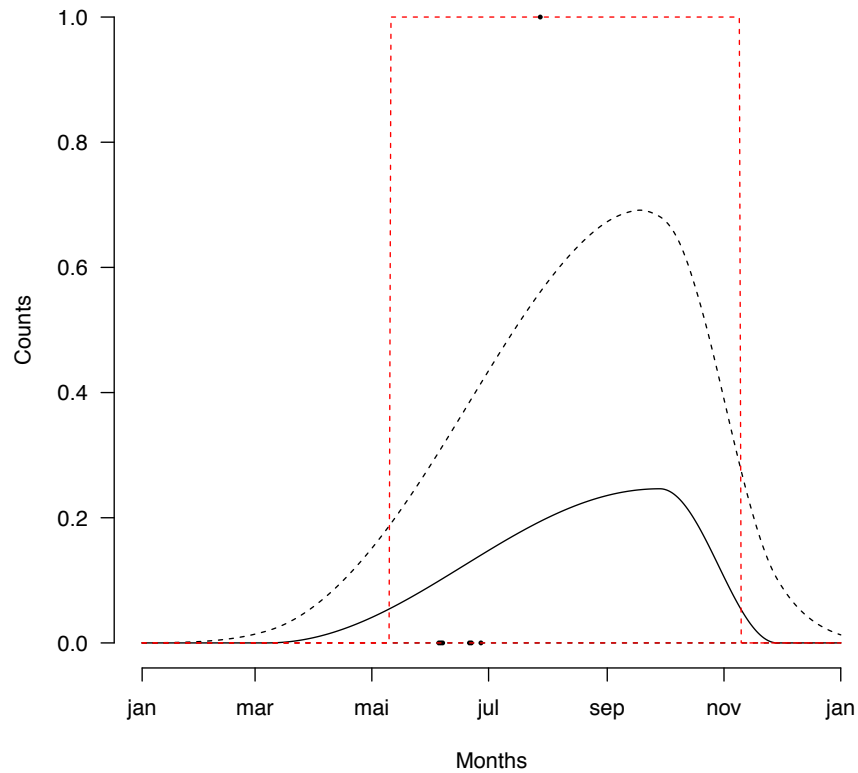
```
##
## Number of timeseries: 1
## -----
## 7#anse de mays@saint louis-2007
## -----
## Estimation without the observed data
## Total number of counts: 32.5475 ; SD 24.6428
## Estimation taking into account the observed data
## Total number of counts: 32.3501 ; SD 23.7485
## 95% confidence interval: 1 - 79.8471
```

7#anse de mays@saint louis-2008



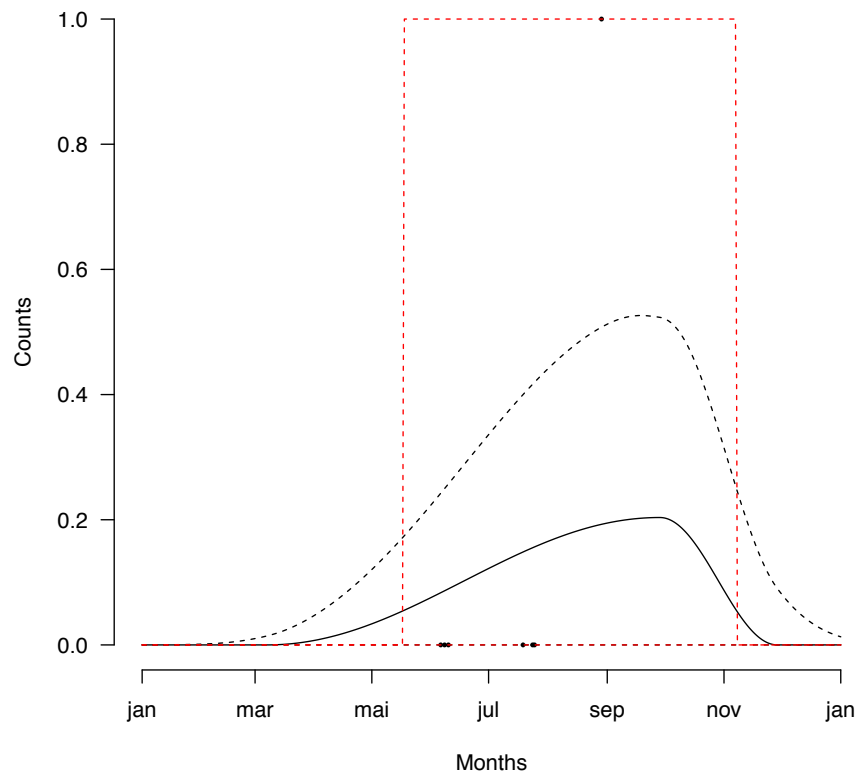
```
##
## Number of timeseries: 1
## -----
## 7#anse de mays@saint louis-2008
## -----
## Estimation without the observed data
## Total number of counts: 25.9683 ; SD 18.5277
## Estimation taking into account the observed data
## Total number of counts: 25.8218 ; SD 17.7183
## 95% confidence interval: 1 - 61.2584
```

7#anse de mays@saint louis-2010



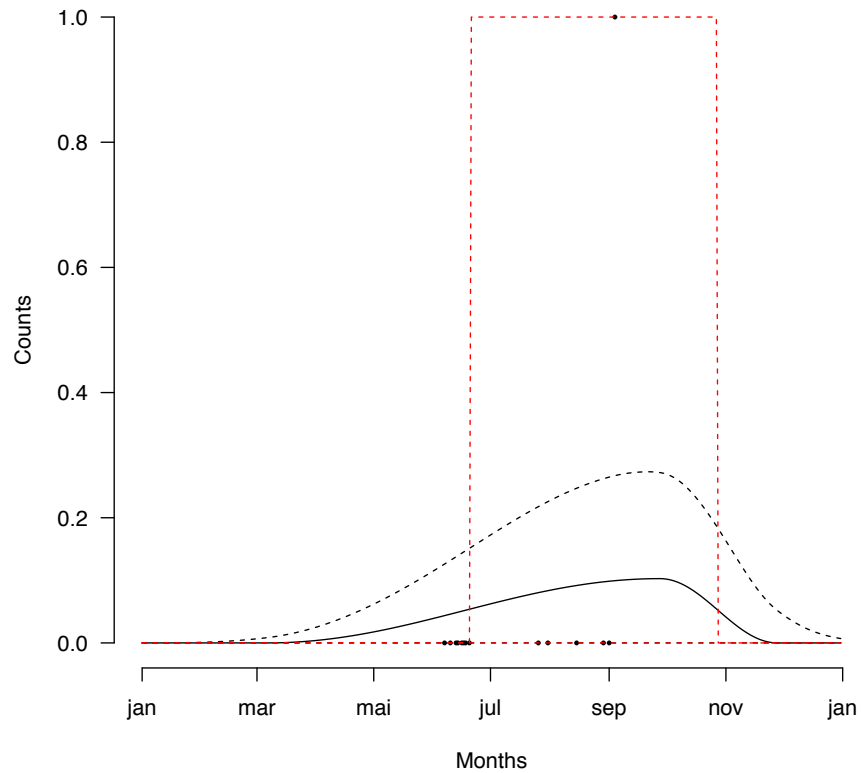
```
##
## Number of timeseries: 1
## -----
## 7#anse de mays@saint louis-2010
## -----
## Estimation without the observed data
## Total number of counts: 41.5711 ; SD 30.2035
## Estimation taking into account the observed data
## Total number of counts: 41.435 ; SD 29.367
## 95% confidence interval: 1 - 100.169
```

7#anse de mays@saint louis-2011



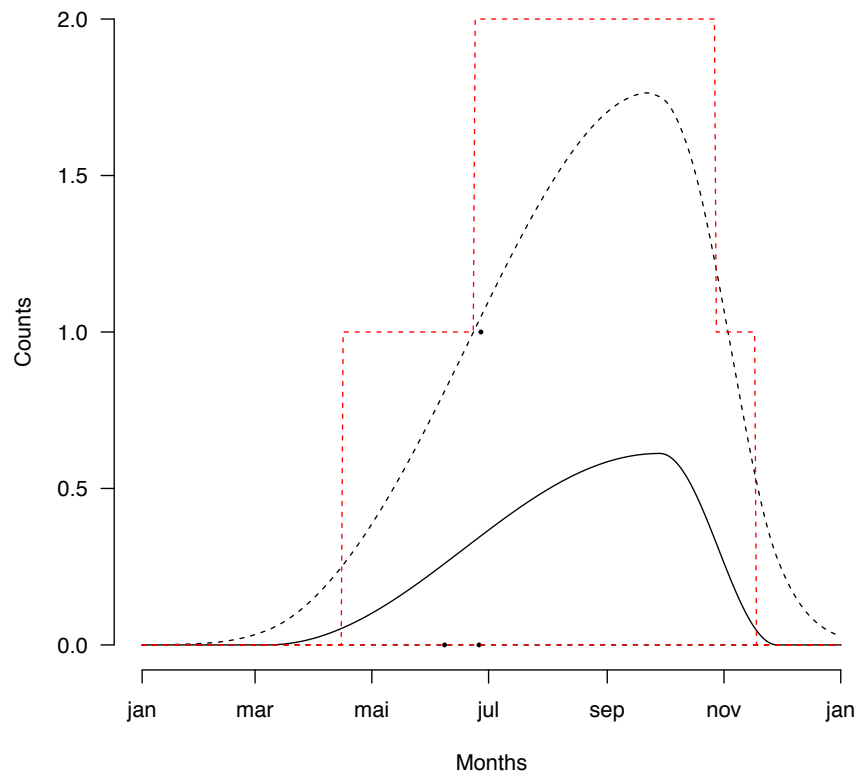
```
##
## Number of timeseries: 1
## -----
## 7#anse de mays@saint louis-2011
## -----
## Estimation without the observed data
## Total number of counts: 33.4608 ; SD 22.6127
## Estimation taking into account the observed data
## Total number of counts: 33.3433 ; SD 21.8604
## 95% confidence interval: 1 - 77.064
```

7#anse de mays@saint louis-2012



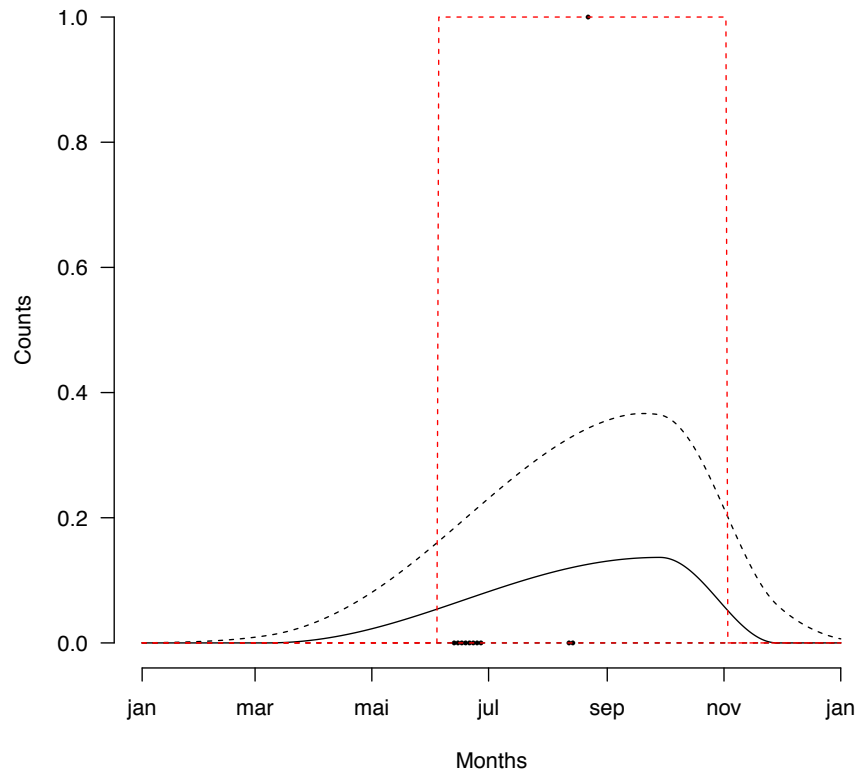
```
##
## Number of timeseries: 1
## -----
## 7#anse de mays@saint louis-2012
## -----
## Estimation without the observed data
## Total number of counts: 16.5948 ; SD 11.9383
## Estimation taking into account the observed data
## Total number of counts: 16.474 ; SD 11.1456
## 95% confidence interval: 1 - 38.7652
```

7#anse de mays@saint louis-2014



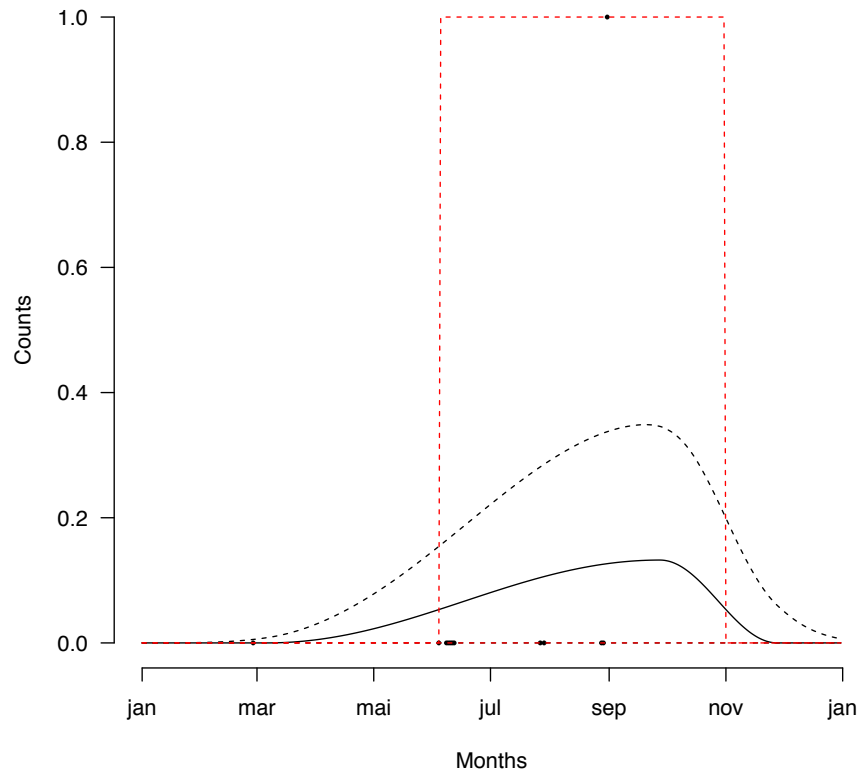
```
##
## Number of timeseries: 1
## -----
## 7#anse de mays@saint louis-2014
## -----
## Estimation without the observed data
## Total number of counts: 104.7929 ; SD 80.0424
## Estimation taking into account the observed data
## Total number of counts: 104.5799 ; SD 79.1289
## 95% confidence interval: 1 - 262.8376
```

7#anse feuillard@capesterre de marie galante-2007



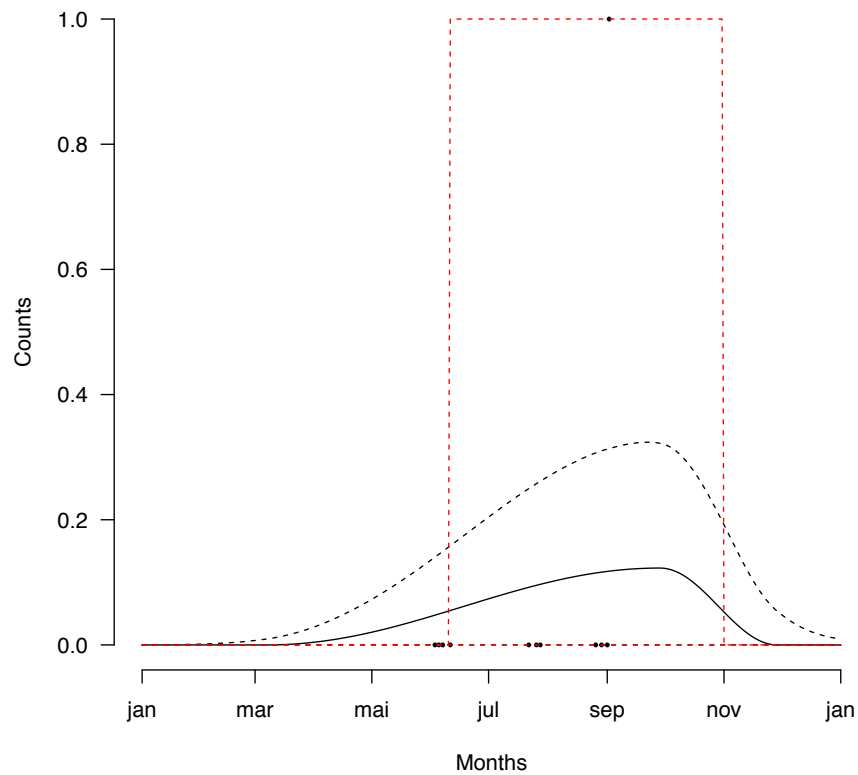
```
##
## Number of timeseries: 1
## -----
## 7#anse feuillard@capesterre de marie galante-2007
## -----
## Estimation without the observed data
## Total number of counts: 22.3991 ; SD 15.9754
## Estimation taking into account the observed data
## Total number of counts: 22.2603 ; SD 15.1688
## 95% confidence interval: 1 - 52.5979
```


7#anse feuillard@capesterre de marie galante-2008



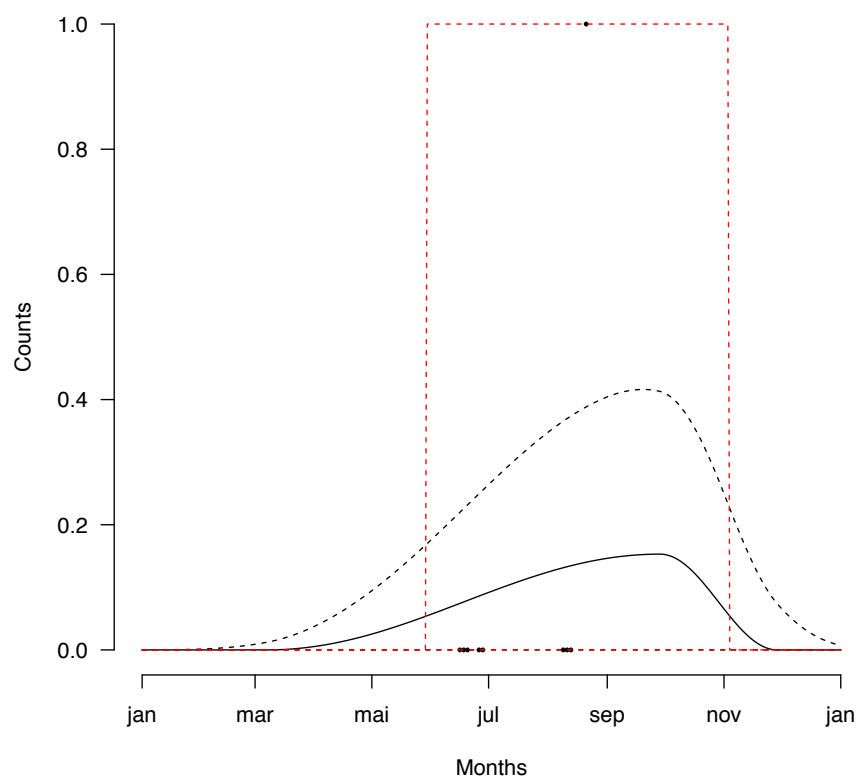
```
##
## Number of timeseries: 1
## -----
## 7#anse feuillard@capesterre de marie galante-2008
## -----
## Estimation without the observed data
## Total number of counts: 21.3884 ; SD 14.8939
## Estimation taking into account the observed data
## Total number of counts: 21.2668 ; SD 14.1136
## 95% confidence interval: 1 - 49.4941
```

7#anse feuillard@capesterre de marie galante-2009



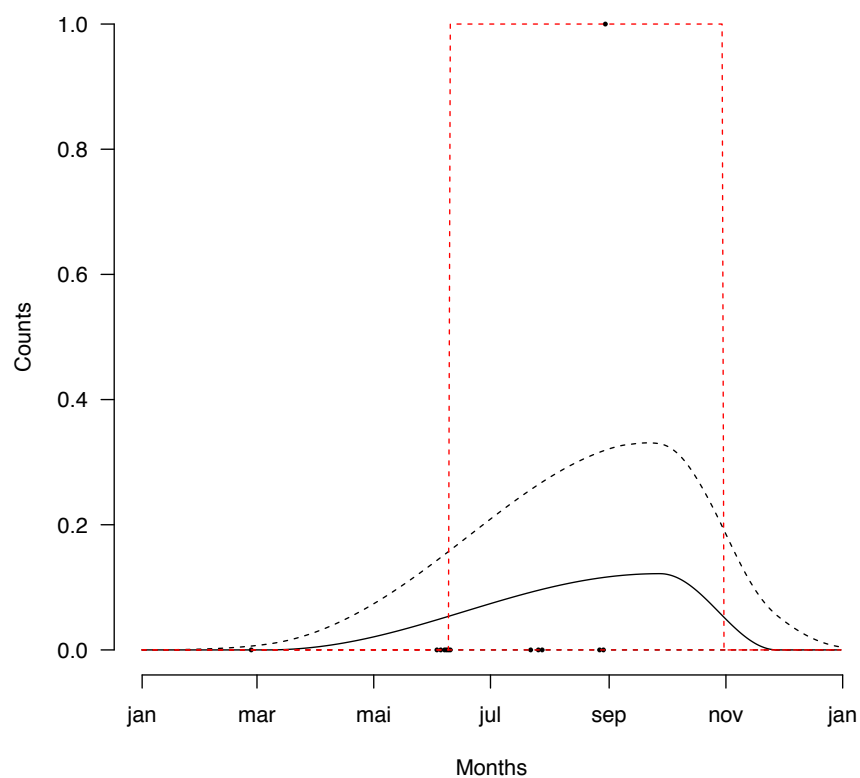
```
##
## Number of timeseries: 1
## -----
## 7#anse feuillard@capesterre de marie galante-2009
## -----
## Estimation without the observed data
## Total number of counts: 19.765 ; SD 14.0412
## Estimation taking into account the observed data
## Total number of counts: 19.6229 ; SD 13.2455
## 95% confidence interval: 1 - 46.1139
```

7#anse l'eglise@saint louis-2007



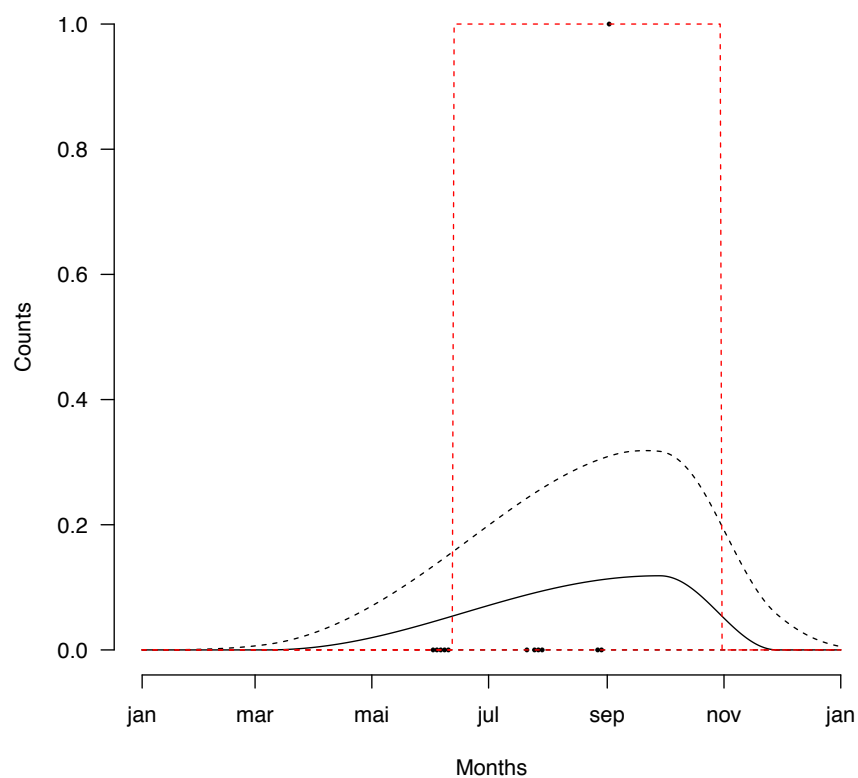
```
##
## Number of timeseries: 1
## -----
## 7#anse l'eglise@saint louis-2007
## -----
## Estimation without the observed data
## Total number of counts: 25.2153 ; SD 18.3284
## Estimation taking into account the observed data
## Total number of counts: 25.0555 ; SD 17.497
## 95% confidence interval: 1 - 60.0495
```

7#anse l'eglise@saint louis-2008



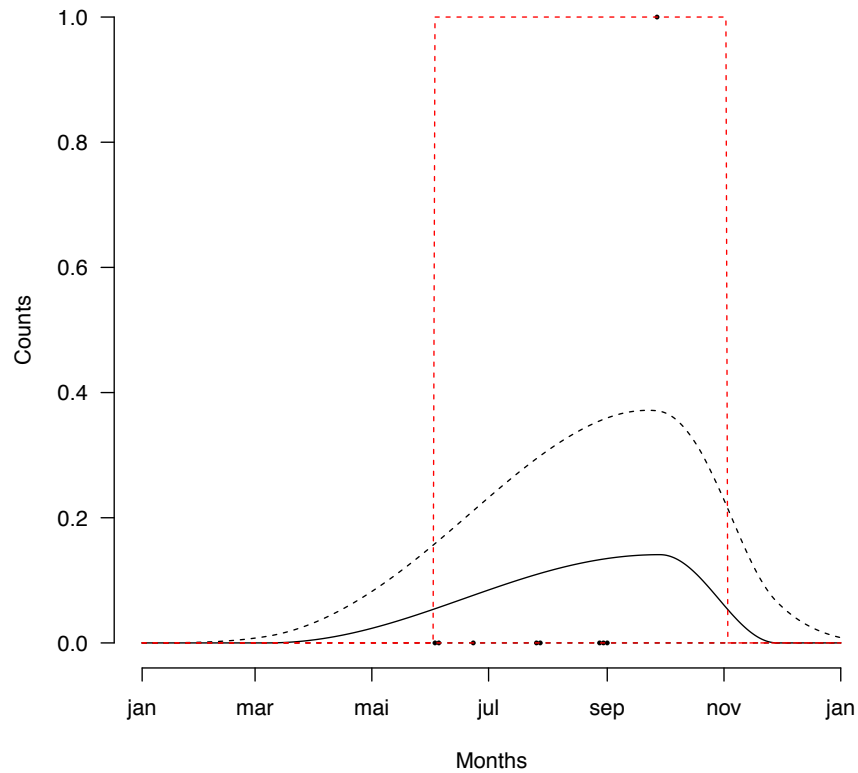
```
##
## Number of timeseries: 1
## -----
## 7#anse l'eglise@saint louis-2008
## -----
## Estimation without the observed data
## Total number of counts: 19.7224 ; SD 14.2815
## Estimation taking into account the observed data
## Total number of counts: 19.5788 ; SD 13.4629
## 95% confidence interval: 1 - 46.5046
```

7#anse l'eglise@saint louis-2009



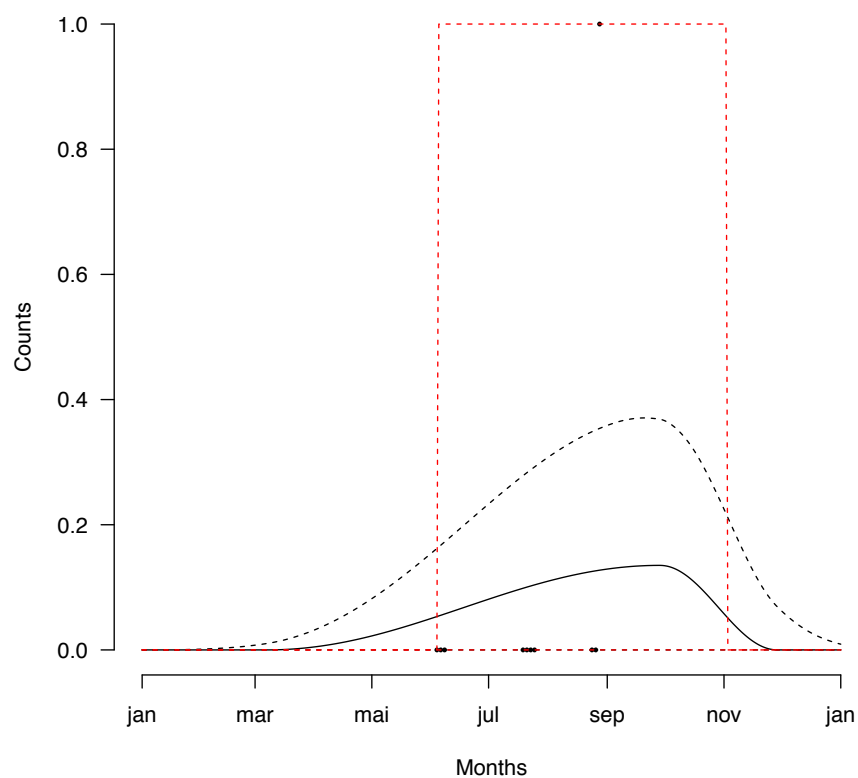
```
##
## Number of timeseries: 1
## -----
## 7#anse l'eglise@saint louis-2009
## -----
## Estimation without the observed data
## Total number of counts: 19.6335 ; SD 13.7809
## Estimation taking into account the observed data
## Total number of counts: 19.4673 ; SD 12.9752
## 95% confidence interval: 1 - 45.4177
```

7#anse l'eglise@saint louis-2010



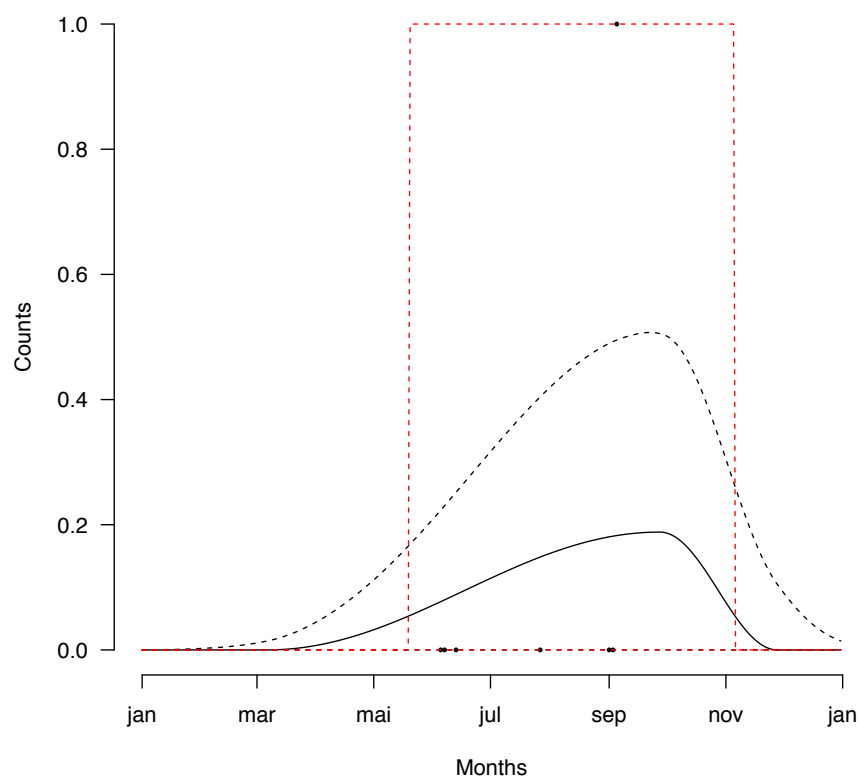
```
##
## Number of timeseries: 1
## -----
## 7#anse l'eglise@saint louis-2010
## -----
## Estimation without the observed data
## Total number of counts: 23.0194 ; SD 16.0043
## Estimation taking into account the observed data
## Total number of counts: 22.8734 ; SD 15.2271
## 95% confidence interval: 1 - 53.3277
```

7#anse l'eglise@saint louis-2011



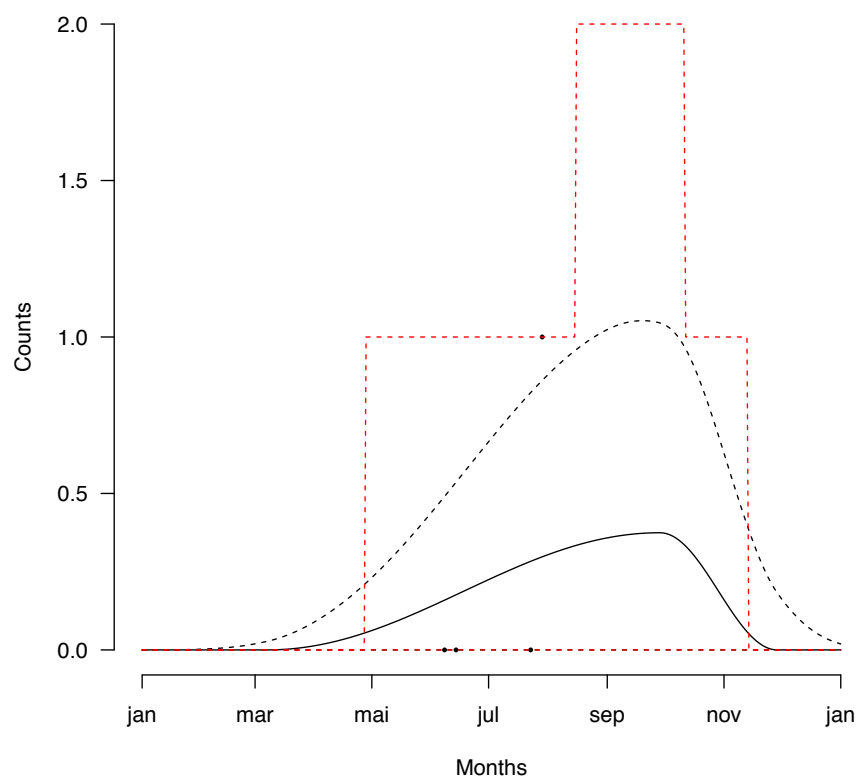
```
##
## Number of timeseries: 1
## -----
## 7#anse l'eglise@saint louis-2011
## -----
## Estimation without the observed data
## Total number of counts: 23.0084 ; SD 16.3089
## Estimation taking into account the observed data
## Total number of counts: 22.8069 ; SD 15.4699
## 95% confidence interval: 1 - 53.7468
```

7#anse l'eglise@saint louis-2012



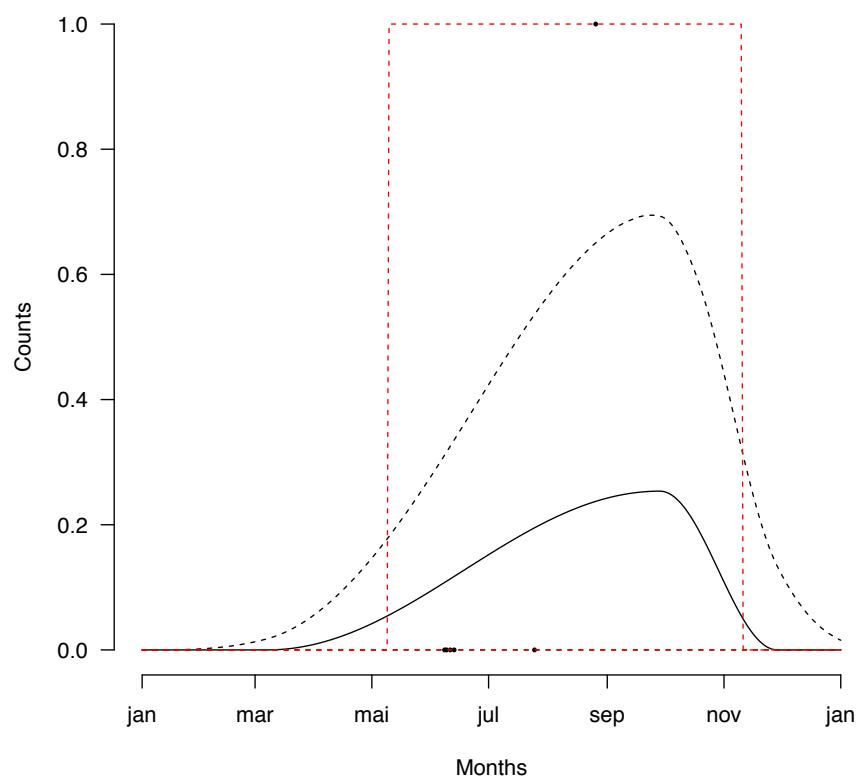
```
##
## Number of timeseries: 1
## -----
## 7#anse l'eglise@saint louis-2012
## -----
## Estimation without the observed data
## Total number of counts: 31.9845 ; SD 21.9807
## Estimation taking into account the observed data
## Total number of counts: 31.8146 ; SD 21.1913
## 95% confidence interval: 1 - 74.1971
```


7#anse l'eglise@saint louis-2013



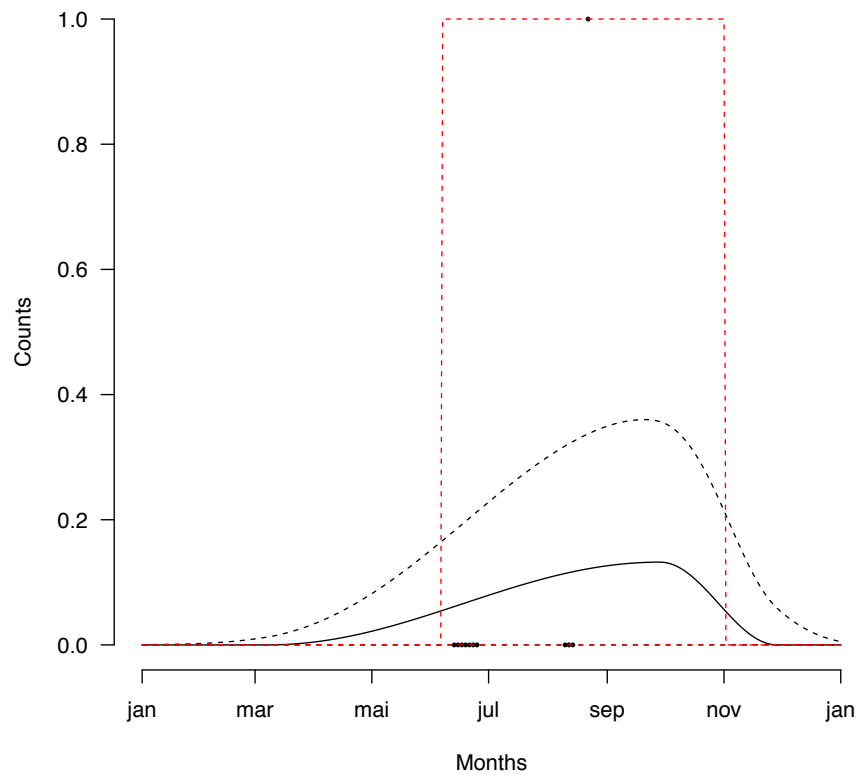
```
##
## Number of timeseries: 1
## -----
## 7#anse l'eglise@saint louis-2013
## -----
## Estimation without the observed data
## Total number of counts: 65.6684 ; SD 47.454
## Estimation taking into account the observed data
## Total number of counts: 65.4679 ; SD 46.5967
## 95% confidence interval: 1 - 158.6612
```

7#anse l'eglise@saint louis-2014



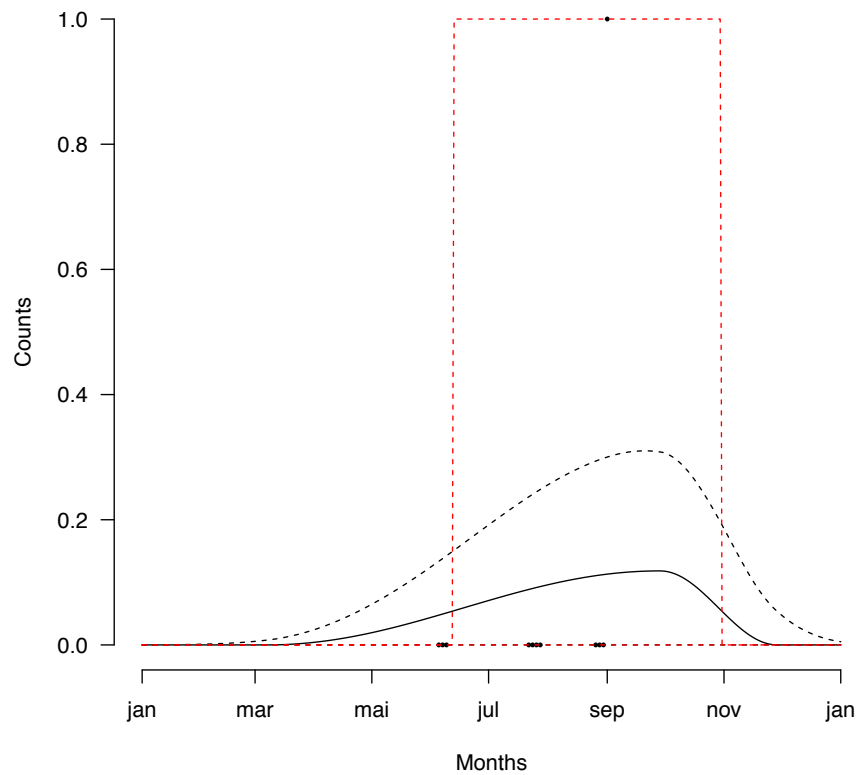
```
##
## Number of timeseries: 1
## -----
## 7#anse l'eglise@saint louis-2014
## -----
## Estimation without the observed data
## Total number of counts: 43.0976 ; SD 30.3295
## Estimation taking into account the observed data
## Total number of counts: 43.0084 ; SD 29.5822
## 95% confidence interval: 1 - 102.1729
```

7#feuillere@capesterre de marie galante-2007



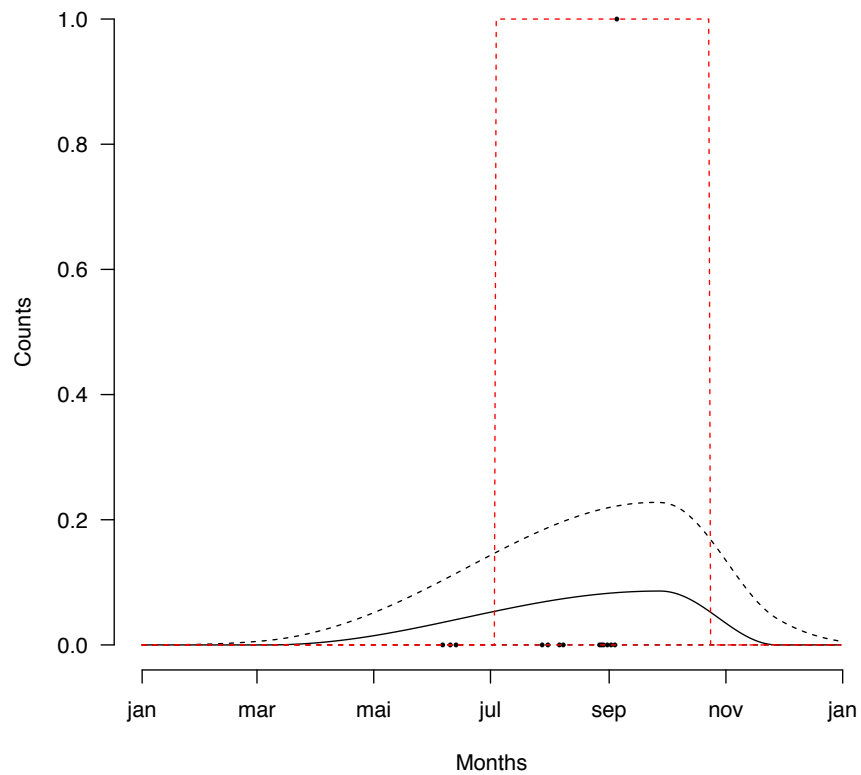
```
##
## Number of timeseries: 1
## -----
## 7#feuillere@capesterre de marie galante-2007
## -----
## Estimation without the observed data
## Total number of counts: 21.4585 ; SD 16.0084
## Estimation taking into account the observed data
## Total number of counts: 21.3276 ; SD 15.171
## 95% confidence interval: 1 - 51.6697
```

7#feuillere@capesterre de marie galante-2009



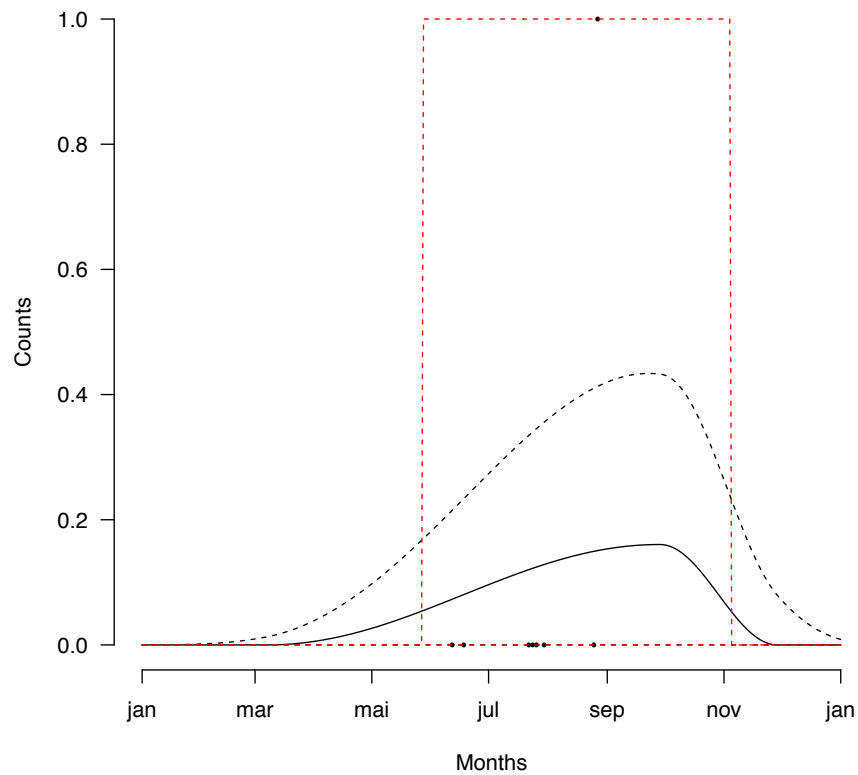
```
##
## Number of timeseries: 1
## -----
## 7#feuillere@capesterre de marie galante-2009
## -----
## Estimation without the observed data
## Total number of counts: 18.398 ; SD 13.232
## Estimation taking into account the observed data
## Total number of counts: 18.2964 ; SD 12.452
## 95% confidence interval: 1 - 43.2004
```

7#feuillere@capesterre de marie galante-2012



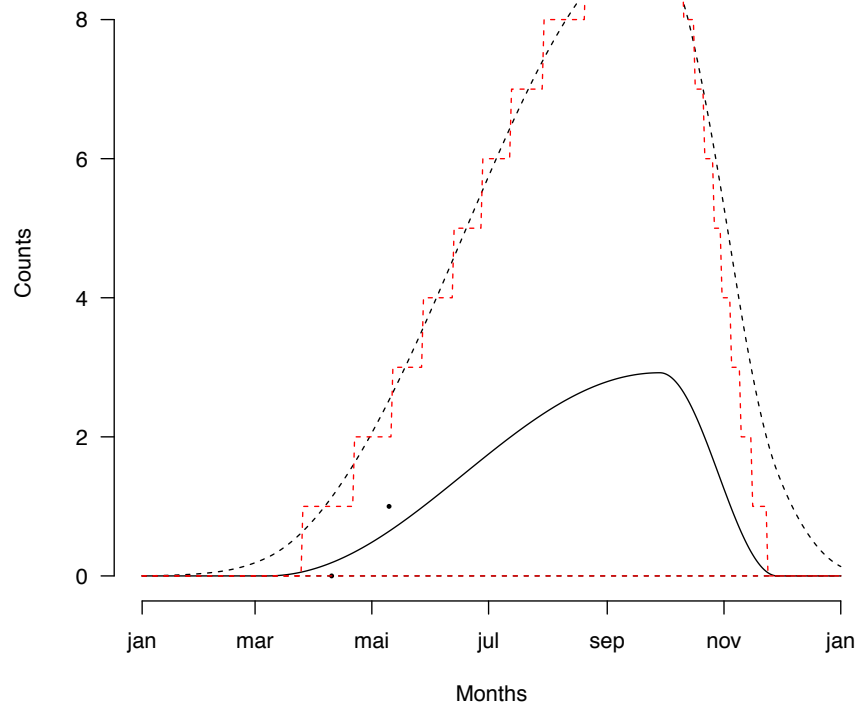
```
##
## Number of timeseries: 1
## -----
## 7#feuillere@capesterre de marie galante-2012
## -----
## Estimation without the observed data
## Total number of counts: 13.739 ; SD 9.8404
## Estimation taking into account the observed data
## Total number of counts: 13.5906 ; SD 9.0405
## 95% confidence interval: 1 - 31.6715
```

7#feuillere@capesterre de marie galante-2014



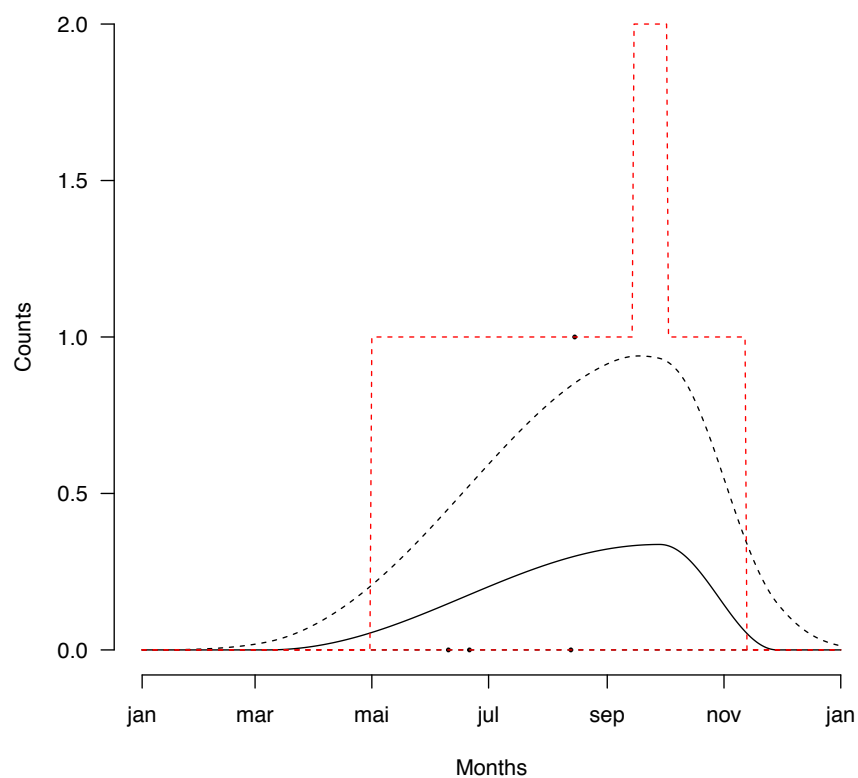
```
##
## Number of timeseries: 1
## -----
## 7#feuillere@capesterre de marie galante-2014
## -----
## Estimation without the observed data
## Total number of counts: 26.9107 ; SD 19.1767
## Estimation taking into account the observed data
## Total number of counts: 26.7365 ; SD 18.3549
## 95% confidence interval: 1 - 63.4464
```

7#folle anse@grand bourg-2005



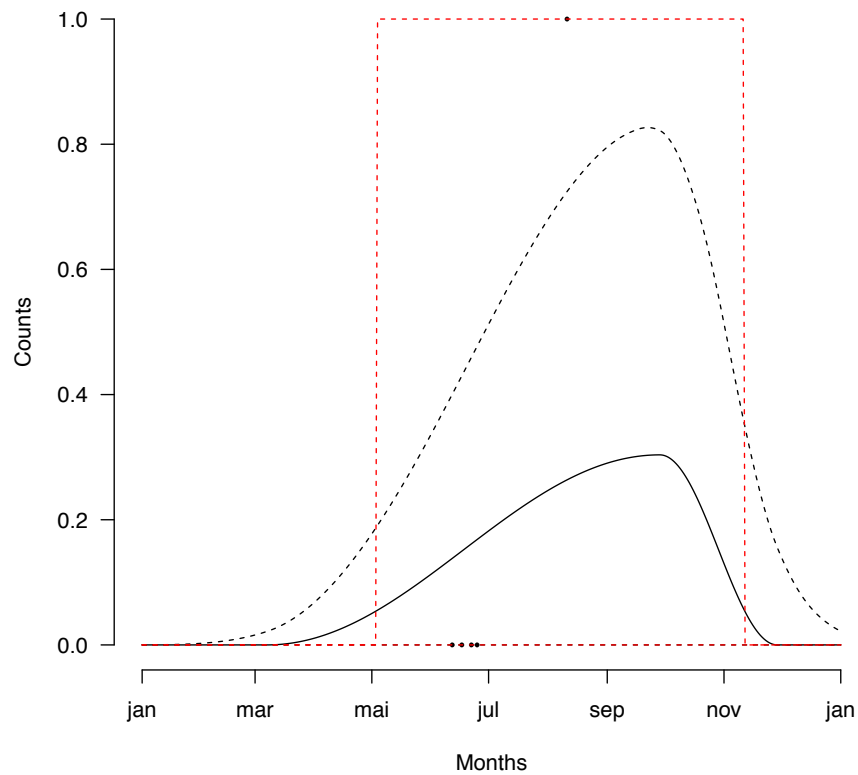
```
##
## Number of timeseries: 1
## -----
## 7#folle anse@grand bourg-2005
## -----
## Estimation without the observed data
## Total number of counts: 569.5131 ; SD 421.007
## Estimation taking into account the observed data
## Total number of counts: 569.1734 ; SD 419.936
## 95% confidence interval: 1 - 1409.0454
```

7#folle anse@grand bourg-2006



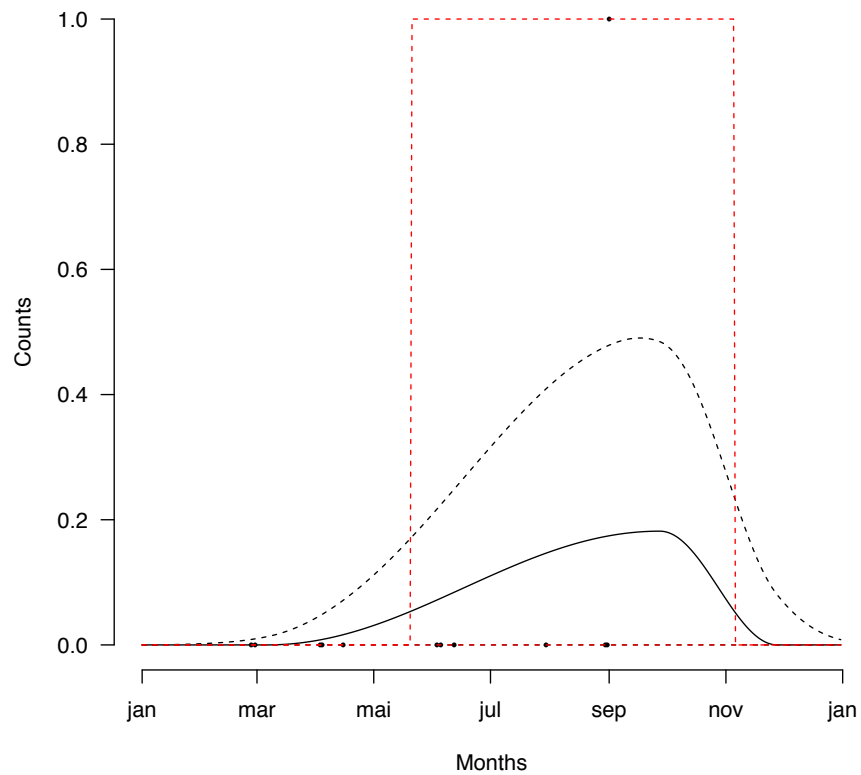
```
##
## Number of timeseries: 1
## -----
## 7#folle anse@grand bourg-2006
## -----
## Estimation without the observed data
## Total number of counts: 57.0544 ; SD 41.5389
## Estimation taking into account the observed data
## Total number of counts: 56.8982 ; SD 40.6937
## 95% confidence interval: 1 - 138.2857
```


7#folle anse@grand bourg-2007



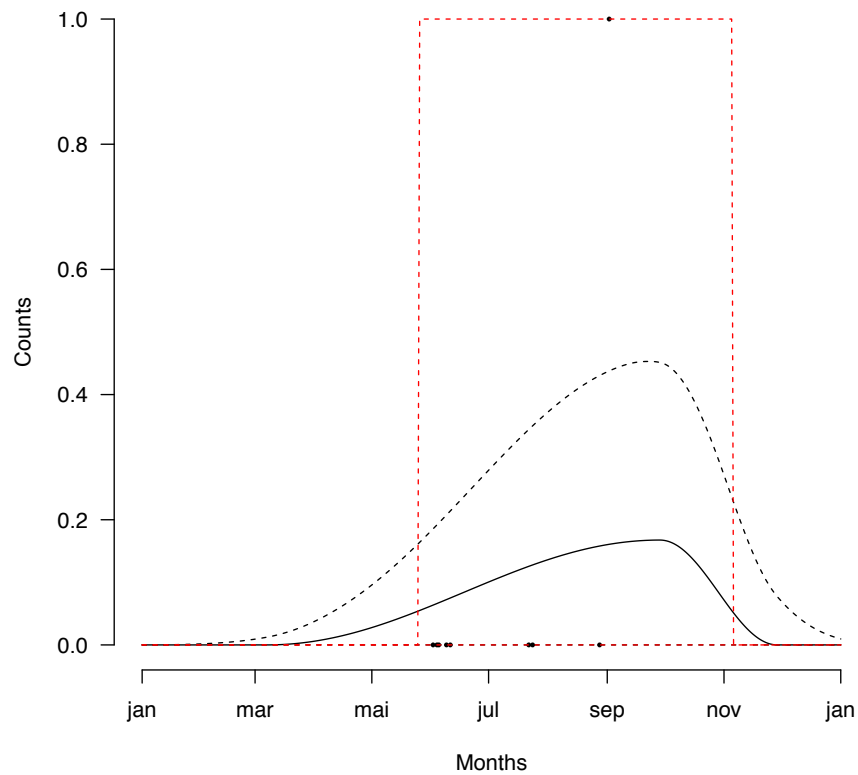
```
##
## Number of timeseries: 1
## -----
## 7#folle anse@grand bourg-2007
## -----
## Estimation without the observed data
## Total number of counts: 51.2246 ; SD 36.3139
## Estimation taking into account the observed data
## Total number of counts: 51.1362 ; SD 35.5538
## 95% confidence interval: 1 - 122.2437
```

7#folle anse@grand bourg-2008



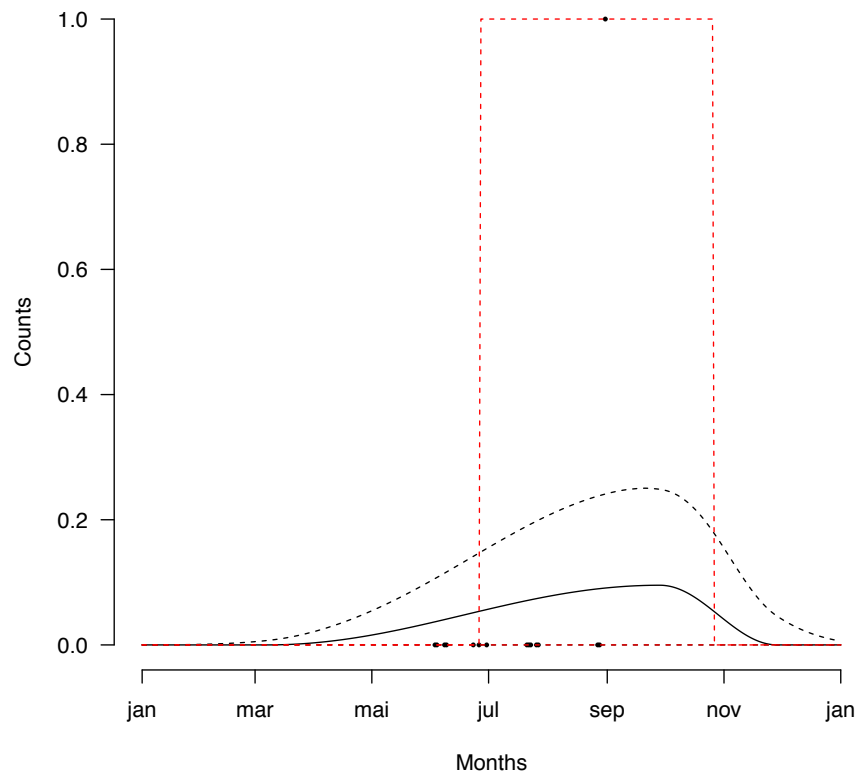
```
##
## Number of timeseries: 1
## -----
## 7#folle anse@grand bourg-2008
## -----
## Estimation without the observed data
## Total number of counts: 29.4836 ; SD 21.4952
## Estimation taking into account the observed data
## Total number of counts: 29.3415 ; SD 20.6631
## 95% confidence interval: 1 - 70.6676
```

7#folle anse@grand bourg-2009



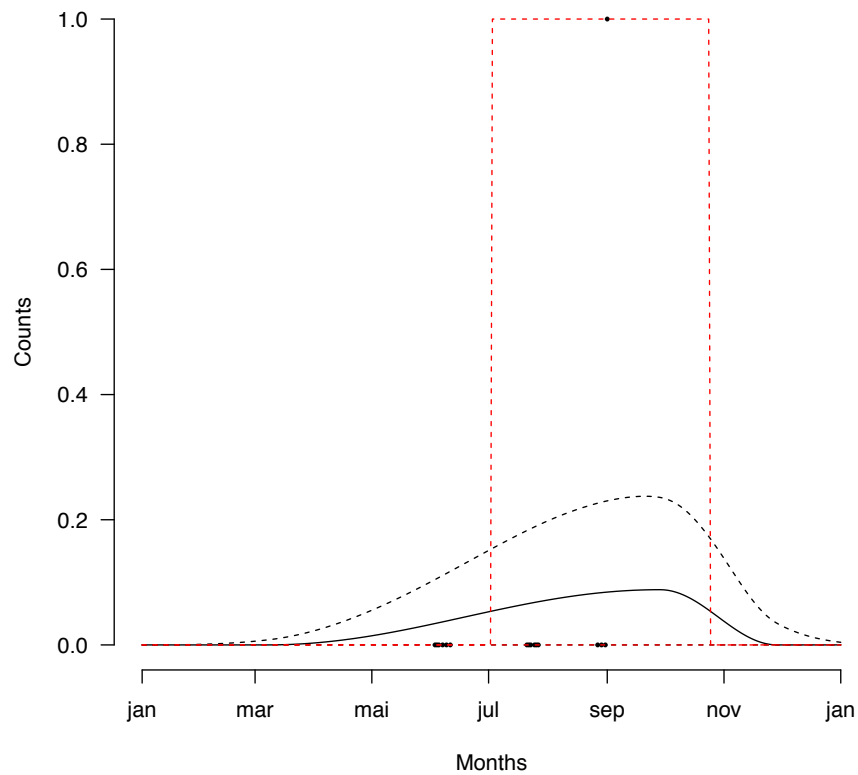
```
##
## Number of timeseries: 1
## -----
## 7#folle anse@grand bourg-2009
## -----
## Estimation without the observed data
## Total number of counts: 27.7624 ; SD 19.6167
## Estimation taking into account the observed data
## Total number of counts: 27.6377 ; SD 18.8379
## 95% confidence interval: 1 - 65.3136
```

7#folle anse@grand bourg-2010



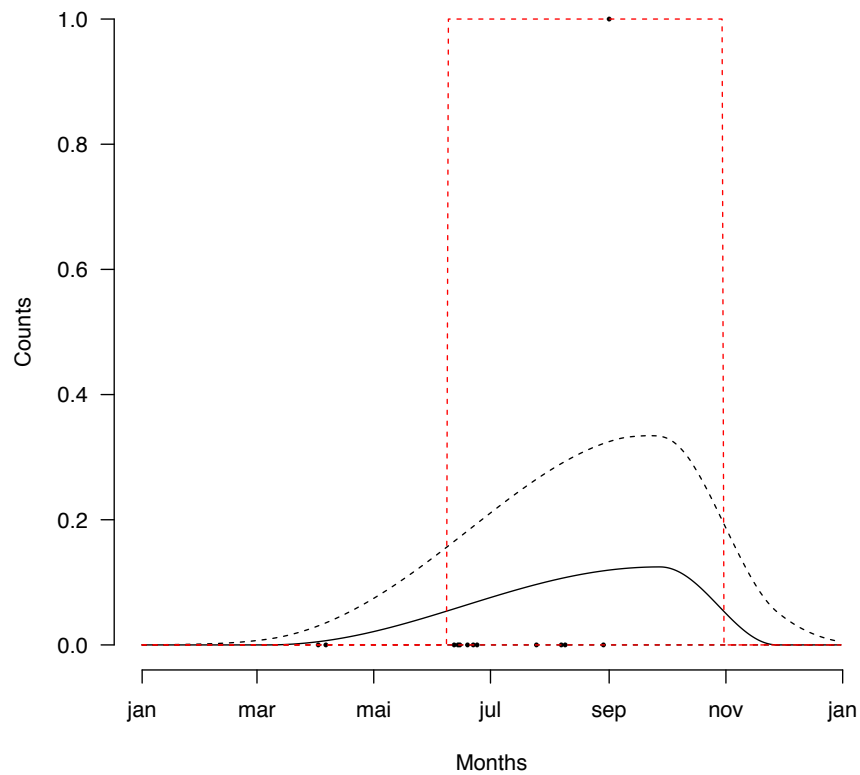
```
##
## Number of timeseries: 1
## -----
## 7#folle anse@grand bourg-2010
## -----
## Estimation without the observed data
## Total number of counts: 15.5279 ; SD 10.8037
## Estimation taking into account the observed data
## Total number of counts: 15.3799 ; SD 10.0277
## 95% confidence interval: 1 - 35.4353
```

7#folle anse@grand bourg-2011



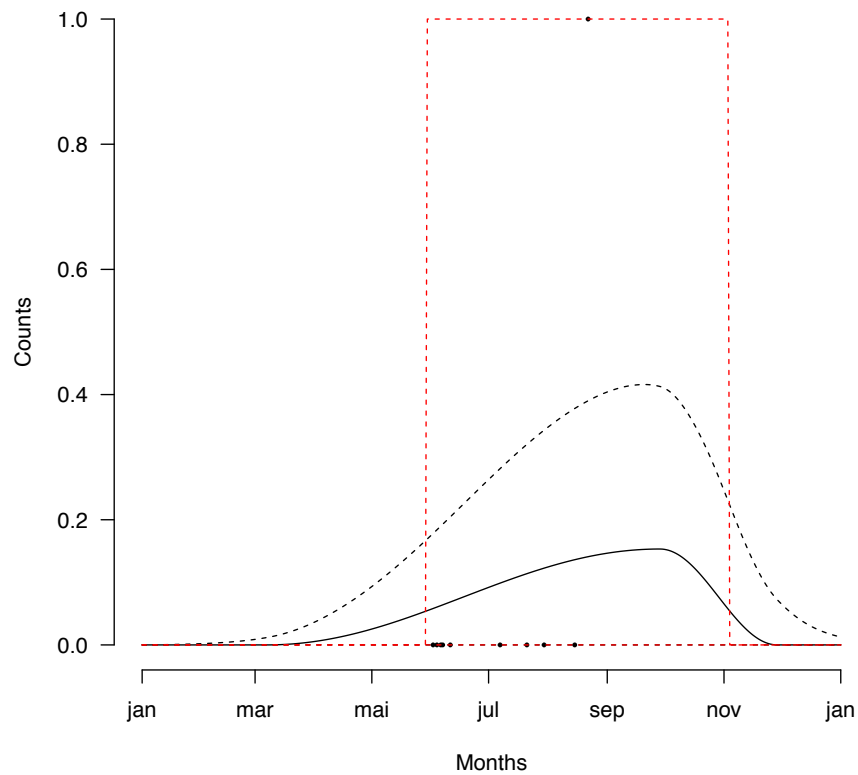
```
##
## Number of timeseries: 1
## -----
## 7#folle anse@grand bourg-2011
## -----
## Estimation without the observed data
## Total number of counts: 14.5159 ; SD 10.2692
## Estimation taking into account the observed data
## Total number of counts: 14.3431 ; SD 9.4373
## 95% confidence interval: 1 - 33.2177
```

7#folle anse@grand bourg-2012



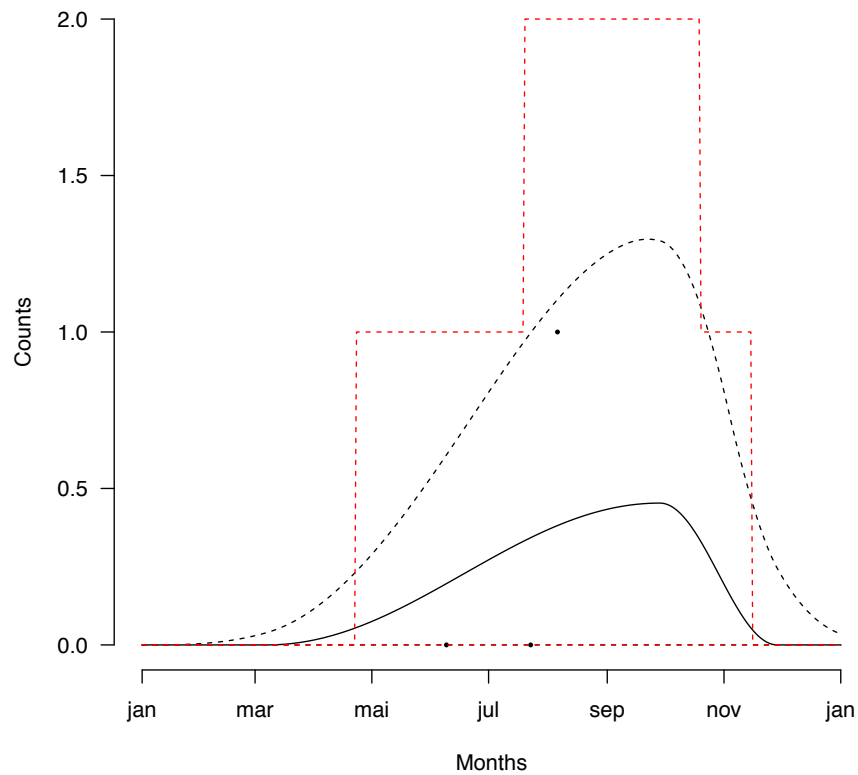
```
##
## Number of timeseries: 1
## -----
## 7#folle anse@grand bourg-2012
## -----
## Estimation without the observed data
## Total number of counts: 19.9503 ; SD 14.3535
## Estimation taking into account the observed data
## Total number of counts: 19.8314 ; SD 13.5492
## 95% confidence interval: 1 - 46.9298
```

7#folle anse@grand bourg-2013



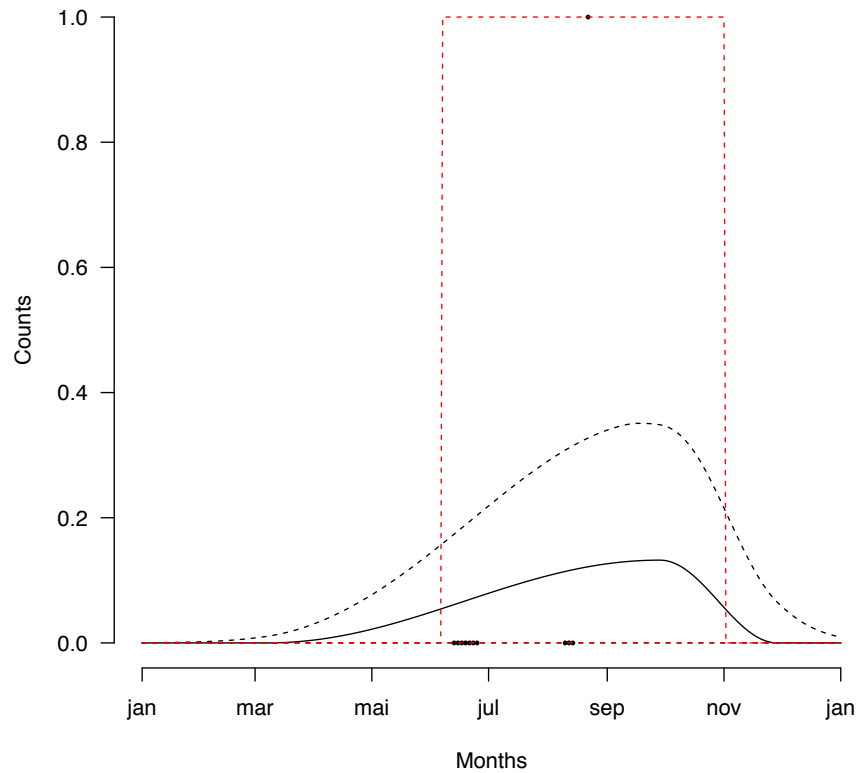
```
##
## Number of timeseries: 1
## -----
## 7#folle anse@grand bourg-2013
## -----
## Estimation without the observed data
## Total number of counts: 25.6119 ; SD 18.3832
## Estimation taking into account the observed data
## Total number of counts: 25.4602 ; SD 17.5575
## 95% confidence interval: 1 - 60.5752
```

7#folle anse@grand bourg-2014



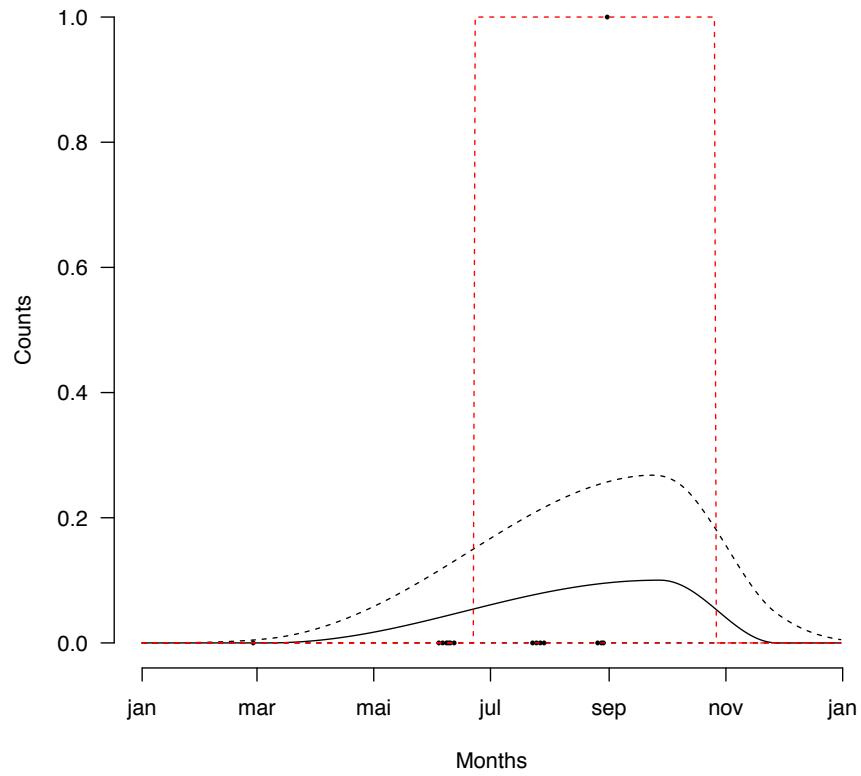
```
##
## Number of timeseries: 1
## -----
## 7#folle anse@grand bourg-2014
## -----
## Estimation without the observed data
## Total number of counts: 81.7877 ; SD 58.3712
## Estimation taking into account the observed data
## Total number of counts: 81.5625 ; SD 57.5149
## 95% confidence interval: 1 - 196.5923
```


7#petite anse@capesterre de marie galante-2007



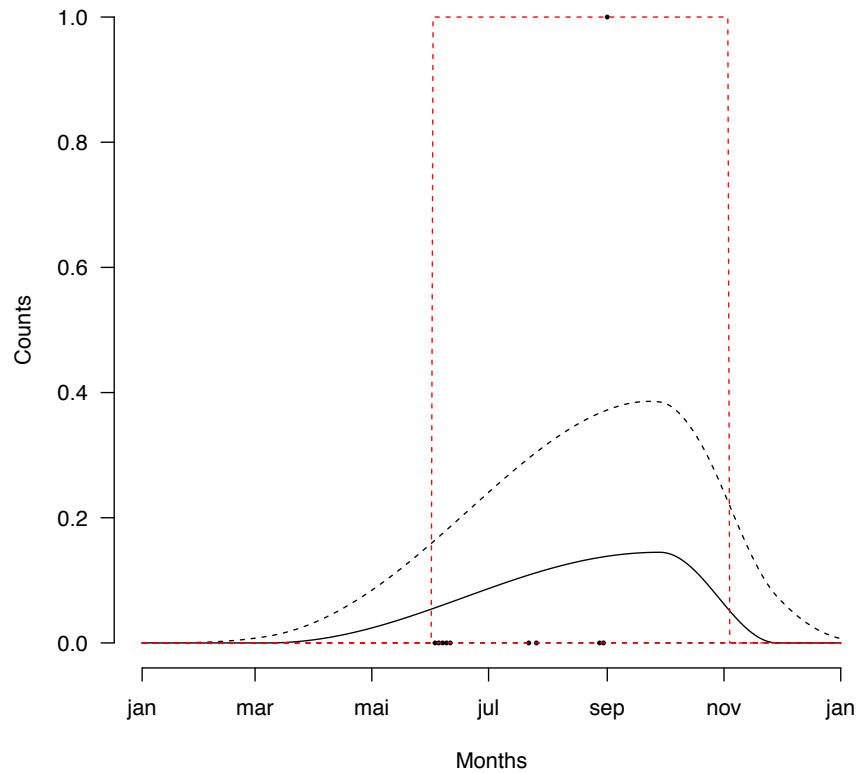
```
##
## Number of timeseries: 1
## -----
## 7#petite anse@capesterre de marie galante-2007
## -----
## Estimation without the observed data
## Total number of counts: 21.4667 ; SD 15.1733
## Estimation taking into account the observed data
## Total number of counts: 21.3474 ; SD 14.3914
## 95% confidence interval: 1 - 50.1301
```

7#petite anse@capesterre de marie galante-2008



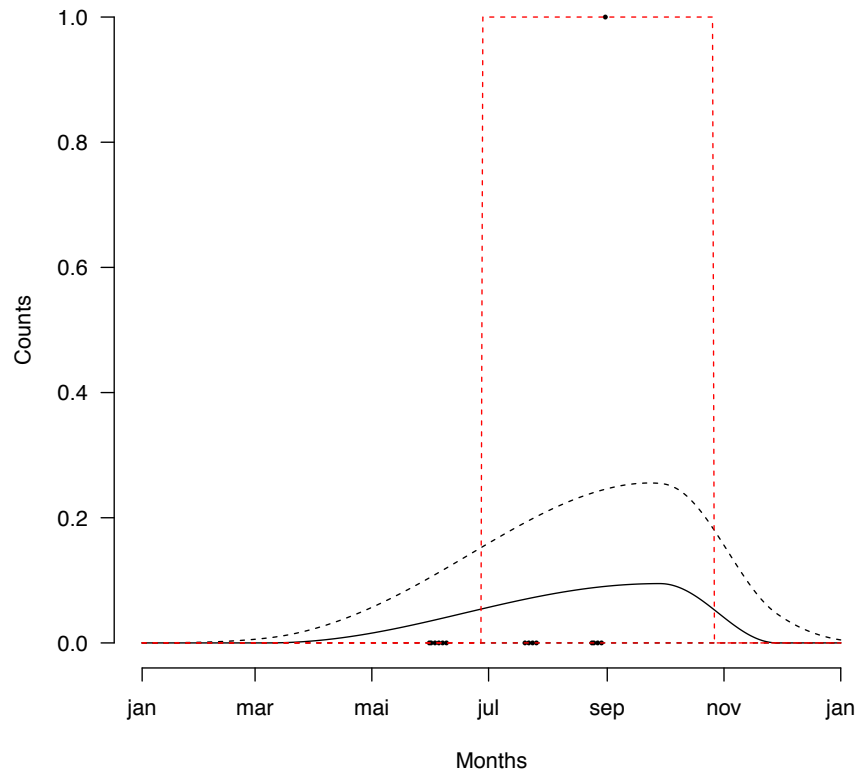
```
##
## Number of timeseries: 1
## -----
## 7#petite anse@capesterre de marie galante-2008
## -----
## Estimation without the observed data
## Total number of counts: 15.8992 ; SD 11.574
## Estimation taking into account the observed data
## Total number of counts: 15.7797 ; SD 10.7791
## 95% confidence interval: 1 - 37.3378
```

7#petite anse@capesterre de marie galante-2009



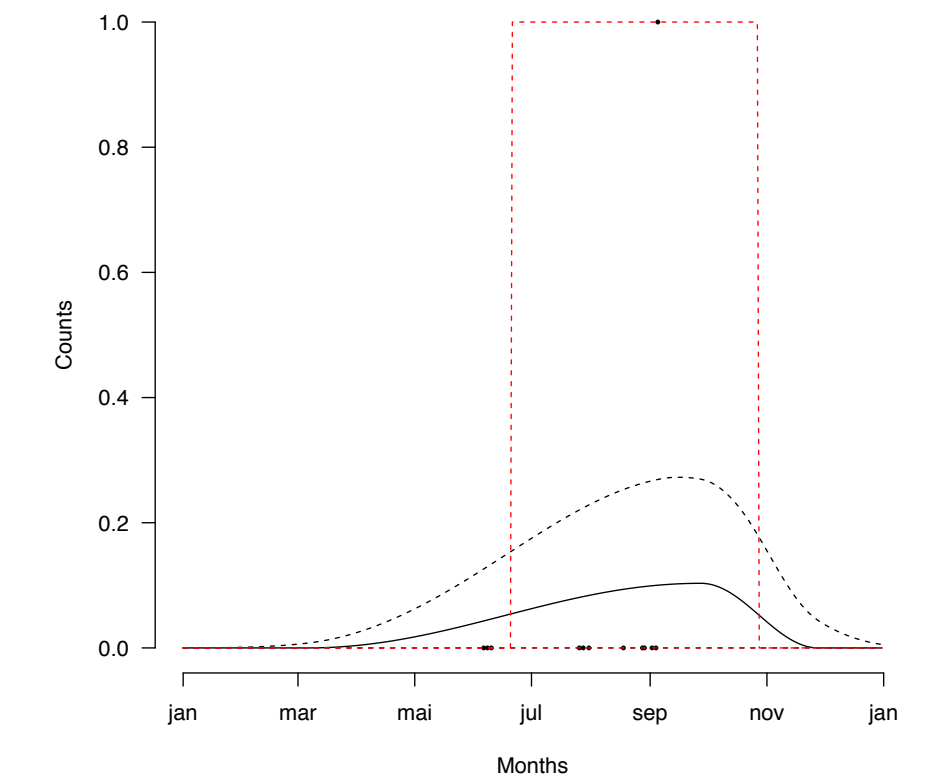
```
##
## Number of timeseries: 1
## -----
## 7#petite anse@capesterre de marie galante-2009
## -----
## Estimation without the observed data
## Total number of counts: 22.7834 ; SD 16.9059
## Estimation taking into account the observed data
## Total number of counts: 22.6935 ; SD 16.1213
## 95% confidence interval: 1 - 54.9362
```

7#petite anse@capesterre de marie galante-2011



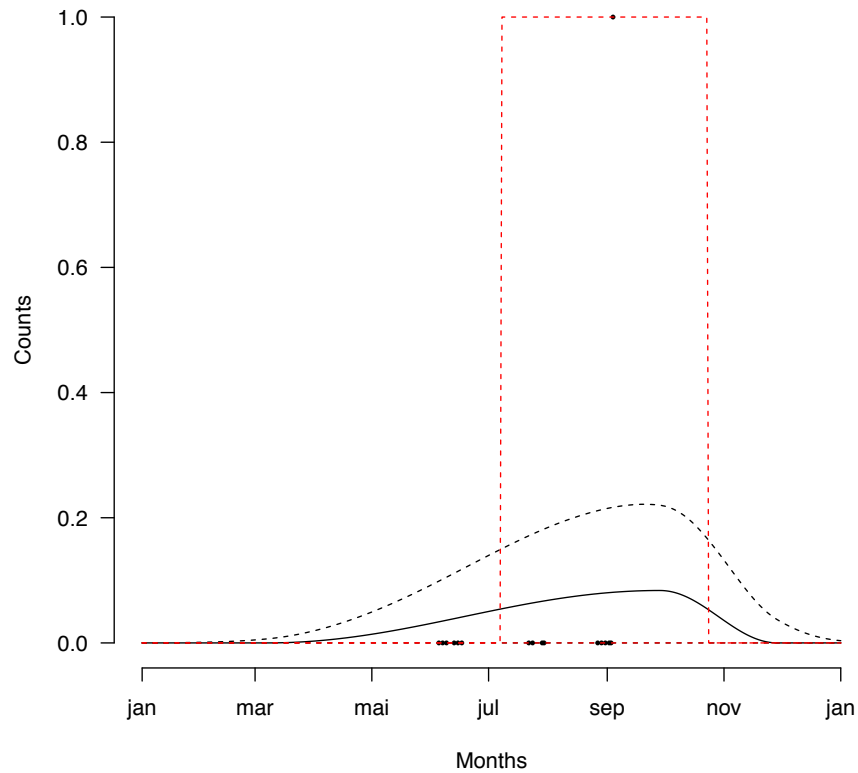
```
##
## Number of timeseries: 1
## -----
## 7#petite anse@capesterre de marie galante-2011
## -----
## Estimation without the observed data
## Total number of counts: 15.9526 ; SD 11.1474
## Estimation taking into account the observed data
## Total number of counts: 15.756 ; SD 10.3317
## 95% confidence interval: 1 - 36.4194
```

7#petite anse@capesterre de marie galante-2012



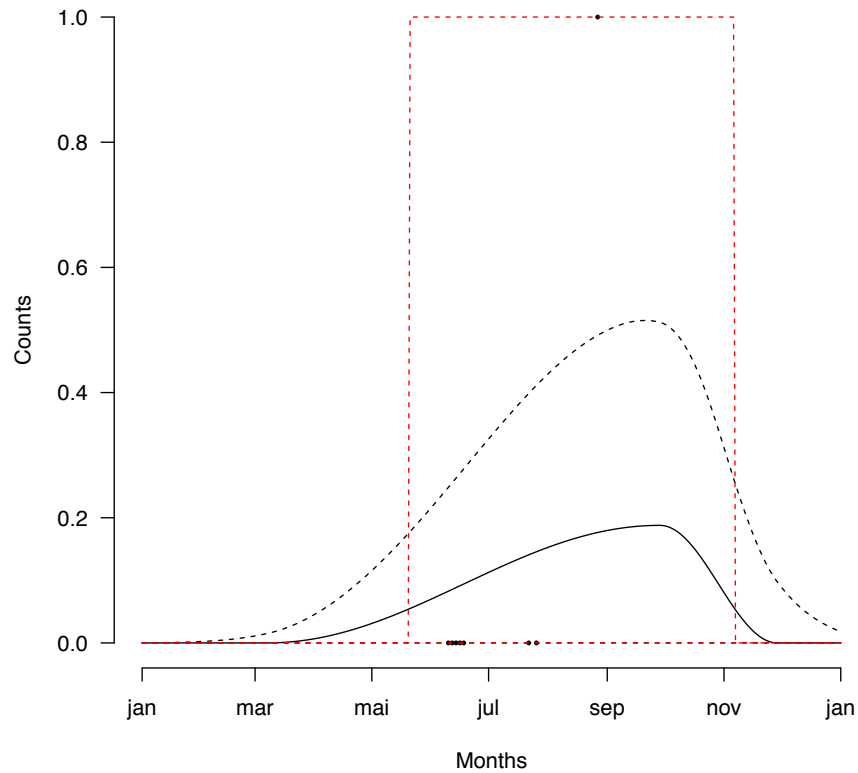
```
##
## Number of timeseries: 1
## -----
## 7#petite anse@capesterre de marie galante-2012
## -----
## Estimation without the observed data
## Total number of counts: 16.4628 ; SD 11.8003
## Estimation taking into account the observed data
## Total number of counts: 16.3091 ; SD 10.9852
## 95% confidence interval: 1 - 38.2794
```

7#petite anse@capesterre de marie galante-2013



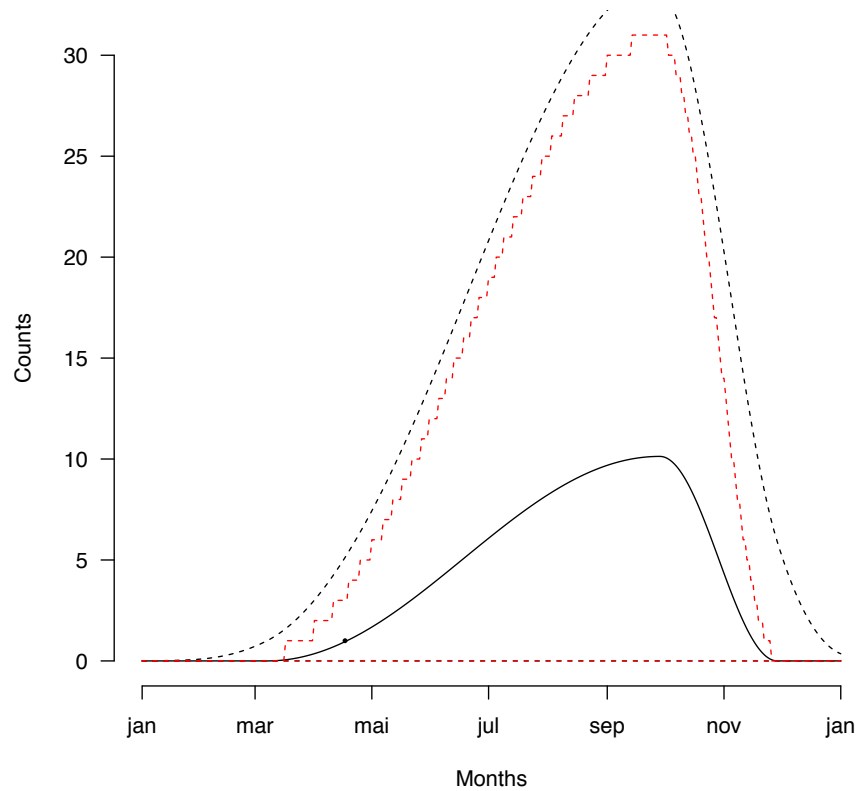
```
##
## Number of timeseries: 1
## -----
## 7#petite anse@capesterre de marie galante-2013
## -----
## Estimation without the observed data
## Total number of counts: 13.7654 ; SD 9.5248
## Estimation taking into account the observed data
## Total number of counts: 13.5837 ; SD 8.717
## 95% confidence interval: 1 - 31.0177
```

7#petite anse@capesterre de marie galante-2014



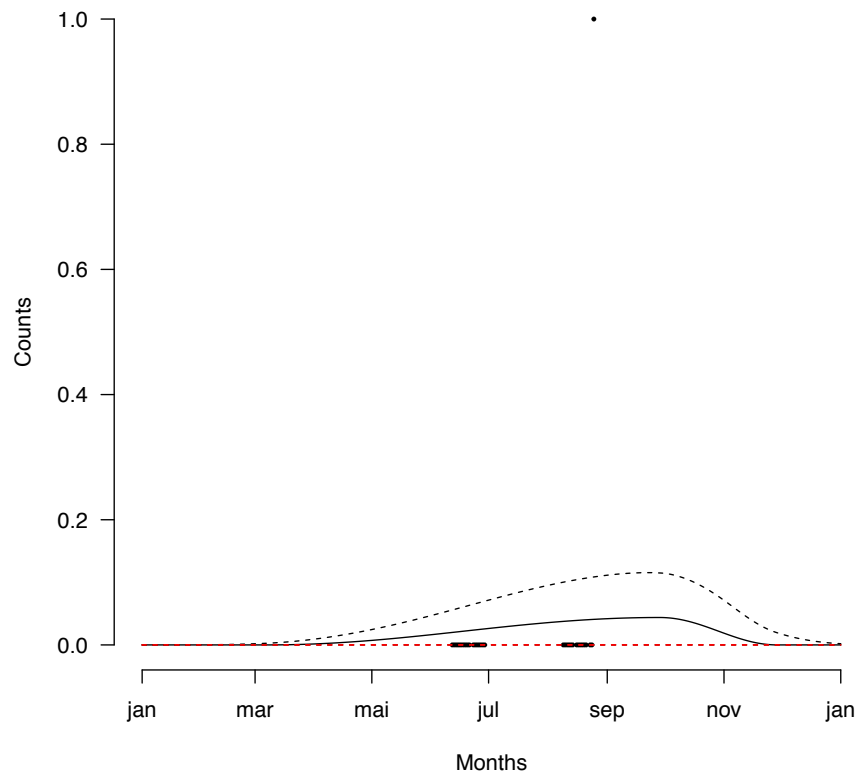
```
##
## Number of timeseries: 1
## -----
## 7#petite anse@capesterre de marie galante-2014
## -----
## Estimation without the observed data
## Total number of counts: 31.3548 ; SD 23.0144
## Estimation taking into account the observed data
## Total number of counts: 31.2508 ; SD 22.203
## 95% confidence interval: 1 - 75.6567
```

7#trois ilets@grand bourg-2005



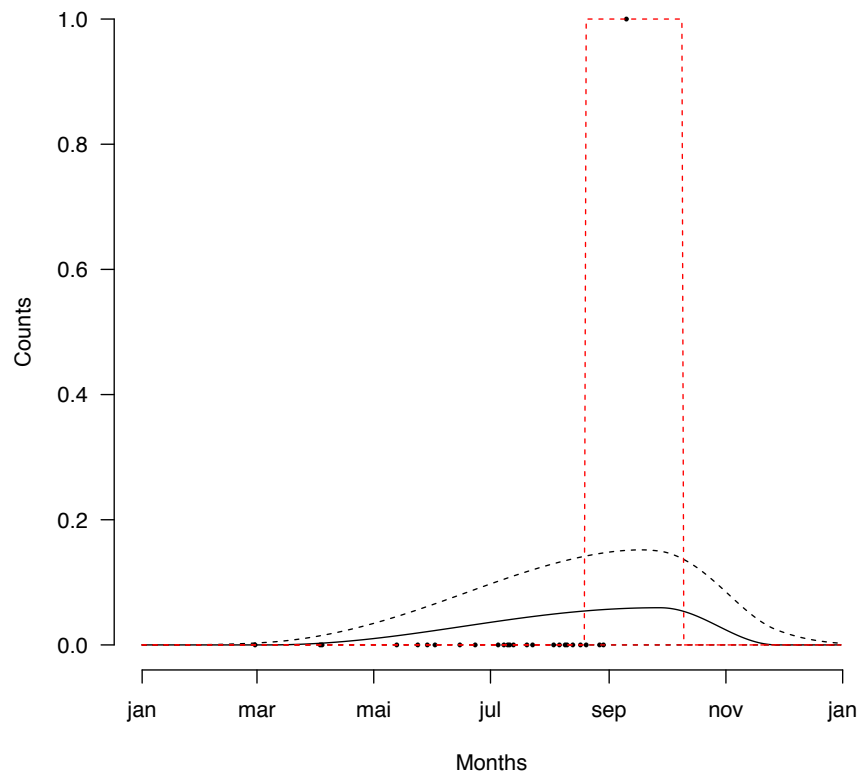
```
##
## Number of timeseries: 1
## -----
## 7#trois ilets@grand bourg-2005
## -----
## Estimation without the observed data
## Total number of counts: 2139.1916 ; SD 1593.2887
## Estimation taking into account the observed data
## Total number of counts: 2138.4538 ; SD 1591.9285
## 95% confidence interval: 1 - 5322.3108
```


7#trois ilets@grand bourg-2006



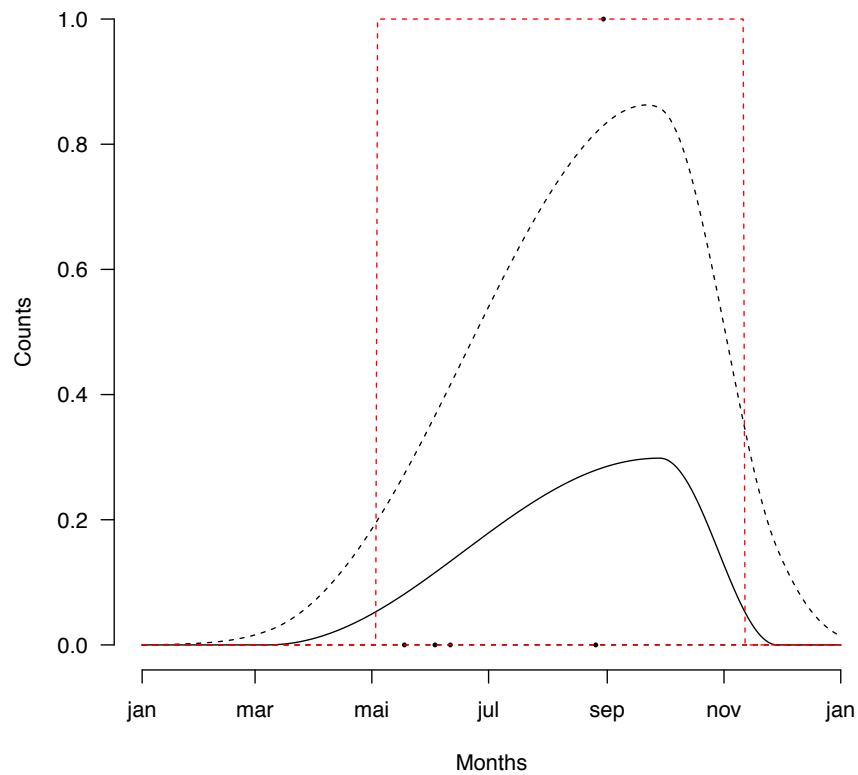
```
##
## Number of timeseries: 1
## -----
## 7#trois ilets@grand bourg-2006
## -----
## Estimation without the observed data
## Total number of counts: 6.9755 ; SD 4.9559
## Estimation taking into account the observed data
## Total number of counts: 6.8305 ; SD 4.161
## 95% confidence interval: 1 - 15.1524
```

7#trois ilets@grand bourg-2008



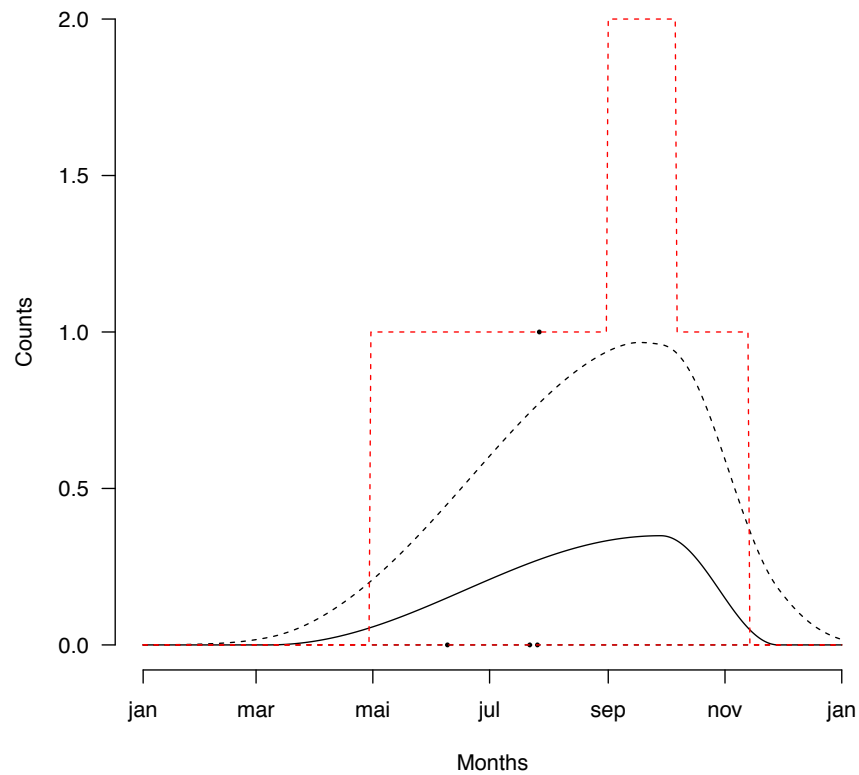
```
##
## Number of timeseries: 1
## -----
## 7#trois ilets@grand bourg-2008
## -----
## Estimation without the observed data
## Total number of counts: 9.1483 ; SD 6.3985
## Estimation taking into account the observed data
## Total number of counts: 9.0313 ; SD 5.6204
## 95% confidence interval: 1 - 20.2721
```

7#trois ilets@grand bourg-2009



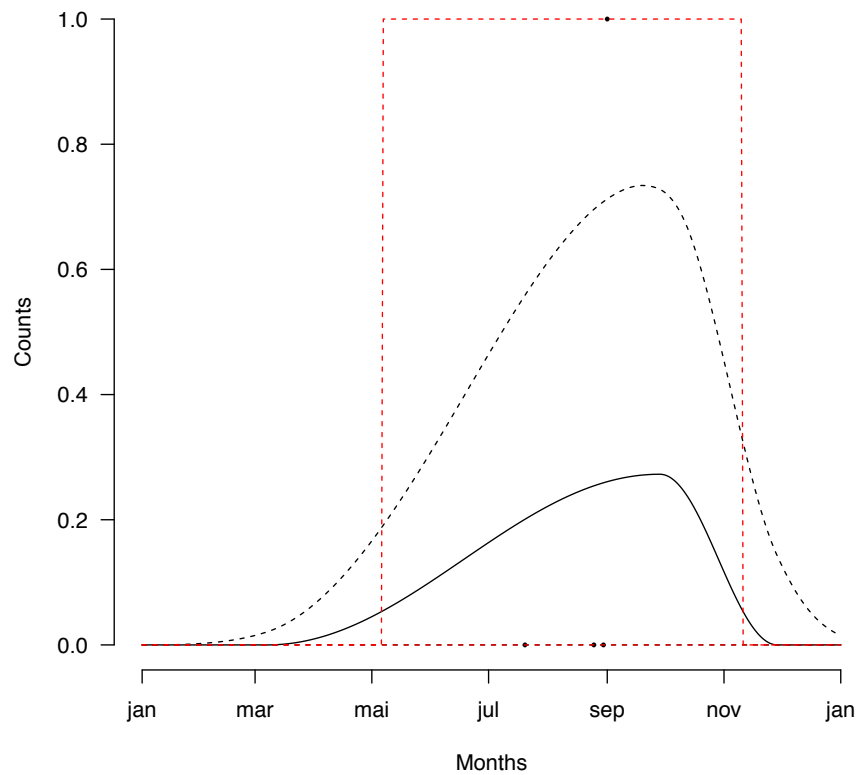
```
##
## Number of timeseries: 1
## -----
## 7#trois ilets@grand bourg-2009
## -----
## Estimation without the observed data
## Total number of counts: 50.5284 ; SD 39.3545
## Estimation taking into account the observed data
## Total number of counts: 50.4057 ; SD 38.4909
## 95% confidence interval: 1 - 127.3874
```

7#trois ilets@grand bourg-2010



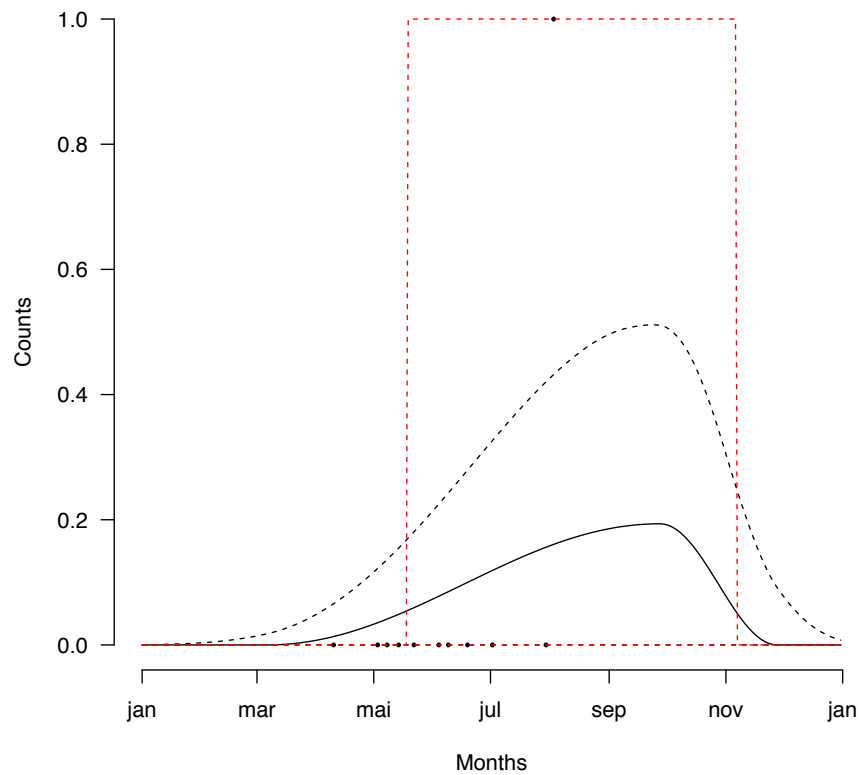
```
##
## Number of timeseries: 1
## -----
## 7#trois ilets@grand bourg-2010
## -----
## Estimation without the observed data
## Total number of counts: 60.8447 ; SD 42.7226
## Estimation taking into account the observed data
## Total number of counts: 60.6152 ; SD 41.8698
## 95% confidence interval: 1 - 144.3548
```

7#trois ilets@grand bourg-2011



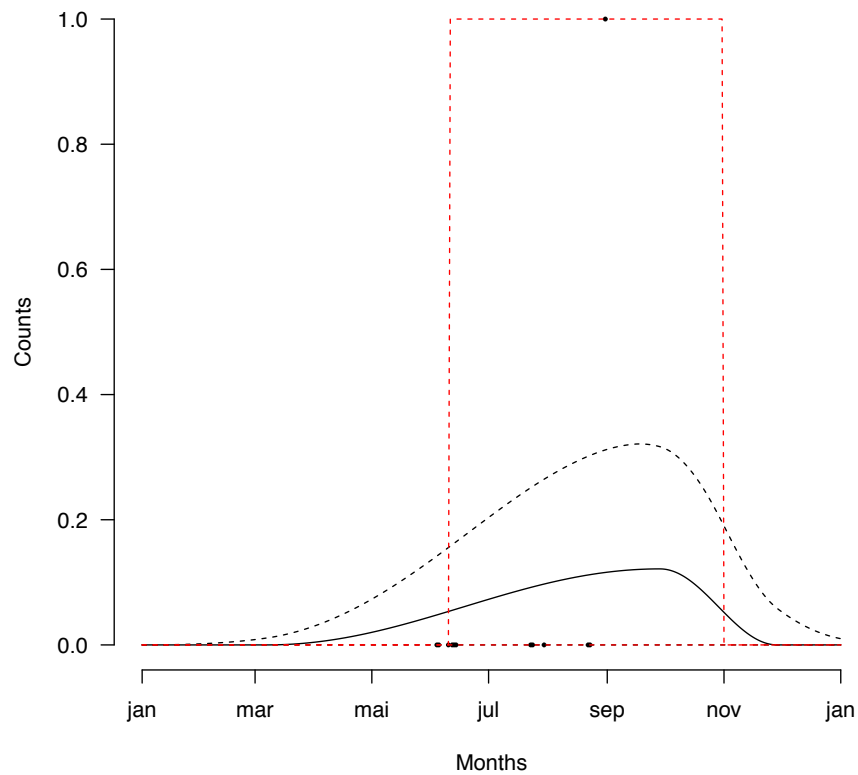
```
##
## Number of timeseries: 1
## -----
## 7#trois ilets@grand bourg-2011
## -----
## Estimation without the observed data
## Total number of counts: 47.2615 ; SD 32.0611
## Estimation taking into account the observed data
## Total number of counts: 47.0105 ; SD 31.2288
## 95% confidence interval: 1 - 109.4681
```

7#trois ilets@grand bourg-2012



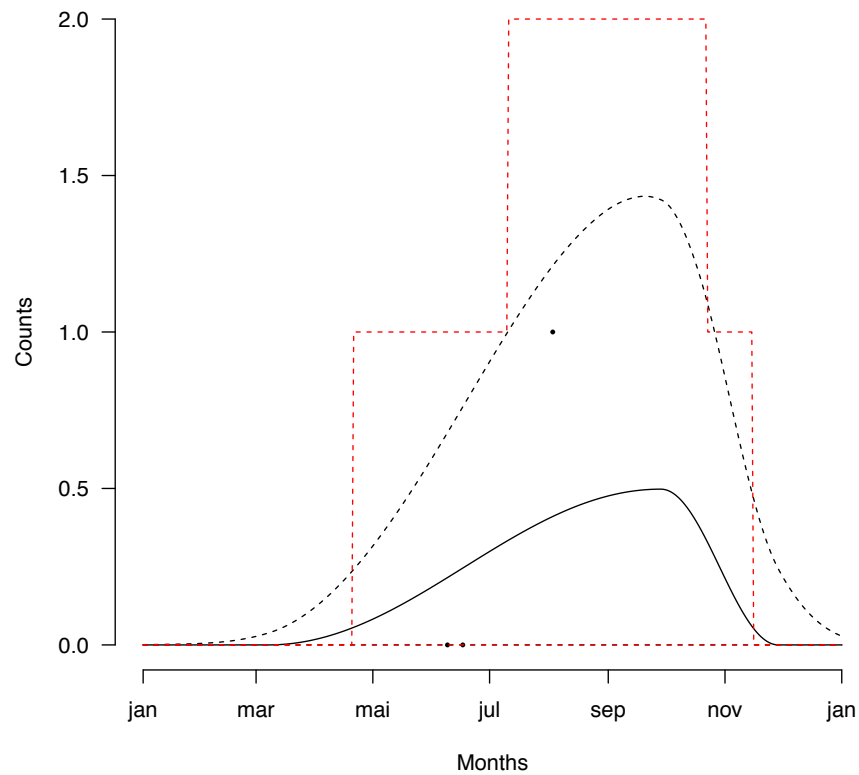
```
##
## Number of timeseries: 1
## -----
## 7#trois ilets@grand bourg-2012
## -----
## Estimation without the observed data
## Total number of counts: 31.2853 ; SD 22.0283
## Estimation taking into account the observed data
## Total number of counts: 31.201 ; SD 21.2748
## 95% confidence interval: 1 - 73.7507
```

7#trois ilets@grand bourg-2013



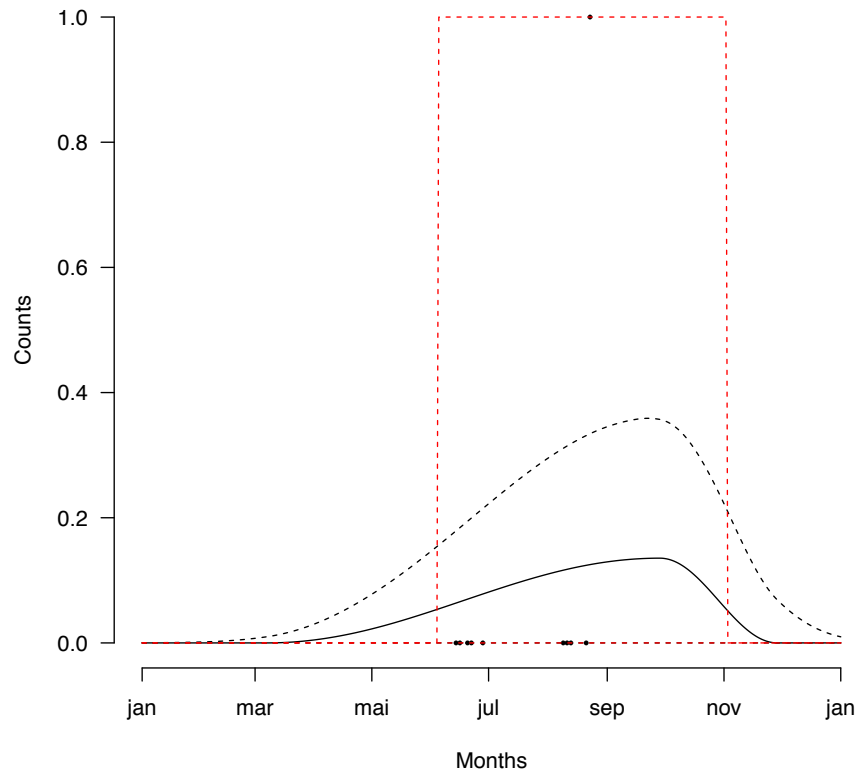
```
##
## Number of timeseries: 1
## -----
## 7#trois ilets@grand bourg-2013
## -----
## Estimation without the observed data
## Total number of counts: 19.4632 ; SD 13.8543
## Estimation taking into account the observed data
## Total number of counts: 19.3451 ; SD 13.0582
## 95% confidence interval: 1 - 45.4615
```

7#trois ilets@grand bourg-2014



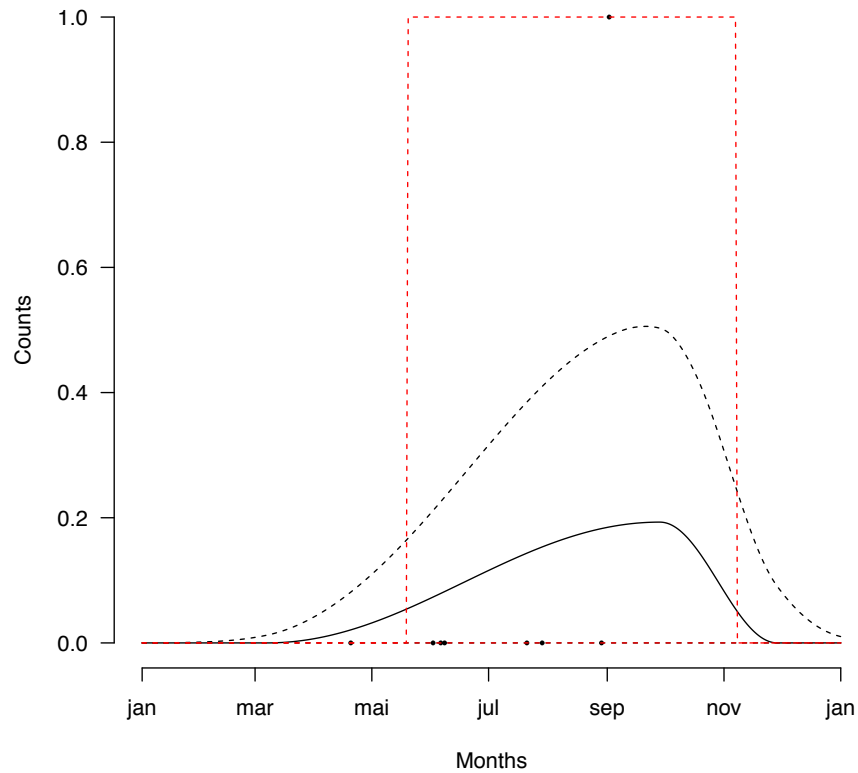
```
##
## Number of timeseries: 1
## -----
## 7#trois ilets@grand bourg-2014
## -----
## Estimation without the observed data
## Total number of counts: 91.071 ; SD 64.7182
## Estimation taking into account the observed data
## Total number of counts: 90.8909 ; SD 63.8731
## 95% confidence interval: 1 - 218.6372
```


7#vieux fort@saint louis-2007



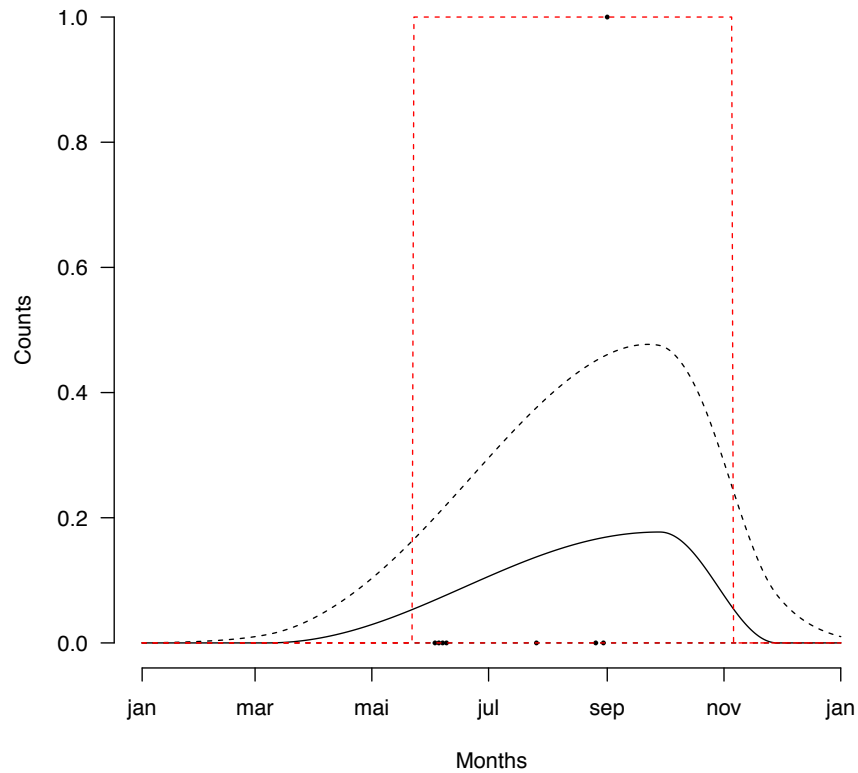
```
##
## Number of timeseries: 1
## -----
## 7#vieux fort@saint louis-2007
## -----
## Estimation without the observed data
## Total number of counts: 22.2373 ; SD 15.3215
## Estimation taking into account the observed data
## Total number of counts: 22.0778 ; SD 14.5432
## 95% confidence interval: 1 - 51.1643
```

7#vieux fort@saint louis-2009



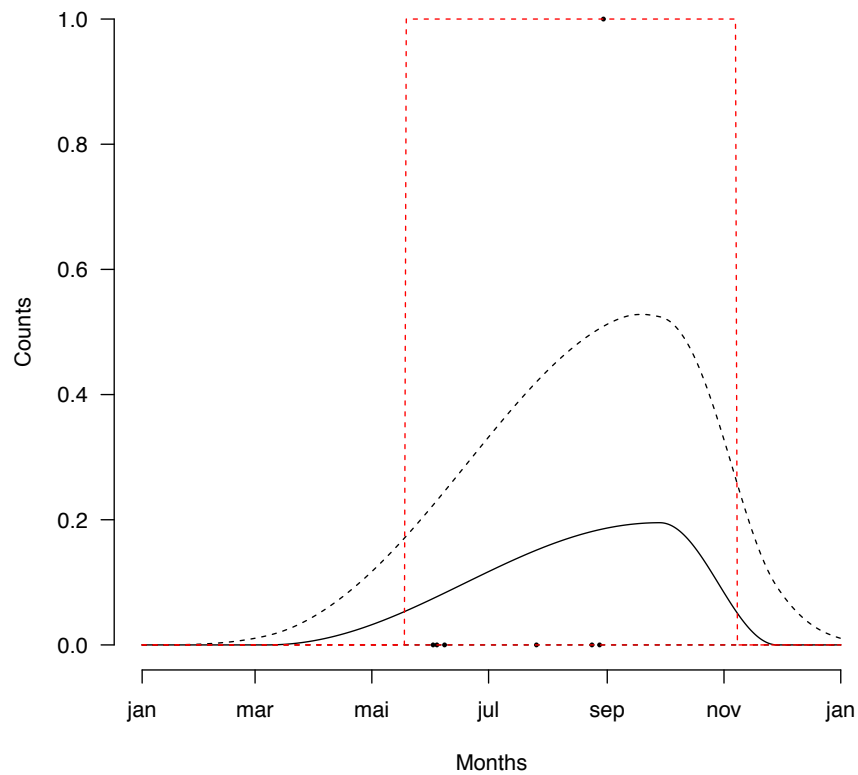
```
##
## Number of timeseries: 1
## -----
## 7#vieux fort@saint louis-2009
## -----
## Estimation without the observed data
## Total number of counts: 31.6621 ; SD 21.6595
## Estimation taking into account the observed data
## Total number of counts: 31.5353 ; SD 20.9034
## 95% confidence interval: 1 - 73.3421
```

7#vieux fort@saint louis-2010



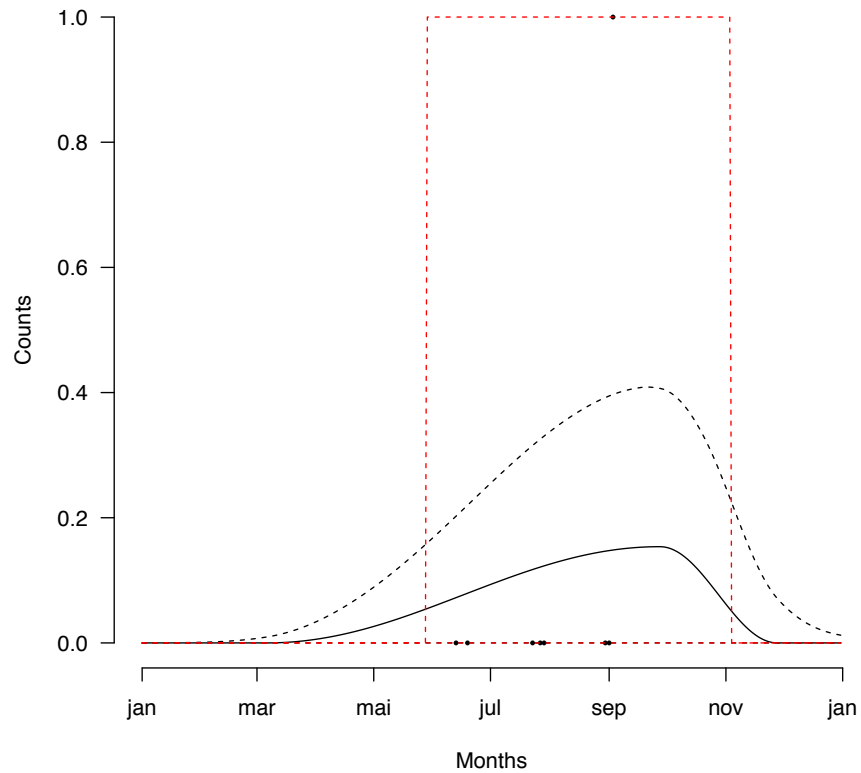
```
##
## Number of timeseries: 1
## -----
## 7#vieux fort@saint louis-2010
## -----
## Estimation without the observed data
## Total number of counts: 28.8265 ; SD 20.76
## Estimation taking into account the observed data
## Total number of counts: 28.702 ; SD 19.9665
## 95% confidence interval: 1 - 68.6349
```

7#vieux fort@saint louis-2011



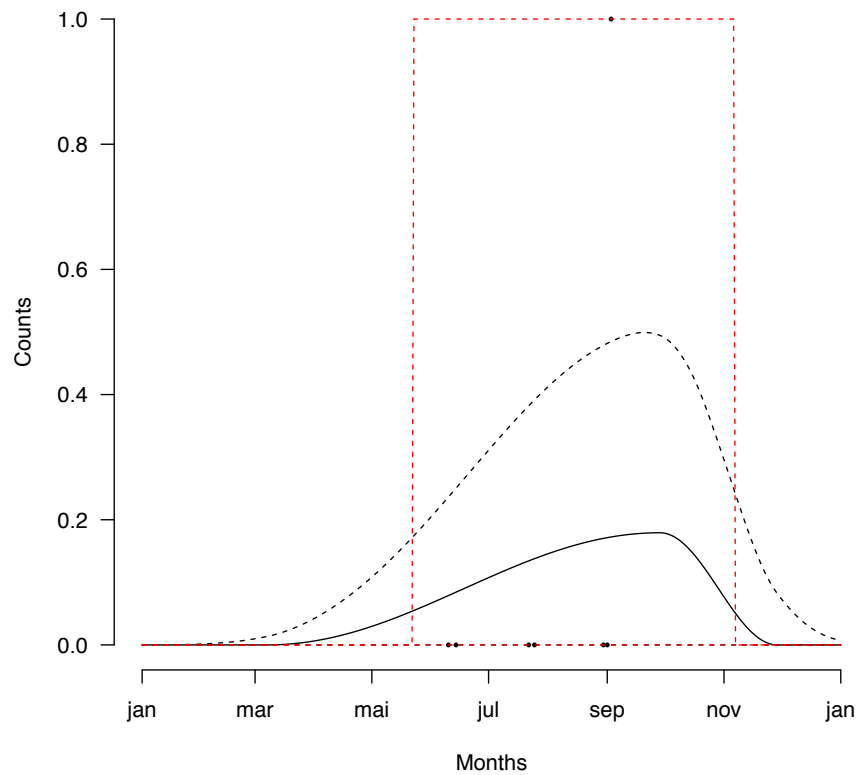
```
##
## Number of timeseries: 1
## -----
## 7#vieux fort@saint louis-2011
## -----
## Estimation without the observed data
## Total number of counts: 32.9803 ; SD 23.3156
## Estimation taking into account the observed data
## Total number of counts: 32.8102 ; SD 22.503
## 95% confidence interval: 1 - 77.8162
```

7#vieux fort@saint louis-2012



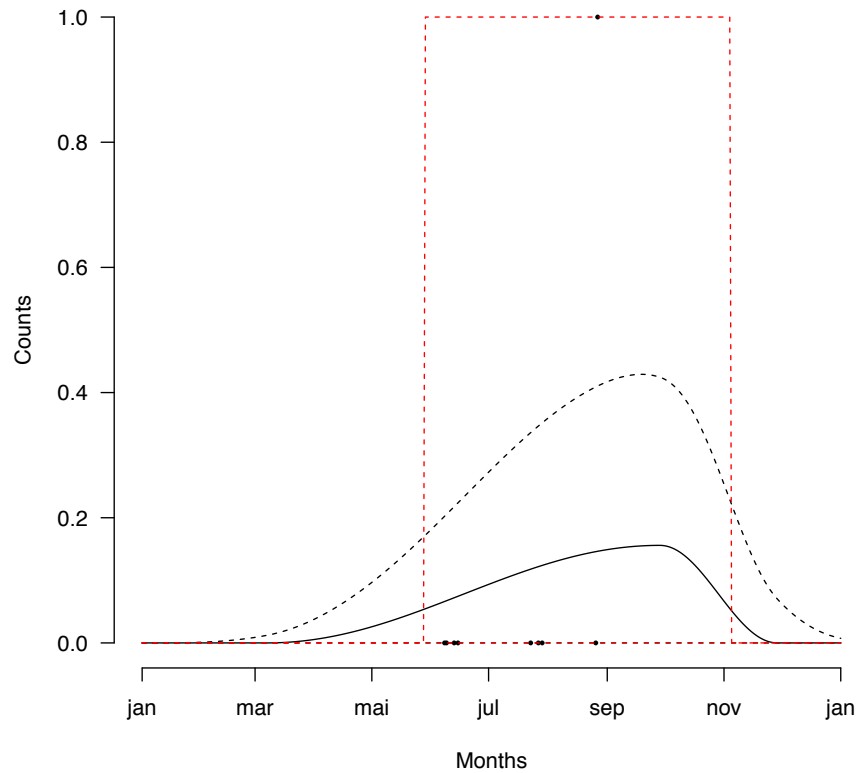
```
##
## Number of timeseries: 1
## -----
## 7#vieux fort@saint louis-2012
## -----
## Estimation without the observed data
## Total number of counts: 24.7367 ; SD 17.5746
## Estimation taking into account the observed data
## Total number of counts: 24.6023 ; SD 16.7884
## 95% confidence interval: 1 - 58.1791
```

7#vieux fort@saint louis-2013



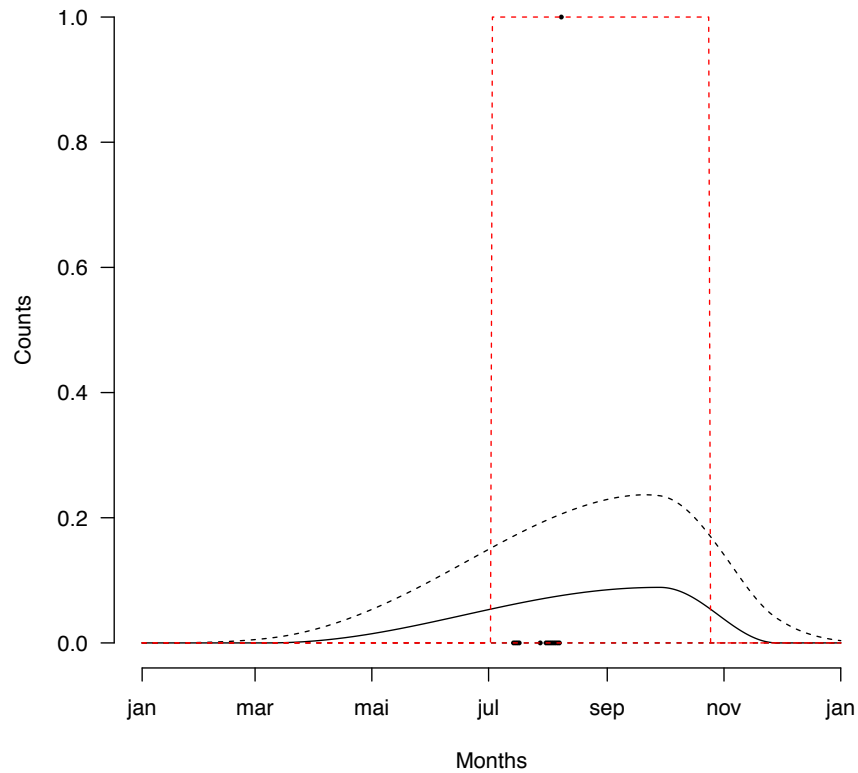
```
##
## Number of timeseries: 1
## -----
## 7#vieux fort@saint louis-2013
## -----
## Estimation without the observed data
## Total number of counts: 30.1971 ; SD 21.9359
## Estimation taking into account the observed data
## Total number of counts: 30.0043 ; SD 21.0829
## 95% confidence interval: 1 - 72.1702
```

7#vieux fort@saint louis-2014



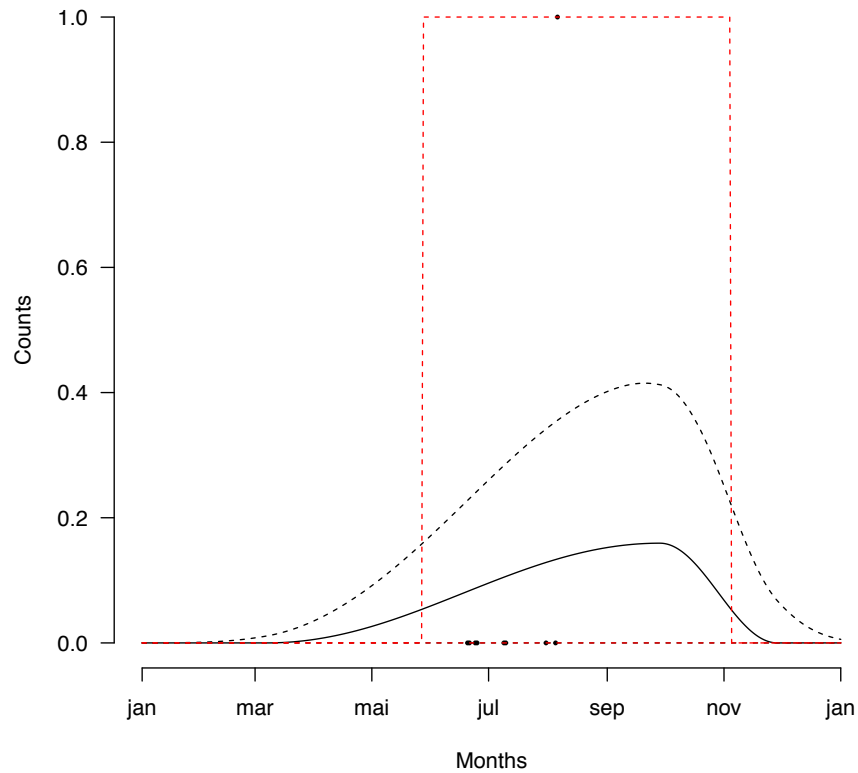
```
##
## Number of timeseries: 1
## -----
## 7#vieux fort@saint louis-2014
## -----
## Estimation without the observed data
## Total number of counts: 26.4798 ; SD 18.9902
## Estimation taking into account the observed data
## Total number of counts: 26.3022 ; SD 18.1421
## 95% confidence interval: 1 - 62.5865
```

8#anse crawen@les saintes (tdh)-2010



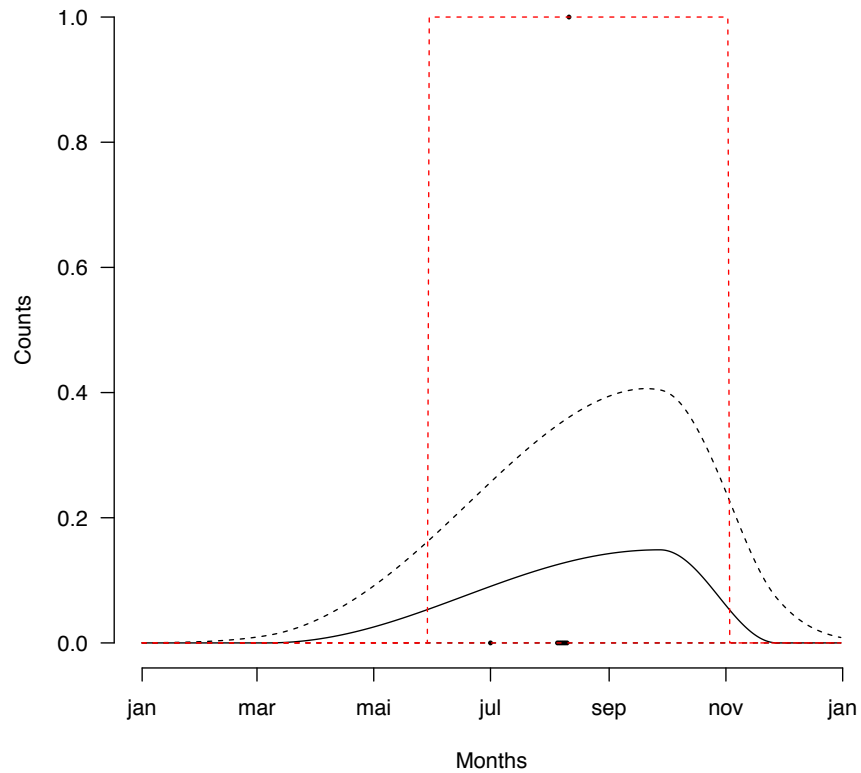
```
##
## Number of timeseries: 1
## -----
## 8#anse crawen@les saintes (tdh)-2010
## -----
## Estimation without the observed data
## Total number of counts: 14.2973 ; SD 10.2951
## Estimation taking into account the observed data
## Total number of counts: 14.1226 ; SD 9.4631
## 95% confidence interval: 1 - 33.0489
```


8#anse crawen@les saintes (tdh)-2011



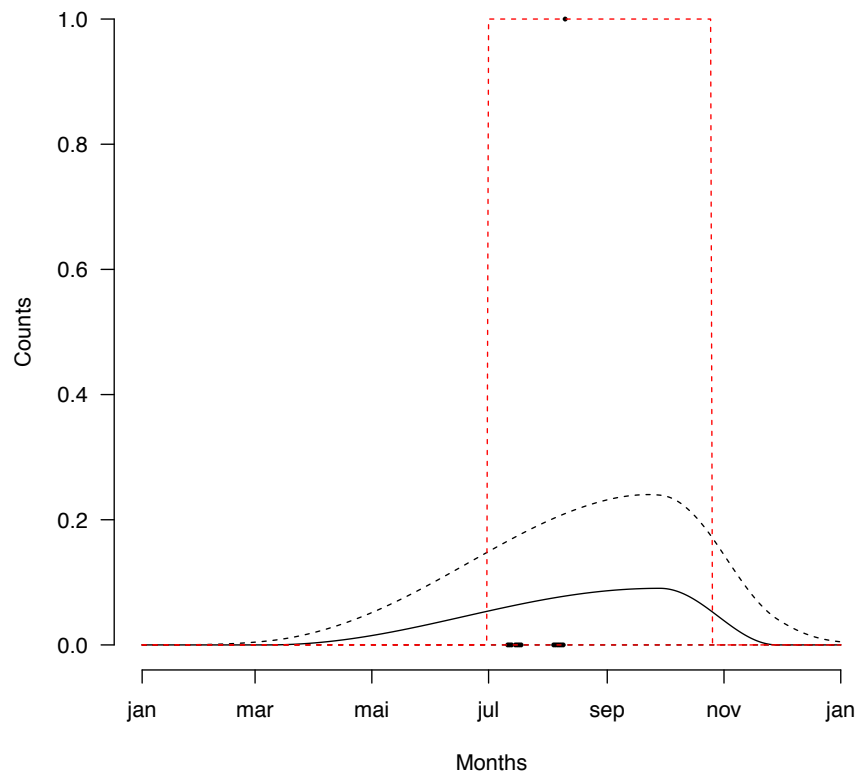
```
##
## Number of timeseries: 1
## -----
## 8#anse crawen@les saintes (tdh)-2011
## -----
## Estimation without the observed data
## Total number of counts: 24.6679 ; SD 17.7937
## Estimation taking into account the observed data
## Total number of counts: 24.5815 ; SD 17.02
## 95% confidence interval: 1 - 58.6216
```

8#anse crawen@les saintes (tdh)-2012



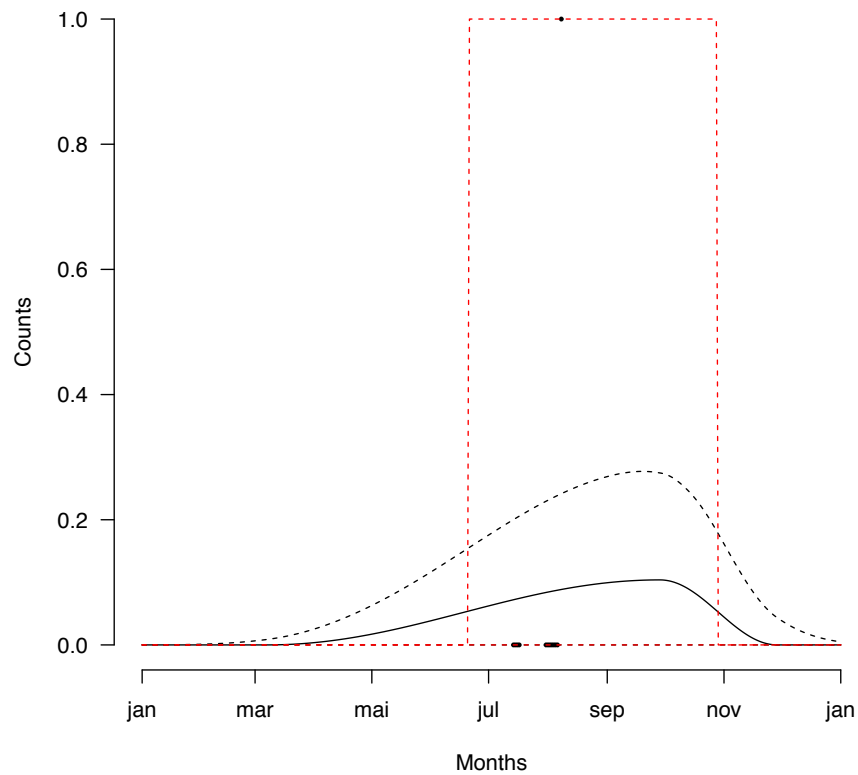
```
##
## Number of timeseries: 1
## -----
## 8#anse crawen@les saintes (tdh)-2012
## -----
## Estimation without the observed data
## Total number of counts: 24.8326 ; SD 17.8935
## Estimation taking into account the observed data
## Total number of counts: 24.6228 ; SD 17.0364
## 95% confidence interval: 1 - 58.6956
```

8#anse crawen@les saintes (tdh)-2013



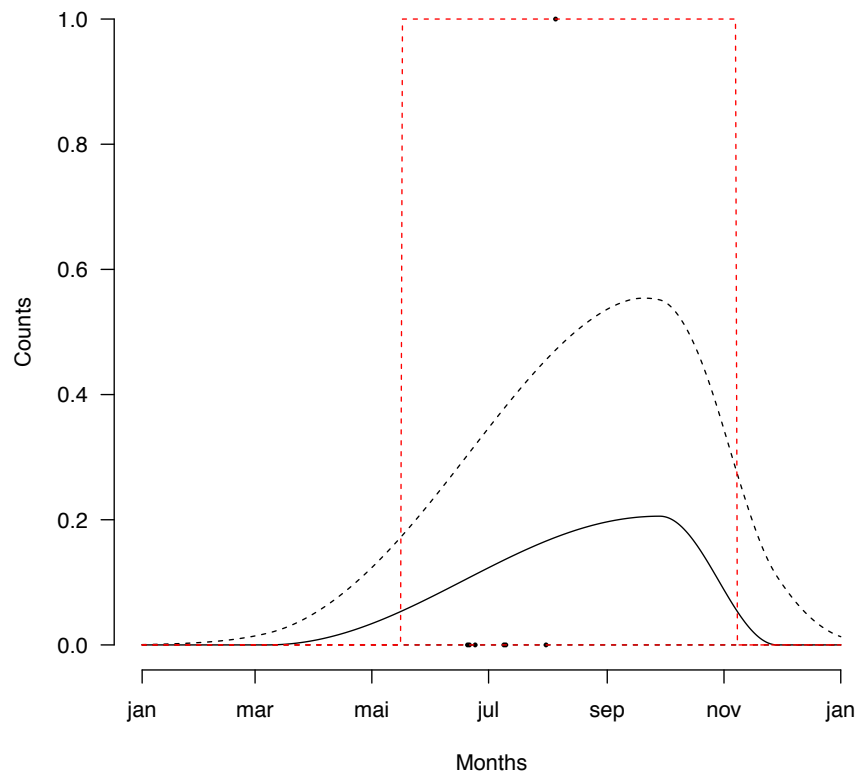
```
##
## Number of timeseries: 1
## -----
## 8#anse crawen@les saintes (tdh)-2013
## -----
## Estimation without the observed data
## Total number of counts: 14.3502 ; SD 10.3768
## Estimation taking into account the observed data
## Total number of counts: 14.1996 ; SD 9.5661
## 95% confidence interval: 1 - 33.3319
```

8#anse figuier@les saintes (tdh)-2010



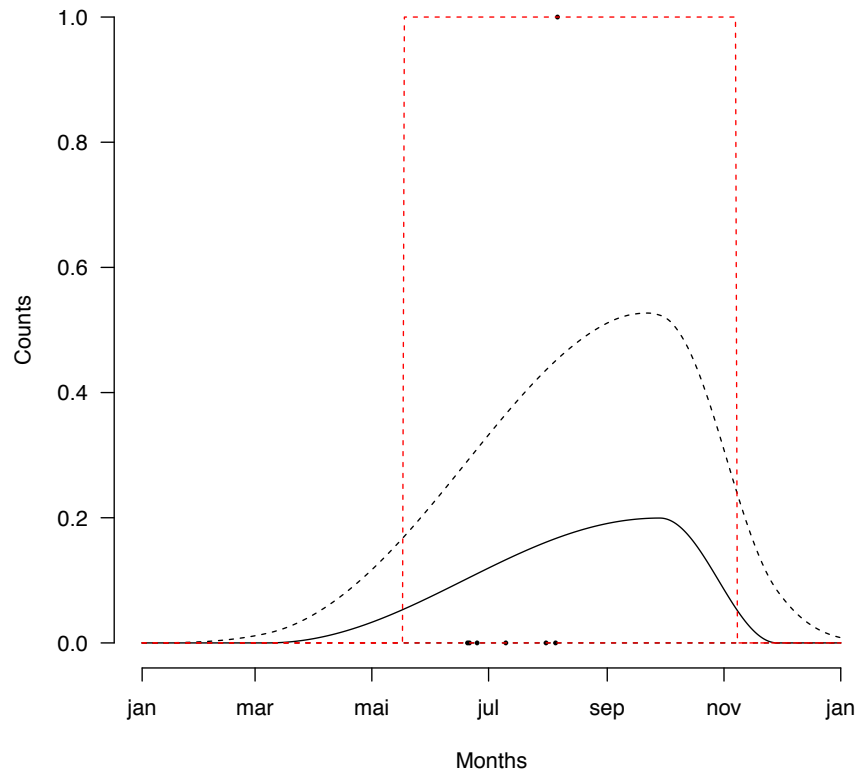
```
##
## Number of timeseries: 1
## -----
## 8#anse figuier@les saintes (tdh)-2010
## -----
## Estimation without the observed data
## Total number of counts: 16.4137 ; SD 12.078
## Estimation taking into account the observed data
## Total number of counts: 16.2646 ; SD 11.2418
## 95% confidence interval: 1 - 38.7482
```

8#anse figuier@les saintes (tdh)-2011



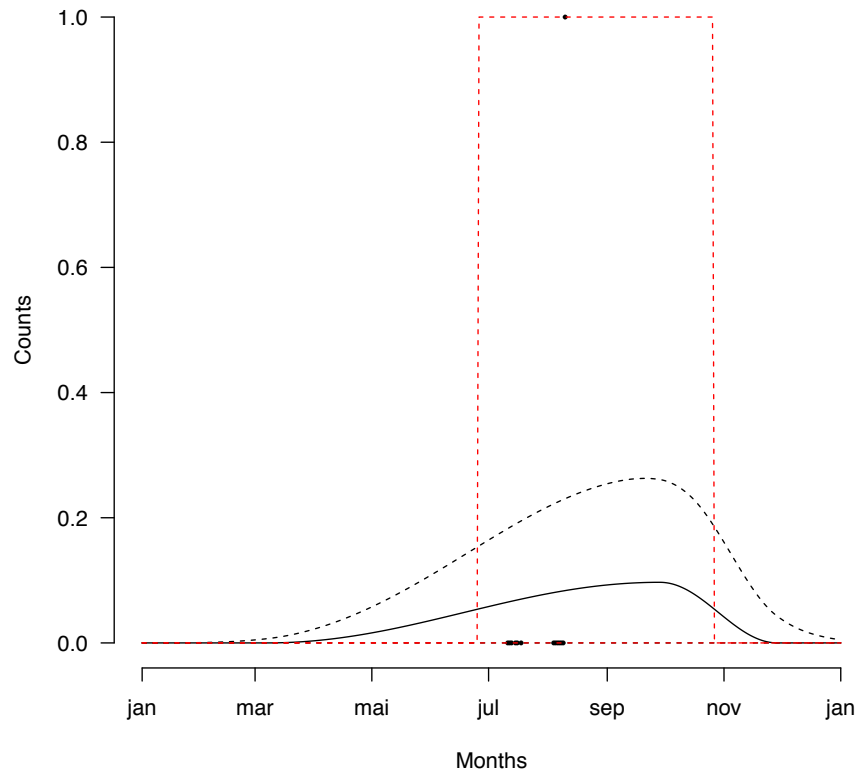
```
##
## Number of timeseries: 1
## -----
## 8#anse figuier@les saintes (tdh)-2011
## -----
## Estimation without the observed data
## Total number of counts: 33.9498 ; SD 24.2553
## Estimation taking into account the observed data
## Total number of counts: 33.8065 ; SD 23.4557
## 95% confidence interval: 1 - 80.718
```

8#anse rodrigue@les saintes (tdh)-2011



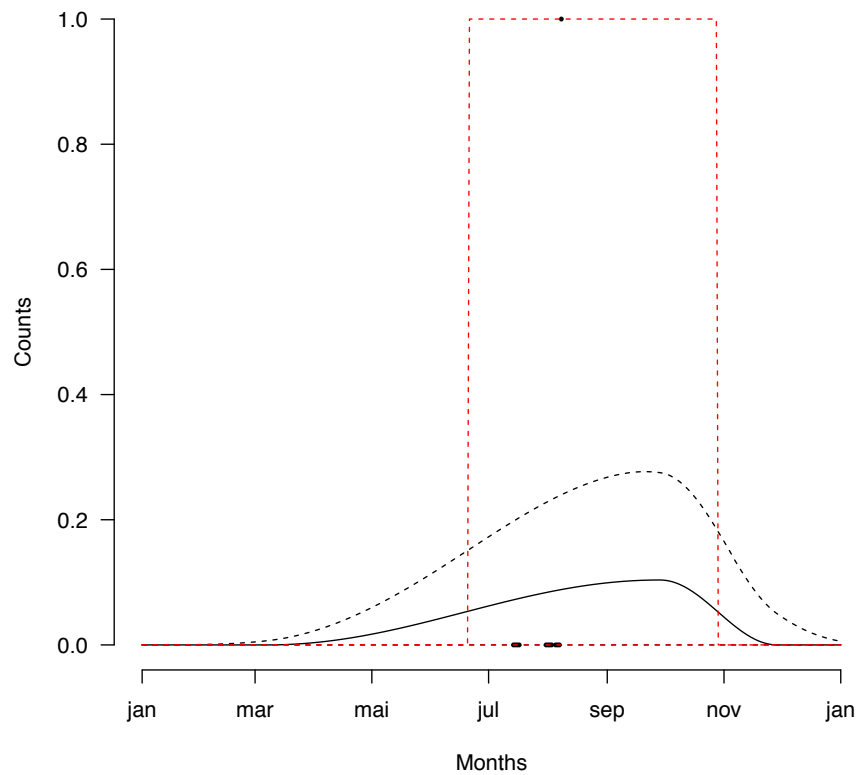
```
##
## Number of timeseries: 1
## -----
## 8#anse rodrigue@les saintes (tdh)-2011
## -----
## Estimation without the observed data
## Total number of counts: 32.6952 ; SD 22.6332
## Estimation taking into account the observed data
## Total number of counts: 32.5352 ; SD 21.8371
## 95% confidence interval: 1 - 76.2093
```

8#anse rodrigue@les saintes (tdh)-2013



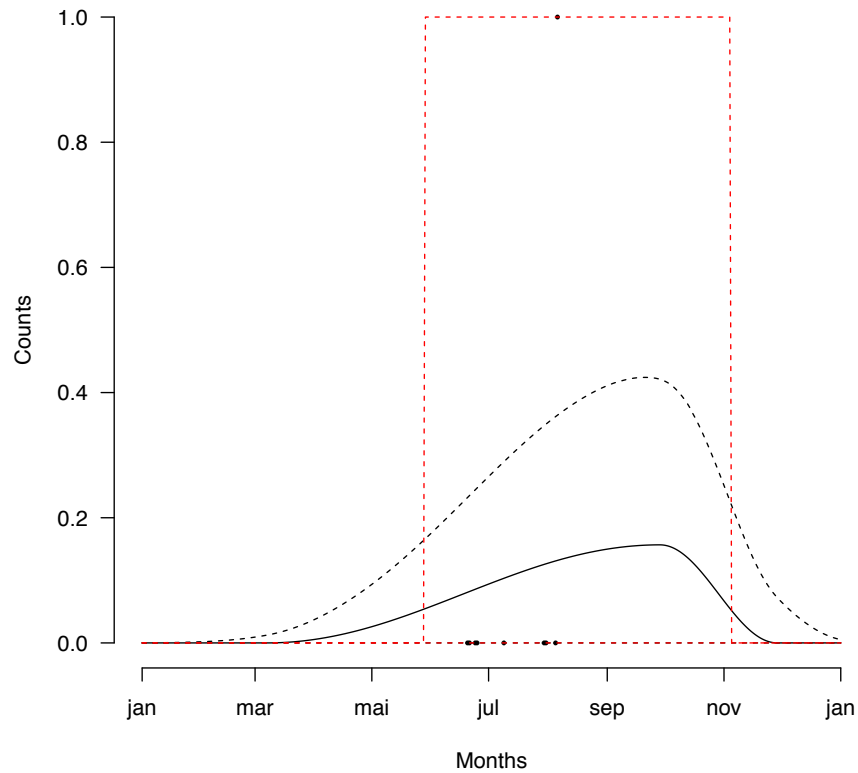
```
##
## Number of timeseries: 1
## -----
## 8#anse rodrigue@les saintes (tdh)-2013
## -----
## Estimation without the observed data
## Total number of counts: 15.7285 ; SD 11.5524
## Estimation taking into account the observed data
## Total number of counts: 15.5474 ; SD 10.7091
## 95% confidence interval: 1 - 36.9656
```

8#baie de pompierre@les saintes (tdh)-2010



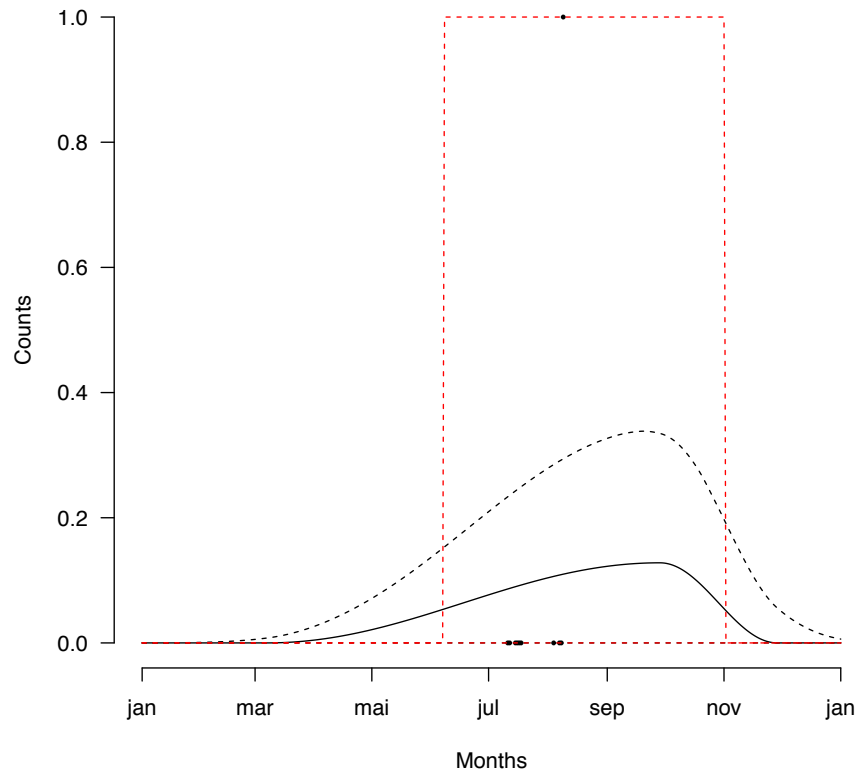
```
##
## Number of timeseries: 1
## -----
## 8#baie de pompierre@les saintes (tdh)-2010
## -----
## Estimation without the observed data
## Total number of counts: 16.1922 ; SD 12.0108
## Estimation taking into account the observed data
## Total number of counts: 16.0575 ; SD 11.188
## 95% confidence interval: 1 - 38.4334
```


8#baie de pompierre@les saintes (tdh)-2011



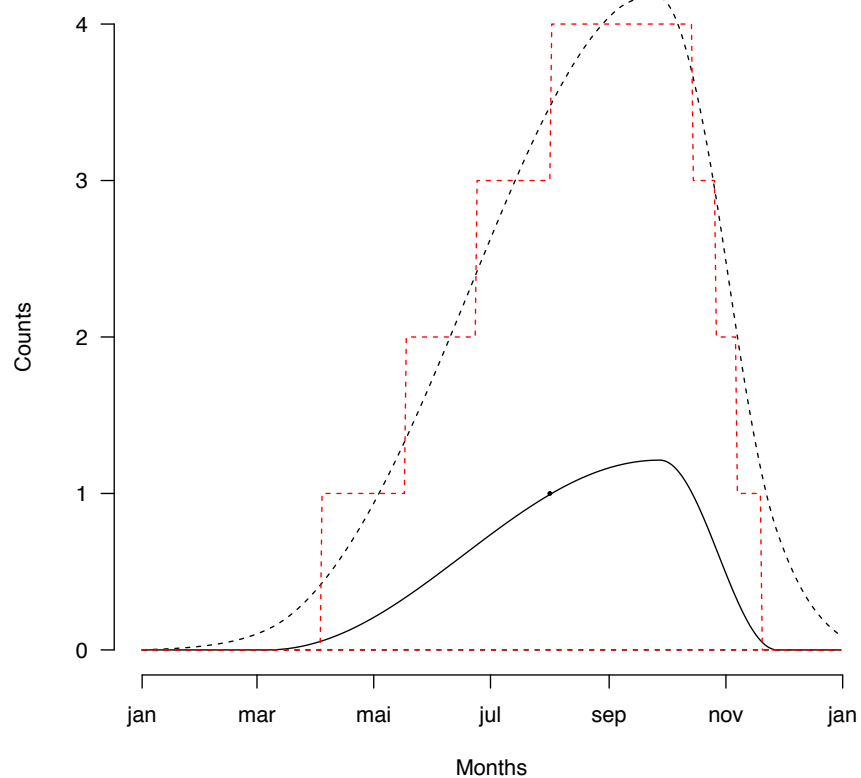
```
##
## Number of timeseries: 1
## -----
## 8#baie de pompierre@les saintes (tdh)-2011
## -----
## Estimation without the observed data
## Total number of counts: 25.4273 ; SD 18.5273
## Estimation taking into account the observed data
## Total number of counts: 25.2747 ; SD 17.7014
## 95% confidence interval: 1 - 60.6775
```

8#baie de pompierre@les saintes (tdh)-2013



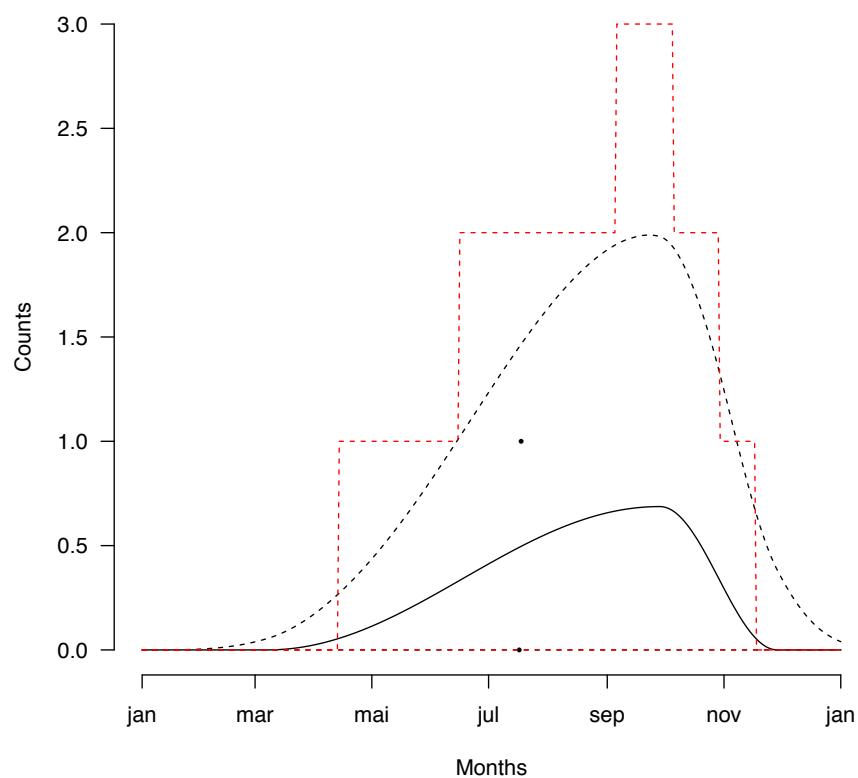
```
##
## Number of timeseries: 1
## -----
## 8#baie de pompierre@les saintes (tdh)-2013
## -----
## Estimation without the observed data
## Total number of counts: 20.1792 ; SD 14.2329
## Estimation taking into account the observed data
## Total number of counts: 20.0445 ; SD 13.4347
## 95% confidence interval: 1 - 46.9138
```

8#baie du marigot@les saintes (tdh)-2012



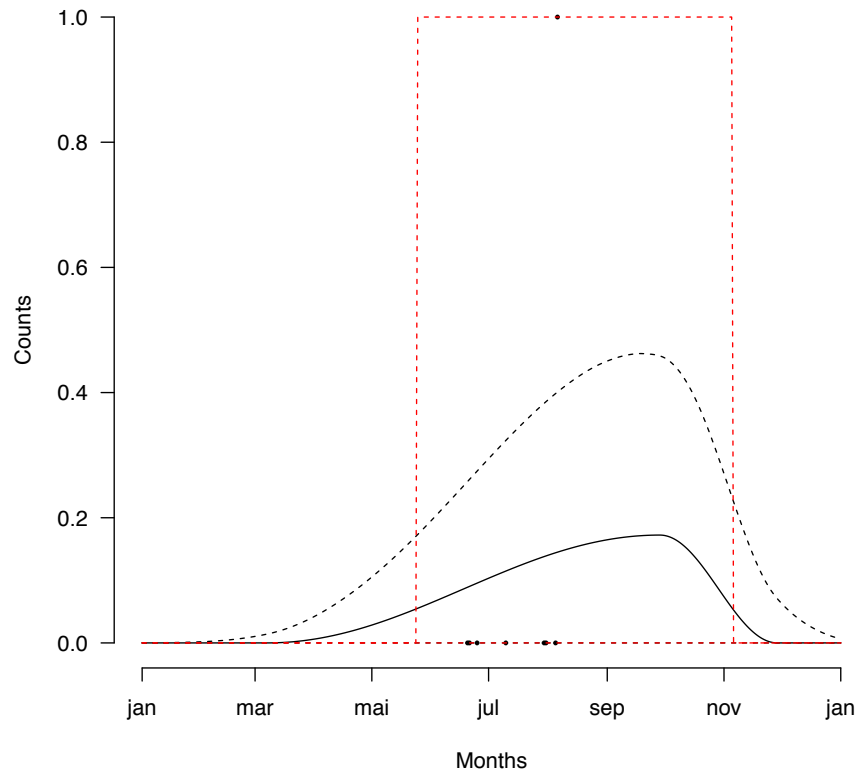
```
##
## Number of timeseries: 1
## -----
## 8#baie du marigot@les saintes (tdh)-2012
## -----
## Estimation without the observed data
## Total number of counts: 266.9211 ; SD 205.6129
## Estimation taking into account the observed data
## Total number of counts: 266.3058 ; SD 204.3959
## 95% confidence interval: 1 - 675.0975
```

8#baie du marigot@les saintes (tdh)-2013



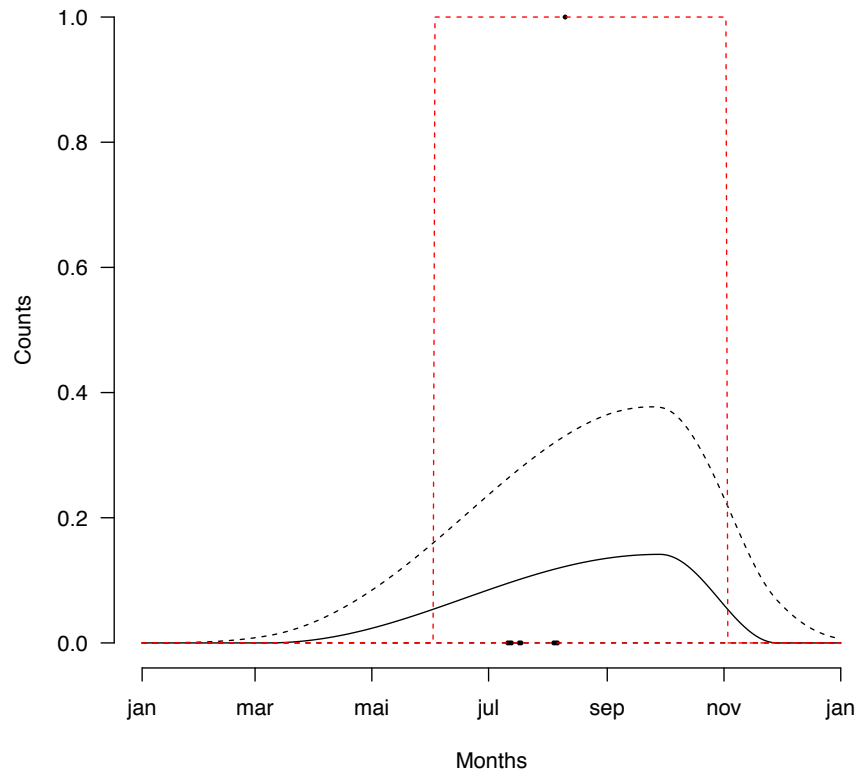
```
##
## Number of timeseries: 1
## -----
## 8#baie du marigot@les saintes (tdh)-2013
## -----
## Estimation without the observed data
## Total number of counts: 128.1591 ; SD 89.5193
## Estimation taking into account the observed data
## Total number of counts: 127.7995 ; SD 88.5881
## 95% confidence interval: 1 - 304.9758
```

8#grande anse@les saintes (tdh)-2011



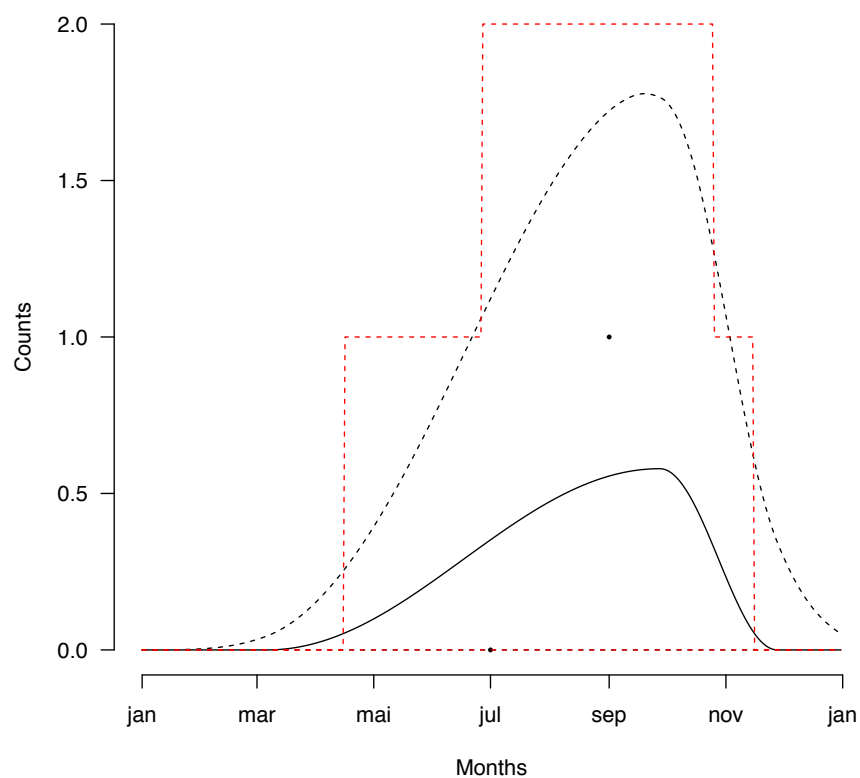
```
##
## Number of timeseries: 1
## -----
## 8#grande anse@les saintes (tdh)-2011
## -----
## Estimation without the observed data
## Total number of counts: 28.6246 ; SD 19.9593
## Estimation taking into account the observed data
## Total number of counts: 28.432 ; SD 19.1276
## 95% confidence interval: 1 - 66.6872
```

8#grande anse@les saintes (tdh)-2013



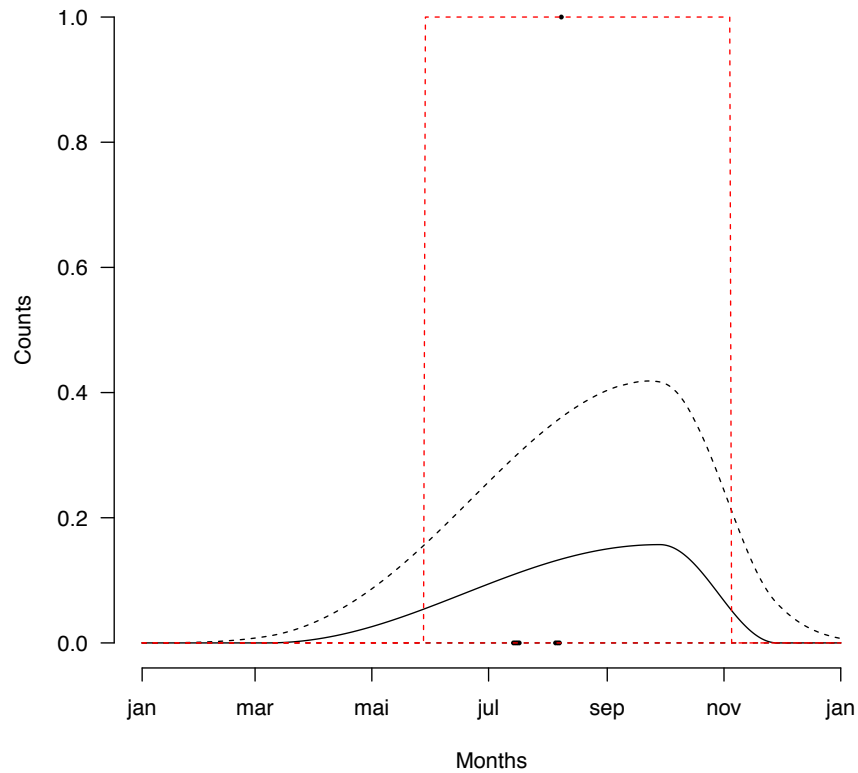
```
##
## Number of timeseries: 1
## -----
## 8#grande anse@les saintes (tdh)-2013
## -----
## Estimation without the observed data
## Total number of counts: 23.7451 ; SD 16.4261
## Estimation taking into account the observed data
## Total number of counts: 23.5452 ; SD 15.6122
## 95% confidence interval: 1 - 54.7695
```

8#ilet cabrit@les saintes (tdh)-2012



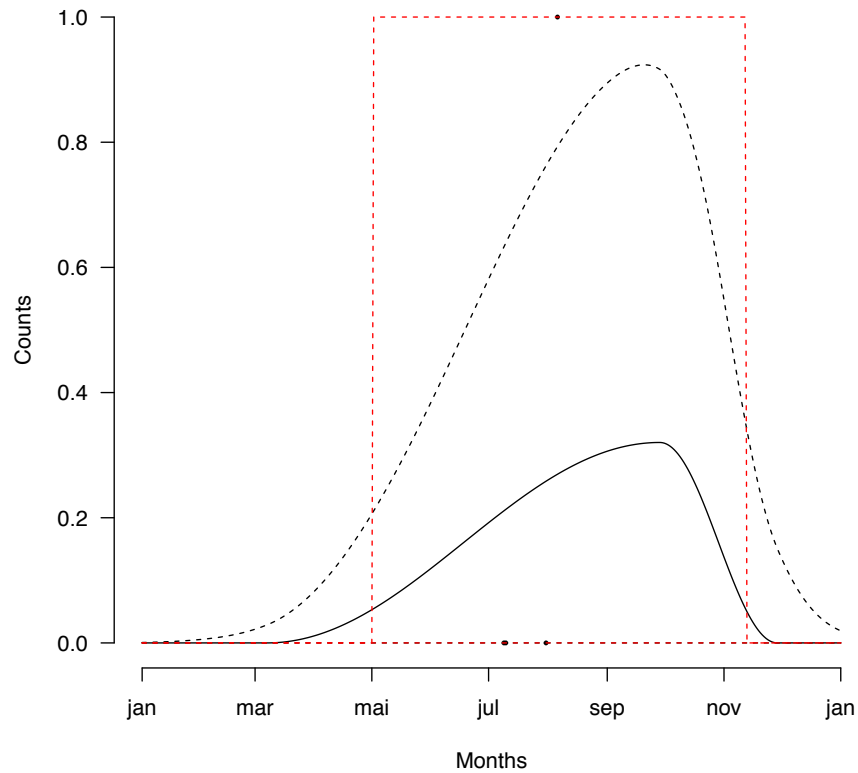
```
##
## Number of timeseries: 1
## -----
## 8#ilet cabrit@les saintes (tdh)-2012
## -----
## Estimation without the observed data
## Total number of counts: 111.9958 ; SD 83.4099
## Estimation taking into account the observed data
## Total number of counts: 111.6996 ; SD 82.4673
## 95% confidence interval: 1 - 276.6342
```

8#pain de sucre@les saintes (tdh)-2010



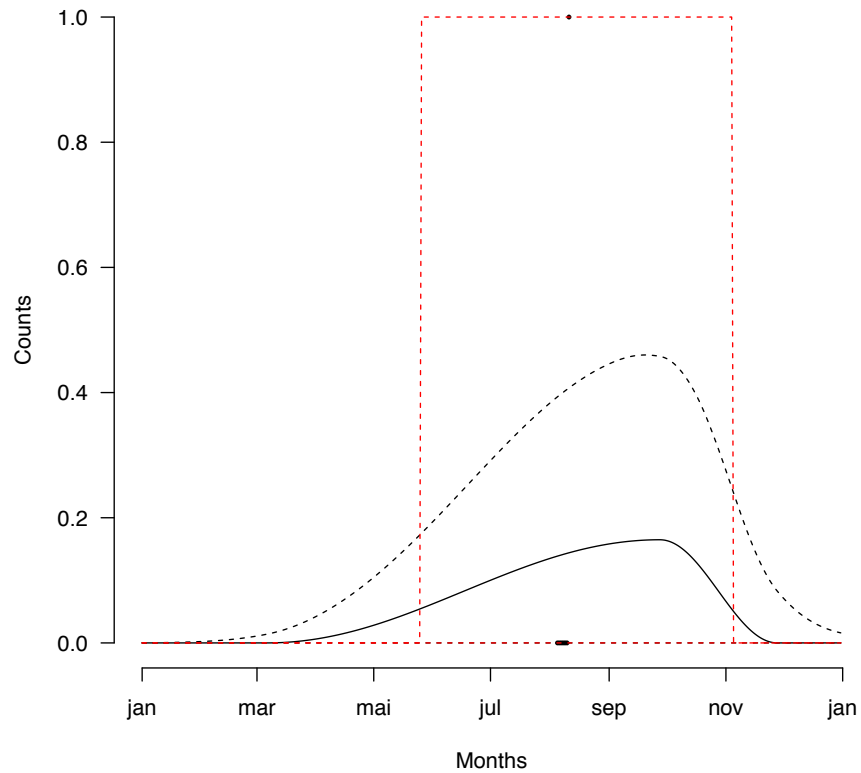
```
##
## Number of timeseries: 1
## -----
## 8#pain de sucre@les saintes (tdh)-2010
## -----
## Estimation without the observed data
## Total number of counts: 24.6784 ; SD 17.7252
## Estimation taking into account the observed data
## Total number of counts: 24.5432 ; SD 16.9181
## 95% confidence interval: 1 - 58.3793
```


8#pain de sucre@les saintes (tdh)-2011



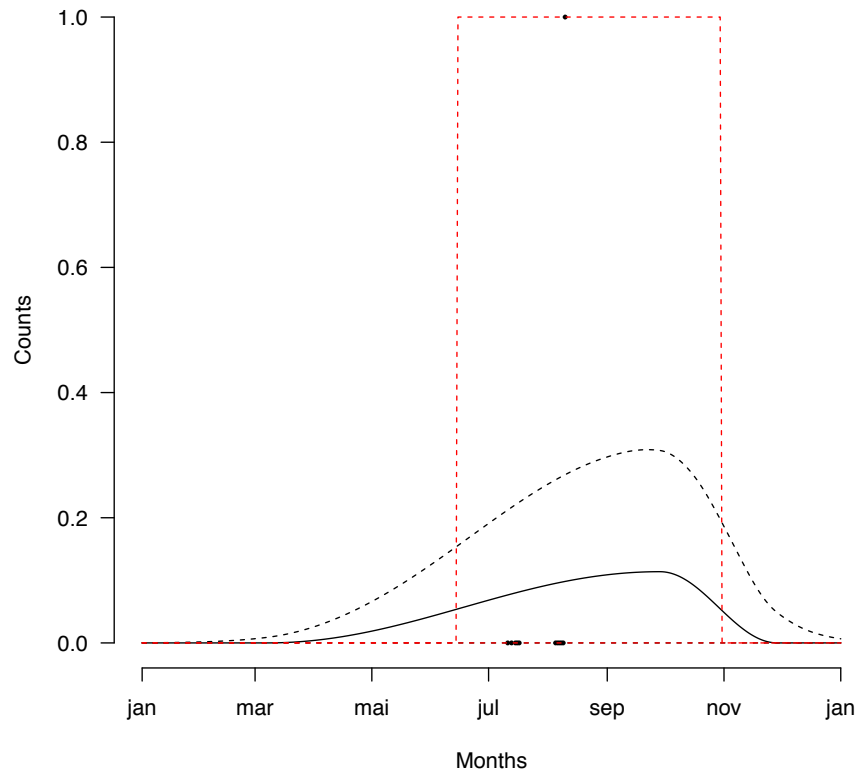
```
##
## Number of timeseries: 1
## -----
## 8#pain de sucre@les saintes (tdh)-2011
## -----
## Estimation without the observed data
## Total number of counts: 55.2706 ; SD 41.9968
## Estimation taking into account the observed data
## Total number of counts: 55.0527 ; SD 41.0828
## 95% confidence interval: 1 - 137.2183
```

8#pain de sucre@les saintes (tdh)-2012



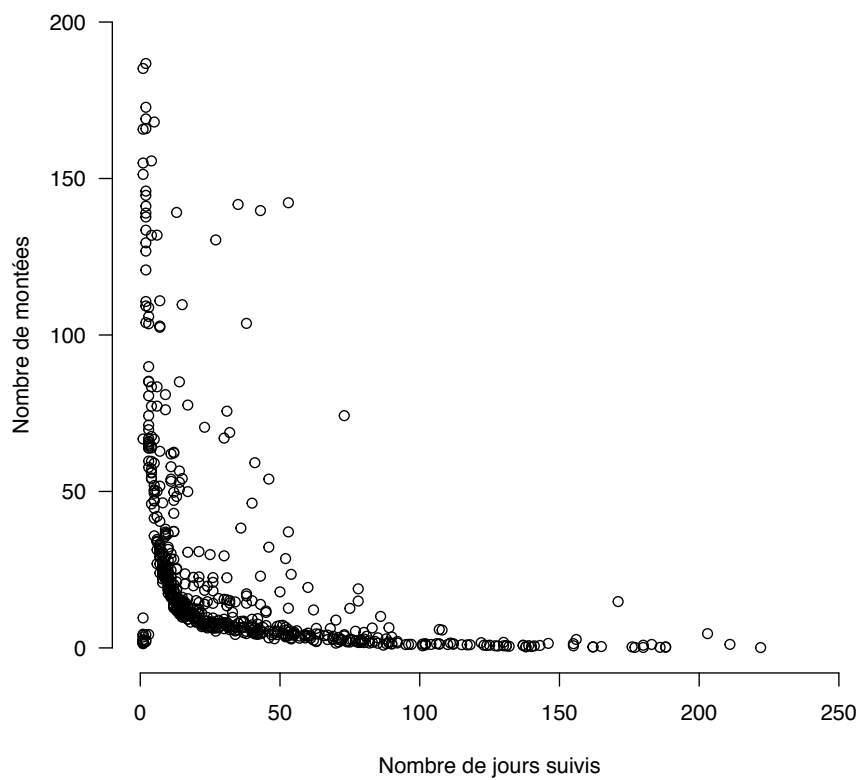
```
##
## Number of timeseries: 1
## -----
## 8#pain de sucre@les saintes (tdh)-2012
## -----
## Estimation without the observed data
## Total number of counts: 28.1027 ; SD 20.7909
## Estimation taking into account the observed data
## Total number of counts: 27.8615 ; SD 19.9009
## 95% confidence interval: 1 - 67.6632
```

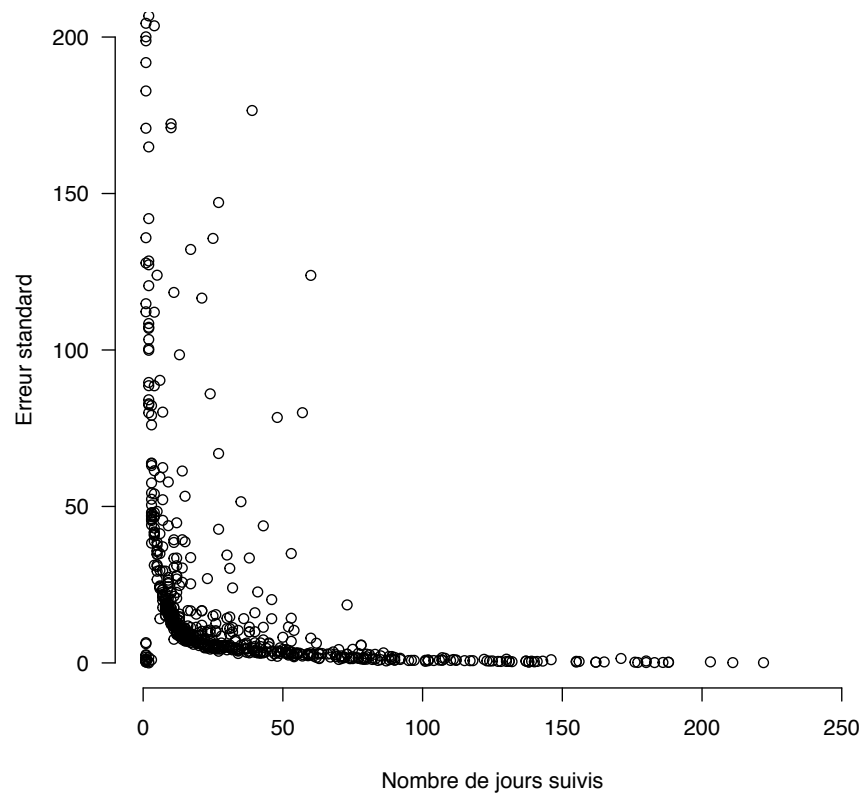
8#pain de sucre@les saintes (tdh)-2013

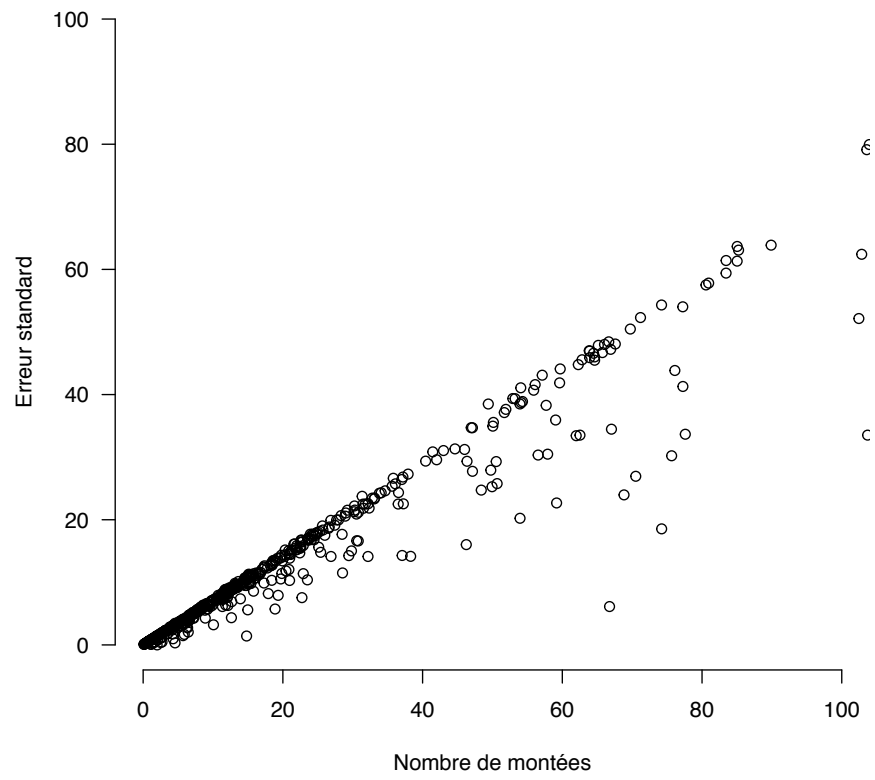


```
##
## Number of timeseries: 1
## -----
## 8#pain de sucre@les saintes (tdh)-2013
## -----
## Estimation without the observed data
## Total number of counts: 18.5387 ; SD 13.4717
## Estimation taking into account the observed data
## Total number of counts: 18.3702 ; SD 12.6366
## 95% confidence interval: 1 - 43.6434
```

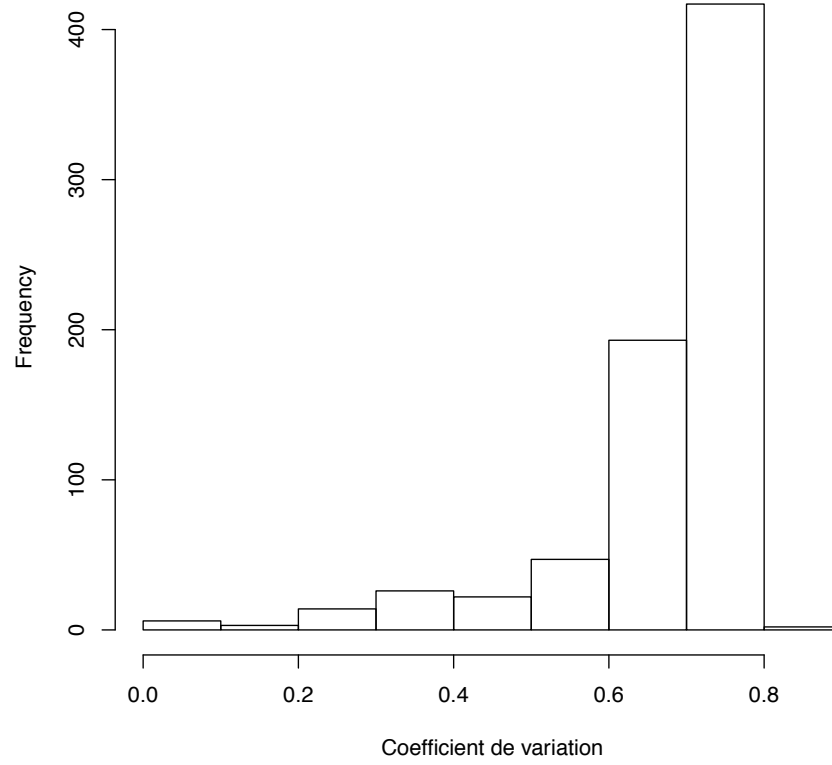
6 Structure des données plage par plage







Distribution du coefficient de variation



7 Nombre de montées et intervalle de confiance à 95% pour chacune des plages

7.1 Secteur 1

	anse colas@anse bertrand	anse de nogent@sainte rose
2000		
2001		
2002		
2003		
2004		
2005		
2006		151.3237 CI95%[2.00;375.7394]
2007		15.09393 CI95%[1.00;35.04539]
2008		19.84621 CI95%[2.00;42.66867]
2009		85.02527 CI95%[0.00;207.6708]
2010		13.42037 CI95%[0.00;31.83885]
2011		3.716403 CI95%[0.00;8.999305]
2012		12.67501 CI95%[2.00;26.49536]
2013		3.804492 CI95%[0.00;9.160713]
2014	139.1559 CI95%[0.00;336.0886]	10.06562 CI95%[4.00;16.49458]

	anse du souffleur@port louis	anse laborde@anse bertrand
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008	0.3187774 CI95%[0.00;0.7911525]	62.288 CI95%[0.00;151.845]
2009	8.481231 CI95%[0.00;20.30103]	3.876149 CI95%[0.00;9.272029]
2010	2.568683 CI95%[0.00;6.11843]	3.836694 CI95%[0.00;9.171037]
2011	2.435023 CI95%[0.00;6.00528]	2.691946 CI95%[0.00;6.340675]
2012	6.904311 CI95%[0.00;16.5611]	7.153893 CI95%[0.00;17.50373]
2013	2538.029 CI95%[0.00;6369.367]	8.055428 CI95%[0.00;19.16019]
2014	54.12324 CI95%[0.00;131.54]	2.947102 CI95%[0.00;7.086217]

anse lavolvaine@port louis		anse vinty@sainte rose	
2000			
2001			
2002			
2003			
2004			
2005			
2006			
2007			
2008	6.62337 CI95%[1.00;14.6756]		
2009	46.25621 CI95%[14.20105;78.31137]		
2010	3.354595 CI95%[0.00;7.885242]		
2011	7.853734 CI95%[0.00;19.20028]	3.840214 CI95%[0.00;9.391444]	
2012	222.0651 CI95%[0.00;563.7852]	4.369449 CI95%[0.00;10.39106]	
2013	4.404655 CI95%[0.00;10.24135]	7.369239 CI95%[0.00;17.9114]	
2014	14.58786 CI95%[1.00;33.5801]	6.596794 CI95%[0.00;15.89874]	

ilet fajou@morne a l'eau		ilet macou@morne a l'eau	
2000	6.736056 CI95%[0.00;15.97312]		
2001			
2002			
2003			
2004			
2005			
2006	13.06323 CI95%[0.00;31.85291]		
2007			
2008	8.19683 CI95%[0.00;19.66777]		
2009	9.08431 CI95%[0.00;22.30977]		
2010	13.03298 CI95%[0.00;31.58395]		
2011	13.05213 CI95%[0.00;31.53812]		
2012	6.675509 CI95%[0.00;15.74549]		
2013	2.860204 CI95%[0.00;6.803243]		
2014	6.796935 CI95%[0.00;16.31698]		

la chapelle@anse bertrand		les amandiers@sainte rose	
2000			
2001			
2002			
2003			
2004			
2005			
2006			
2007			
2008	4.569389 CI95%[0.00;10.98817]	6.395261 CI95%[0.00;15.44099]	
2009	6.247147 CI95%[2.00;11.86107]	9.736511 CI95%[0.00;23.75447]	
2010	5.704739 CI95%[0.00;13.40066]	12.58339 CI95%[0.00;30.15888]	
2011	4.319392 CI95%[0.00;10.67809]	12.41053 CI95%[0.00;30.06715]	
2012	6.358643 CI95%[1.00;13.8821]	14.70839 CI95%[0.00;35.50133]	
2013	5.426043 CI95%[1.00;11.7125]	15.54164 CI95%[0.00;37.44485]	
2014	10.74201 CI95%[0.00;26.59374]	67.03491 CI95%[4.00;135.9737]	

	manbia@sainte rose	pointe allegre@sainte rose
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		9.579289 CI95%[1.00;22.53013]
2008	11.42775 CI95%[1.00;25.96349]	62.83002 CI95%[0.00;153.9501]
2009	14.31445 CI95%[0.00;34.05109]	105.9067 CI95%[0.00;258.0275]
2010	15.37895 CI95%[0.00;37.2848]	11.11386 CI95%[0.00;26.51083]
2011	284.1409 CI95%[0.00;697.665]	168.0562 CI95%[0.00;415.8639]
2012	5.488022 CI95%[1.00;11.67938]	7.13748 CI95%[1.00;15.74699]
2013	1359.923 CI95%[0.00;3458.537]	37.18376 CI95%[0.00;90.83026]
2014	23.93574 CI95%[0.00;59.32544]	6.368098 CI95%[2.00;11.85805]

	pointe d'antigue;cimetiere@port louis	pointe de la fontaine;pointe plate@anse bertrand
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008	289.2846 CI95%[0.00;696.4731]	
2009	9.868284 CI95%[1.00;22.44088]	
2010	8.194343 CI95%[0.00;19.83572]	
2011	6.479408 CI95%[0.00;15.42002]	51.69863 CI95%[0.00;125.9405]
2012	4.889844 CI95%[0.00;11.70974]	
2013	7.558845 CI95%[0.00;18.47975]	2.549696 CI95%[1.00;4.858878]
2014	17.37643 CI95%[0.00;42.01677]	

	pointe plate@anse bertrand	port louis sud@port louis
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		15.12177 CI95%[0.00;37.72762]
2009		38.2907 CI95%[9.990821;66.59059]
2010		18.44945 CI95%[1.00;44.08312]
2011		18.23752 CI95%[0.00;43.47917]
2012		22.70021 CI95%[0.00;56.14624]
2013		7.598281 CI95%[0.00;17.85572]
2014	1047.02 CI95%[0.00;2602.584]	15.13256 CI95%[1.00;34.60616]

trou madame louis@anse bertrand		
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010		
2011	7.743668	CI95%[0.00;18.26488]
2012	4.491928	CI95%[0.00;10.76291]
2013	6.528138	CI95%[0.00;15.95836]
2014	7.60883	CI95%[0.00;18.09076]

7.2 Secteur 2

	anse a la barque@bouillante	anse botrel@pointe noire
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010		
2011	266.0244 CI95%[0.00;666.165]	543.0985 CI95%[0.00;1340.018]
2012		
2013		
2014	327.334 CI95%[0.00;804.7469]	

	anse caraibe@pointe noire	anse de baillargent@pointe noire
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008	36.55154 CI95%[0.00;85.24245]	
2009	21.5912 CI95%[0.00;53.82912]	
2010	13.38086 CI95%[0.00;31.94863]	
2011	9.146758 CI95%[0.00;21.81656]	
2012	6.140747 CI95%[0.00;14.49337]	
2013	4.295916 CI95%[0.00;10.31329]	
2014	8.663362 CI95%[0.00;20.75735]	

anse de la grande plaine@pointe noire		anse de la perle@deshais	
2000			
2001			
2002			
2003			
2004		226.8337	CI95%[0.00;556.6086]
2005		1942.23	CI95%[0.00;4795.682]
2006			
2007			
2008		8.601591	CI95%[0.00;21.01707]
2009		9.569987	CI95%[1.00;21.74215]
2010		8.182529	CI95%[0.00;19.79998]
2011	522.3069	6.765666	CI95%[0.00;16.48308]
2012	7.25528	8.333835	CI95%[0.00;19.91805]
2013	22.00785	7.006826	CI95%[0.00;16.69652]
2014	10.52003	9.185258	CI95%[1.00;20.53425]
anse des iles@sainte rose		anse du val de l'orge@vieux habitants	
2000			
2001			
2002			
2003			
2004			
2005			
2006			
2007			
2008			
2009	7.643887		
2010	6.50315	380285.54	CI95%[0.00;921783.71]
2011	6.973206	567.4579	CI95%[0.00;1432.949]
2012	8.685493		
2013	6.615709		
2014	5.248281		
anse dupuy@vieux fort		anse machette@bouillante	
2000			
2001			
2002			
2003			
2004			
2005		11.13101	CI95%[0.00;27.12033]
2006		433.2429	CI95%[0.00;1101.88]
2007		2.197026	CI95%[0.00;5.285835]
2008		6.454567	CI95%[3.00;10.56364]
2009		1.879926	CI95%[0.00;4.635356]
2010		1.071442	CI95%[0.00;2.601565]
2011		1.170582	CI95%[0.00;2.803954]
2012		2.056667	CI95%[0.00;5.010983]
2013	272.1642	3.189763	CI95%[0.00;7.822155]
2014		2.173914	CI95%[0.00;5.251627]

	anse marigot@pointe noire	anse poulain@vieux habitants
2000		
2001		
2002		
2003		
2004		
2005		
2006	300.2205 CI95%[0.00;748.4901]	367.4603 CI95%[0.00;899.4858]
2007		
2008	35.63713 CI95%[0.00;86.33834]	
2009		
2010	584.4691 CI95%[0.00;1442.759]	
2011	514.7164 CI95%[0.00;1300.456]	71.19291 CI95%[0.00;175.803]
2012		
2013	10.02568 CI95%[0.00;24.31386]	
2014	54.2989 CI95%[0.00;132.0752]	
	anse sable@bouillante	anse thomas@bouillante
2000		
2001		
2002		
2003		
2004		
2005		
2006	839.3559 CI95%[0.00;2054.807]	
2007	2.930637 CI95%[0.00;7.135719]	
2008	1.385136 CI95%[0.00;3.397092]	
2009	1.923341 CI95%[0.00;4.6242]	
2010	1.306435 CI95%[0.00;3.163048]	
2011	0.7353947 CI95%[0.00;1.800403]	
2012	1.799962 CI95%[0.00;4.306155]	392.9839 CI95%[0.00;964.1637]
2013	0.7228021 CI95%[0.00;1.841712]	
2014	1.088668 CI95%[0.00;2.68258]	
	anse tillet@dessaies	bois flotte@bouillante
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007	131.9063 CI95%[0.00;312.4996]	
2008	7.795421 CI95%[0.00;19.17611]	
2009	5.338043 CI95%[0.00;12.94154]	
2010	6.867491 CI95%[0.00;16.32666]	56.11097 CI95%[0.00;139.2911]
2011	5.322969 CI95%[0.00;12.72783]	450.2427 CI95%[0.00;1118.004]
2012	29.43131 CI95%[4.00;57.96626]	
2013	7.075284 CI95%[0.00;16.84257]	131.8418 CI95%[3.00;308.9489]
2014	7.868368 CI95%[0.00;18.637]	

cluny@sainte rose		fort royal@deshaies	
2000			
2001			
2002			
2003			
2004	37.02232 CI95%[0.00;89.87725]		
2005	22.46982 CI95%[0.00;53.32803]		
2006	137.7072 CI95%[0.00;338.5212]		
2007	16.57869 CI95%[0.00;39.50072]		
2008	7.614265 CI95%[0.00;18.57558]	30.57206 CI95%[3.00;63.86585]	
2009	3.73758 CI95%[0.00;8.980735]	8.209977 CI95%[0.00;20.26509]	
2010	12.13033 CI95%[2.00;24.73222]	30.78933 CI95%[3.00;64.0039]	
2011	3.237435 CI95%[0.00;7.766718]	8.854898 CI95%[1.00;19.93943]	
2012	4.220665 CI95%[0.00;9.807841]	7.679004 CI95%[0.00;18.39018]	
2013	5.332917 CI95%[1.00;11.40201]	15.79936 CI95%[2.00;32.9637]	
2014	8.892353 CI95%[2.00;17.45629]	29.82045 CI95%[3.00;59.86868]	

galets rouges@bouillante		grande anse@deshaies	
2000			
2001			
2002			
2003			
2004			
2005		22.42108 CI95%[0.00;51.8202]	
2006	843.2542 CI95%[0.00;2144.047]		
2007	3.214555 CI95%[0.00;7.877618]	777.1723 CI95%[0.00;1931.459]	
2008	2.650254 CI95%[1.00;4.974532]	11.84264 CI95%[1.00;27.60952]	
2009	1.775103 CI95%[0.00;4.202924]	3.905871 CI95%[0.00;9.574739]	
2010	1.142587 CI95%[0.00;2.782698]	28.54028 CI95%[5.53811;51.54245]	
2011	0.8697325 CI95%[0.00;2.176959]	13.92078 CI95%[2.00;28.65622]	
2012	1.574589 CI95%[0.00;3.767652]	5.633726 CI95%[0.00;13.47995]	
2013	1.867142 CI95%[0.00;4.641798]	19.326 CI95%[4.00;35.16648]	
2014	1.572442 CI95%[0.00;3.828185]	18.8859 CI95%[7.416374;30.35542]	

ilet kahouanne@deshaies		l'etang;pointe des habitants@vieux habitants	
2000			
2001			
2002			
2003			
2004			
2005			
2006			
2007	120.7713 CI95%[0.00;300.0091]		
2008	952.5118 CI95%[4.00;2293.842]	546.8435 CI95%[0.00;1349.881]	
2009		35.8056 CI95%[0.00;89.06065]	
2010	102.449 CI95%[13.00;206.749]	22.5359 CI95%[0.00;53.91969]	
2011	57.69122 CI95%[4.00;134.253]	575.4752 CI95%[0.00;1427.105]	
2012		37.92579 CI95%[0.00;92.51231]	
2013	50.5396 CI95%[7.00;109.1262]	28.92628 CI95%[0.00;70.07922]	
2014	59.04195 CI95%[7.00;130.9093]	22.92029 CI95%[0.00;54.68511]	

	leroux@deshaises	les plaines@pointe noire
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010		8.587354 CI95%[0.00;20.93844]
2011	7.891137 CI95%[0.00;18.93287]	
2012		
2013	8.266119 CI95%[0.00;19.91202]	
2014	8.208762 CI95%[0.00;19.2862]	

	malendure@bouillante	marigot@vieux habitants
2000		
2001		
2002		
2003		
2004		
2005	6.388993 CI95%[0.00;15.2027]	
2006	459.8873 CI95%[0.00;1188.074]	
2007	2.016438 CI95%[0.00;4.798237]	
2008	1.26416 CI95%[0.00;3.020948]	31.48001 CI95%[0.00;76.47615]
2009	1.730032 CI95%[0.00;4.259881]	
2010	0.942578 CI95%[0.00;2.324937]	144.6174 CI95%[0.00;361.5225]
2011	0.6857584 CI95%[0.00;1.644676]	133.5022 CI95%[0.00;333.3093]
2012	1.539705 CI95%[0.00;3.732274]	12.3405 CI95%[0.00;30.03483]
2013	0.7795781 CI95%[0.00;1.938016]	5.345174 CI95%[0.00;12.80631]
2014	1.524184 CI95%[0.00;3.72118]	9.137969 CI95%[0.00;21.81888]

	petite anse@bouillante	petite anse@deshaises
2000		
2001		
2002		
2003		
2004		
2005		
2006		305.713 CI95%[0.00;762.501]
2007		
2008	51.91889 CI95%[0.00;127.1915]	36.10349 CI95%[0.00;87.57385]
2009	25.66365 CI95%[0.00;63.69237]	47.13179 CI95%[0.00;116.5353]
2010	74.20431 CI95%[0.00;182.831]	59.70064 CI95%[0.00;147.8909]
2011	65.74339 CI95%[0.00;159.1578]	528.5355 CI95%[0.00;1318.567]
2012		66.64869 CI95%[0.00;163.5031]
2013	9.19483 CI95%[0.00;22.36277]	9.868166 CI95%[0.00;23.5688]
2014	18.46708 CI95%[0.00;43.96554]	77.24106 CI95%[0.00;185.2871]

	petite sucrerie@vieux habitants	plage des pecheurs@gourbeyre
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010	573.4325 CI95%[0.00;1415.365]	
2011		2.495288 CI95%[1.00;4.741814]
2012		
2013	255.3763 CI95%[0.00;639.0485]	
2014	67.58577 CI95%[0.00;163.7414]	
	plage naturiste@sainte rose	rifflet@deshaies
2000		
2001		
2002		
2003		
2004		
2005		2015.796 CI95%[0.00;5028.561]
2006		
2007		
2008		9.477711 CI95%[0.00;22.13544]
2009		8.679254 CI95%[0.00;20.72542]
2010		7.911989 CI95%[0.00;18.80657]
2011		7.075307 CI95%[0.00;17.40532]
2012		20.86462 CI95%[2.00;44.96069]
2013	296.1225 CI95%[0.00;739.3817]	6.966896 CI95%[0.00;16.56296]
2014		8.143681 CI95%[0.00;19.61908]
	riviere sens@gourbeyre	rocroy@vieux habitants
2000		
2001		
2002		
2003		
2004		
2005		
2006		1484.419 CI95%[0.00;3650.246]
2007		
2008	3.844111 CI95%[0.00;9.585157]	
2009	4.55293 CI95%[0.00;11.05314]	22.60255 CI95%[0.00;56.12725]
2010	4.206994 CI95%[0.00;9.787695]	145.9869 CI95%[0.00;352.6968]
2011	5.075058 CI95%[1.00;10.75949]	14.52353 CI95%[0.00;35.68728]
2012	2.223337 CI95%[0.00;5.220795]	11.95668 CI95%[0.00;28.63534]
2013	0.1471029 CI95%[0.00;0.3882036]	69.73673 CI95%[0.00;170.6734]
2014	11.0556 CI95%[0.00;25.88449]	138.9404 CI95%[0.00;352.7754]

simaho@vieux habitants		
2000		
2001		
2002		
2003		
2004		
2005		
2006	345.2416	CI95%[0.00;843.8249]
2007		
2008	32.20627	CI95%[0.00;77.31135]
2009	22.5542	CI95%[0.00;55.31188]
2010	19.23912	CI95%[0.00;46.91116]
2011	8.233291	CI95%[0.00;20.13589]
2012	13.91956	CI95%[0.00;33.17856]
2013	6.871509	CI95%[0.00;16.35762]
2014	6919.444	CI95%[0.00;17445.50]

7.3 Secteur 3

	anse du grand marigot (cayenne)@capesterre belle eau	anse saint sauveur@capesterre belle eau
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		14.52587 CI95%[0.00;34.76719]
2009	4.964373 CI95%[0.00;11.76815]	
2010	5.376424 CI95%[0.00;12.92329]	
2011	66.76 CI95%[54.49903;79.02097]	
2012		
2013	11.33846 CI95%[2.00;23.59495]	
2014	8.561525 CI95%[0.00;21.24605]	

	anse salee (bananier)@capesterre belle eau	esclaves (anse de la fontaine)@capesterre belle eau
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008	8.272971 CI95%[0.00;19.99756]	20.96111 CI95%[3.00;41.55256]
2009	4.675087 CI95%[0.00;11.2513]	4.239931 CI95%[0.00;10.3184]
2010	4.26693 CI95%[0.00;10.27214]	5.838825 CI95%[1.00;12.86769]
2011	3.836897 CI95%[0.00;9.272441]	5.716659 CI95%[1.00;12.25414]
2012	2.467431 CI95%[0.00;5.985797]	5.240948 CI95%[0.00;12.41562]
2013	5.026013 CI95%[0.00;12.07738]	37.07322 CI95%[8.490842;65.6556]
2014	9.365791 CI95%[0.00;22.16689]	9.160977 CI95%[0.00;22.04454]

grande anse@trois rivières		la coulisse@trois rivières	
2000			
2001			
2002			
2003			
2004			
2005	14.27863	CI95%	[0.00;34.15752]
2006	59.18275	CI95%	[13.82364;104.5419]
2007	83.44537	CI95%	[0.00;206.2821]
2008	5.001087	CI95%	[0.00;12.09874]
2009	5.07571	CI95%	[0.00;12.36887]
2010	32.18732	CI95%	[5.00;60.44869]
2011	2.902233	CI95%	[0.00;7.036704]
2012	2.05184	CI95%	[0.00;5.026793]
2013	3.489119	CI95%	[1.00;7.005553]
2014	14.97423	CI95%	[4.00;26.17955]
la madeleine (doyon)@capesterre belle eau		roseau@capesterre belle eau	
2000			
2001			
2002			
2003			
2004			
2005			
2006			
2007			
2008		9.200618	CI95%[0.00;22.27842]
2009			
2010	4.561554	CI95%	[0.00;11.4678]
2011	4.369872	CI95%	[0.00;10.41701]
2012	3.537665	CI95%	[0.00;8.543469]
2013	5.893932	CI95%	[0.00;14.25553]
2014	9.771698	CI95%	[0.00;23.45741]
sainte claire@goyave			
2000			
2001			
2002			
2003			
2004			
2005			
2006			
2007			
2008	4.202501	CI95%	[0.00;10.04633]
2009	4.464763	CI95%	[0.00;10.82041]
2010	4.032529	CI95%	[0.00;9.754968]
2011	4.302167	CI95%	[0.00;10.34096]
2012	3.106775	CI95%	[0.00;7.500017]
2013	4.593551	CI95%	[0.00;11.12554]
2014	11.36643	CI95%	[1.00;26.09592]

7.4 Secteur 4

	anse a jacques@le gosier	anse a la barque@saint francois
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010		
2011	186.7492 CI95%[0.00;470.7142]	
2012	2153.283 CI95%[0.00;5468.535]	7.579414 CI95%[0.00;18.27551]
2013	6.804152 CI95%[0.00;16.41162]	46.96069 CI95%[0.00;116.3742]
2014	3.172071 CI95%[0.00;7.7613]	12.18512 CI95%[0.00;28.5017]

	anse a saint@sainte anne	anse champagne@saint francois
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008	53.23657 CI95%[0.00;131.9387]	
2009		
2010		
2011	15.29345 CI95%[0.00;37.51636]	
2012	1.339995 CI95%[0.00;3.182985]	
2013	1.488046 CI95%[0.00;3.58225]	
2014	3.854228 CI95%[0.00;9.348966]	11.71266 CI95%[0.00;29.37633]

	anse cholera@le gosier	anse du belley@sainte anne
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009	410.527 CI95%[0.00;1007.941]	
2010		
2011		
2012		3.881493 CI95%[0.00;9.375376]
2013		23.67799 CI95%[0.00;57.14644]
2014		
	anse kahouanne@saint francois	anse loquet@saint francois
2000		
2001		
2002		
2003		
2004		
2005		
2006	25.01612 CI95%[0.00;61.03112]	24.16025 CI95%[0.00;58.76247]
2007	85.0341 CI95%[0.00;212.3664]	41.44966 CI95%[0.00;103.1364]
2008		
2009		
2010	24.09441 CI95%[0.00;57.75543]	
2011	0.6884356 CI95%[0.00;1.698161]	
2012	109.2733 CI95%[0.00;274.8945]	
2013	5.398427 CI95%[0.00;12.91022]	
2014	0.6577518 CI95%[0.00;1.607035]	
	anse mancenillier (la coulee)@saint francois	anse patate@le gosier
2000		
2001		
2002		
2003		
2004		
2005		
2006	23.66861 CI95%[0.00;57.55521]	
2007	30.293 CI95%[0.00;73.37956]	
2008		
2009		
2010		
2011		15.10188 CI95%[0.00;36.79827]
2012		1.03594 CI95%[0.00;2.491707]
2013		1.107101 CI95%[0.00;2.628383]
2014		2.658261 CI95%[0.00;6.394095]

	anse tabarin@le gosier	anse vinaigri@le gosier
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010		
2011		418.9821 CI95%[0.00;1053.625]
2012		
2013		
2014	169.0541 CI95%[0.00;425.9361]	
	bois jolan@sainte anne	canot ouest@le gosier
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008	12.41811 CI95%[0.00;29.85546]	
2009	12.60111 CI95%[0.00;30.42473]	
2010	12.82909 CI95%[0.00;31.52681]	
2011	11.65951 CI95%[0.00;28.76372]	1.697039 CI95%[0.00;4.069654]
2012	2.736297 CI95%[0.00;6.706166]	1.448169 CI95%[0.00;3.506786]
2013	6.41786 CI95%[0.00;15.44782]	1.347024 CI95%[0.00;3.165868]
2014		2.667063 CI95%[0.00;6.403605]
	ilet gosier@le gosier	km 7@saint francois
2000		
2001		
2002		
2003		
2004		
2005		
2006		21.98394 CI95%[0.00;53.73137]
2007		29.23909 CI95%[0.00;72.2883]
2008		14.24173 CI95%[0.00;34.07317]
2009		63.89827 CI95%[0.00;157.7884]
2010		391872.80 CI95%[0.00;941113.36]
2011		0.8794266 CI95%[0.00;2.147466]
2012	15.73937 CI95%[0.00;38.42537]	4.579136 CI95%[0.00;11.08526]
2013		2.087726 CI95%[1.00;3.693664]
2014	50.05235 CI95%[0.00;119.96]	0.8629078 CI95%[0.00;2.117559]

	la caravelle@sainte anne	la chaise@saint francois
2000		
2001		
2002		
2003		
2004		
2005		
2006		76.1097 CI95%[4.00;163.8053]
2007		
2008		
2009		
2010		
2011		
2012	1.907157 CI95%[0.00;4.704048]	
2013	2.868369 CI95%[0.00;6.804665]	
2014	1.357295 CI95%[0.00;3.264314]	

	la datcha@le gosier	la grotte@saint francois
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		13.45661 CI95%[0.00;32.18349]
2008		0.6804838 CI95%[0.00;1.64035]
2009		0.7853589 CI95%[0.00;1.920037]
2010		4.565915 CI95%[4.00;5.212054]
2011		0.1622957 CI95%[0.00;0.436678]
2012		0.2277482 CI95%[0.00;0.5744909]
2013		0.279574 CI95%[0.00;0.7096527]
2014	108.7915 CI95%[0.00;273.2667]	0.3513989 CI95%[0.00;0.8591136]

	le helleux (gros sable)@sainte anne	les galbas@sainte anne
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010		
2011		
2012		22.5413 CI95%[0.00;53.69098]
2013	10.73752 CI95%[0.00;25.50052]	42.99275 CI95%[0.00;105.1007]
2014		

	petit havre@le gosier	plage des salines@le gosier
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		80.94873 CI95%[0.00;196.5709]
2009		
2010		
2011	643.4389 CI95%[0.00;1645.298]	6.572077 CI95%[0.00;15.6559]
2012	358.1208 CI95%[0.00;866.9394]	2.493145 CI95%[0.00;6.029093]
2013	7.296685 CI95%[0.00;17.58515]	1.558832 CI95%[0.00;3.721035]
2014	3.142498 CI95%[0.00;7.498929]	4.262843 CI95%[0.00;10.2454]

	pointe canot est@le gosier	pointe lariette@le gosier
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008	705.1106 CI95%[0.00;1755.357]	
2009		
2010		
2011	165.946 CI95%[0.00;407.0425]	
2012	1.77718 CI95%[0.00;4.179335]	
2013	1.257525 CI95%[0.00;2.992402]	
2014	2.417143 CI95%[0.00;5.765384]	2.67066 CI95%[0.00;6.581869]

	raisins clairs@saint francois	saint felix@le gosier
2000		
2001		
2002		
2003		
2004		
2005		
2006	46.35895 CI95%[2.00;105.0457]	
2007	85.22869 CI95%[0.00;211.3833]	
2008	10.56813 CI95%[0.00;25.33778]	110.9308 CI95%[0.00;271.222]
2009	11.64969 CI95%[0.00;28.95076]	
2010	12.11916 CI95%[0.00;29.34995]	
2011	12.95979 CI95%[0.00;30.74257]	
2012	11.15474 CI95%[0.00;27.27404]	1.677283 CI95%[0.00;3.996926]
2013	10.04948 CI95%[0.00;24.11054]	1.240676 CI95%[0.00;3.056473]
2014	11.24801 CI95%[0.00;27.47614]	2.251781 CI95%[0.00;5.516104]

7.5 Secteur 5

	anse a l'eau@saint francois	anse a la croix@saint francois
2000		
2001		
2002		
2003		
2004		
2005		
2006	34.07179 CI95%[0.00;82.67432]	11.38878 CI95%[0.00;27.44006]
2007	33.12991 CI95%[0.00;80.05]	11.95621 CI95%[0.00;29.71077]
2008	12.11672 CI95%[1.00;27.67073]	11.33695 CI95%[0.00;26.98923]
2009	13.21342 CI95%[0.00;32.63857]	20.9643 CI95%[0.00;50.36146]
2010	16.10566 CI95%[1.00;37.47387]	1.21988 CI95%[0.00;2.998276]
2011	11.44318 CI95%[0.00;27.7984]	1.142287 CI95%[0.00;2.767076]
2012	10.83732 CI95%[0.00;26.08752]	1.22075 CI95%[0.00;2.904124]
2013	10.80957 CI95%[0.00;26.10364]	0.3880744 CI95%[0.00;0.9702504]
2014	11.92918 CI95%[0.00;29.76196]	0.5275214 CI95%[0.00;1.312849]

	anse a la gourde@saint francois	anse conchou@le moule
2000		
2001		
2002		
2003		
2004		
2005		
2006	0.4462851 CI95%[0.00;1.13791]	
2007	0.4362598 CI95%[0.00;1.063145]	
2008	34.63728 CI95%[0.00;83.88128]	53.93604 CI95%[0.00;130.9282]
2009	33.07451 CI95%[0.00;79.72644]	
2010	10.58486 CI95%[0.00;25.42134]	
2011	11.37223 CI95%[0.00;27.22749]	
2012	12.76525 CI95%[0.00;31.27324]	344.1663 CI95%[13.00;686.2063]
2013	13.12192 CI95%[0.00;31.63573]	352.5459 CI95%[0.00;861.0542]
2014	11.16329 CI95%[0.00;27.21307]	20.44155 CI95%[2.00;44.08998]

	anse des chateaux@saint francois	anse des corps@petit canal
2000		
2001		
2002		
2003		
2004		
2005		
2006	17.77697 CI95%[1.00;42.34804]	
2007	14.30522 CI95%[0.00;34.63594]	
2008	0.6037484 CI95%[0.00;1.522881]	
2009	0.6736458 CI95%[0.00;1.687408]	
2010	1.126796 CI95%[1.00;1.319879]	
2011	1.115821 CI95%[1.00;1.320876]	
2012	0.106987 CI95%[0.00;0.2675252]	
2013	2.700035 CI95%[2.00;3.616093]	
2014	0.182351 CI95%[0.00;0.4687498]	

	anse des salines@saint francois	anse maurice@petit canal
2000		
2001		
2002		
2003		
2004		
2005		
2006	36.50861 CI95%[2.00;81.5239]	
2007	26.54281 CI95%[0.00;63.80431]	
2008	12.63442 CI95%[4.00;21.32719]	
2009	5.886855 CI95%[3.00;9.239245]	
2010	5.707927 CI95%[3.00;8.66904]	
2011	0.3838659 CI95%[0.00;0.956336]	
2012	0.3319536 CI95%[0.00;0.8087365]	
2013	1.348464 CI95%[1.00;1.874625]	9.128039 CI95%[0.00;22.24118]
2014	14.80766 CI95%[11.96618;17.64914]	

	anse montal (dauphins)@le moule	anse tarare@saint francois
2000		
2001		
2002		
2003		
2004		
2005		
2006		24.62569 CI95%[0.00;59.48449]
2007		
2008		
2009		
2010		
2011		
2012		
2013	141.1616 CI95%[0.00;355.69]	
2014	10.76238 CI95%[0.00;25.88194]	

	baie olive (anse a la baie)@saint francois	plage de l'autre bord (alizes)@le moule
2000		
2001		
2002		
2003		
2004		
2005		
2006		24.45565 CI95%[0.00;58.04594]
2007	44.63263 CI95%[0.00;107.2719]	
2008	6.386431 CI95%[0.00;15.20279]	6.557819 CI95%[1.00;14.27161]
2009	11.37322 CI95%[0.00;27.23497]	11.93739 CI95%[0.00;28.60304]
2010	11.22697 CI95%[0.00;26.4251]	57.9023 CI95%[4.00;118.8585]
2011	10.99628 CI95%[0.00;26.38746]	12.49329 CI95%[0.00;30.33809]
2012	12.0866 CI95%[0.00;28.81639]	25.40827 CI95%[2.00;54.99457]
2013	12.54305 CI95%[0.00;30.11258]	62.52516 CI95%[5.00;129.5623]
2014	11.4791 CI95%[0.00;28.27414]	48.39988 CI95%[4.00;97.87088]

	porte d'enfer@le moule	rouleaux (baie sainte marie)@saint francois
2000		
2001		
2002		
2003		
2004		
2005		
2006	24.78741 CI95%[0.00;60.57652]	185.1618 CI95%[2.00;456.9007]
2007		57.12613 CI95%[0.00;143.318]
2008		2.268291 CI95%[0.00;5.459093]
2009		1.031868 CI95%[0.00;2.469923]
2010		0.9701845 CI95%[0.00;2.391517]
2011		0.6534794 CI95%[0.00;1.591382]
2012		0.8694749 CI95%[0.00;2.137257]
2013		0.816727 CI95%[0.00;1.975334]
2014		0.8398545 CI95%[0.00;2.036335]

7.6 Secteur 6

	anse petite riviere@la desirade	baie mahault@la desirade
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010	1.61837 CI95%[1.00;2.597869]	
2011	8.28282 CI95%[0.00;19.94458]	6.882879 CI95%[0.00;16.82123]
2012	103.9491 CI95%[0.00;263.8416]	66.92129 CI95%[0.00;161.3743]
2013	20.8303 CI95%[0.00;50.9113]	12.08958 CI95%[0.00;29.25369]
2014	13.00469 CI95%[0.00;31.12387]	11.90428 CI95%[0.00;29.19523]

	petites anses@la desirade	plage a fan fan@la desirade
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010		
2011	6.604398 CI95%[0.00;15.769]	6.535202 CI95%[0.00;15.67945]
2012	65.15633 CI95%[0.00;160.8855]	63.91543 CI95%[0.00;155.7103]
2013	16.46461 CI95%[1.00;39.47444]	13.62913 CI95%[0.00;33.89127]
2014	10.78782 CI95%[0.00;25.85994]	

	plage a fifi@la desirade	plage a galets@la desirade
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010		1662.102 CI95%[12.00;4107.77]
2011	6.276077 CI95%[0.00;15.15827]	6.569402 CI95%[0.00;16.02456]
2012	64.62395 CI95%[0.00;156.6556]	64.62442 CI95%[1.00;155.5965]
2013	12.35965 CI95%[0.00;29.28082]	16.64444 CI95%[1.00;39.15173]
2014		9.817669 CI95%[0.00;23.98466]

	plage de l'aerodrome@la desirade	plage du souffleur@la desirade
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010		
2011	6.790037 CI95%[0.00;16.03832]	8.21694 CI95%[0.00;20.17745]
2012	66.03997 CI95%[1.00;162.058]	243.2249 CI95%[0.00;608.7722]
2013	13.43705 CI95%[0.00;32.58577]	19.6378 CI95%[1.00;47.37981]
2014	10.00945 CI95%[0.00;24.04334]	8.235921 CI95%[0.00;20.12345]

	plage sous le phare@la desirade	pointe de montreuil@la desirade
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010		
2011		7.67273 CI95%[0.00;18.73948]
2012		63.85715 CI95%[0.00;157.8711]
2013		16.84039 CI95%[1.00;39.98908]
2014	4.377018 CI95%[1.00;9.609032]	

	terre de bas@petite terre	terre de haut@petite terre
2000		
2001		
2002		
2003		
2004		
2005		1.641943 CI95%[1.00;2.640017]
2006	704.3655 CI95%[351.3045;1057.426]	386.4036 CI95%[2.00;974.9273]
2007	129.4533 CI95%[4.00;297.6514]	154.9576 CI95%[2.00;384.5246]
2008	3029.669 CI95%[83.00;6707.944]	
2009	243.5837 CI95%[14.00;480.3562]	33.81224 CI95%[1.00;82.27635]
2010	934.5653 CI95%[305.1152;1564.015]	439.6421 CI95%[15.00;883.3492]
2011	130.3795 CI95%[44.95839;215.8006]	141.7119 CI95%[38.68785;244.736]
2012	535.6829 CI95%[288.0053;783.3605]	139.7484 CI95%[52.14488;227.3518]
2013	340.9178 CI95%[180.9854;500.8501]	103.7011 CI95%[36.66013;170.7422]
2014	486.977 CI95%[215.6747;758.2793]	477.7605 CI95%[183.5179;772.0032]

7.7 Secteur 7

	anse canot@saint louis	anse de mays@saint louis
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007	22.79412 CI95%[0.00;55.80084]	31.35013 CI95%[0.00;78.84713]
2008	16.18176 CI95%[0.00;38.38461]	24.8218 CI95%[0.00;60.2584]
2009	17.00142 CI95%[0.00;41.13461]	155.624 CI95%[1.00;379.7795]
2010	15.783 CI95%[0.00;37.72243]	40.43503 CI95%[0.00;99.16895]
2011	13.14432 CI95%[0.00;32.83122]	32.34327 CI95%[0.00;76.06399]
2012	21.24734 CI95%[0.00;51.18607]	15.47402 CI95%[0.00;37.76521]
2013	14.52381 CI95%[0.00;35.38591]	14.32118 CI95%[1.00;33.63612]
2014	16.14912 CI95%[0.00;39.11467]	103.5799 CI95%[0.00;261.8376]

	anse des galets@capesterre de marie galante	anse du coq@saint louis
2000		
2001	77.2603 CI95%[10.00;159.8491]	
2002		
2003	2.565221 CI95%[1.00;4.930194]	
2004		
2005		
2006	1597.905 CI95%[10.00;3705.62]	687.6416 CI95%[5.00;1678.898]
2007	49.75983 CI95%[3.00;105.5952]	
2008	68.83229 CI95%[20.89019;116.7744]	
2009	109.6792 CI95%[7.00;216.2043]	
2010	527.315 CI95%[26.00;1053.826]	
2011	70.51219 CI95%[16.62155;124.4028]	
2012	287.9464 CI95%[115.9686;459.9242]	
2013	224.1218 CI95%[90.29297;357.9506]	
2014	362.6996 CI95%[22.00;707.2514]	

	anse feillard@capesterre de marie galante	anse l'église@saint louis
2000		
2001		
2002		
2003		
2004		
2005		
2006	581.6212 CI95%[11.00;1372.352]	
2007	21.26032 CI95%[0.00;51.59787]	24.05551 CI95%[0.00;59.04953]
2008	20.26684 CI95%[0.00;48.4941]	18.57884 CI95%[0.00;45.50462]
2009	18.62293 CI95%[0.00;45.11394]	18.46729 CI95%[0.00;44.41768]
2010	50.6695 CI95%[4.00;102.2228]	21.87344 CI95%[0.00;52.32774]
2011	15.8746 CI95%[1.00;37.1366]	21.80693 CI95%[0.00;52.74676]
2012	77.60536 CI95%[10.28069;144.93]	30.81457 CI95%[0.00;73.19709]
2013	47.13954 CI95%[3.00;102.6177]	64.46785 CI95%[0.00;157.6612]
2014	20.97575 CI95%[1.00;48.67791]	42.00841 CI95%[0.00;101.1729]

	feuillere@capesterre de marie galante	folle anse@grand bourg
2000		
2001		
2002		
2003		
2004		
2005		568.1734 CI95%[0.00;1408.045]
2006		55.89823 CI95%[0.00;137.2857]
2007	20.32765 CI95%[0.00;50.66972]	50.13617 CI95%[0.00;121.2437]
2008	21.12256 CI95%[1.00;50.02321]	28.34147 CI95%[0.00;69.66764]
2009	17.29643 CI95%[0.00;42.20038]	26.63773 CI95%[0.00;64.31361]
2010	15.26963 CI95%[1.00;35.43591]	14.37989 CI95%[0.00;34.43526]
2011	26.00492 CI95%[1.00;61.03916]	13.34306 CI95%[0.00;32.21774]
2012	12.59062 CI95%[0.00;30.67153]	18.83145 CI95%[0.00;45.92983]
2013	15.14909 CI95%[1.00;34.69562]	24.46024 CI95%[0.00;59.57522]
2014	25.7365 CI95%[0.00;62.44639]	80.56253 CI95%[0.00;195.5923]

	petite anse@capesterre de marie galante	plage de saint louis@saint louis
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007	20.34742 CI95%[0.00;49.13014]	
2008	14.77969 CI95%[0.00;36.33779]	
2009	21.69353 CI95%[0.00;53.93621]	
2010	37.24355 CI95%[2.00;82.32413]	
2011	14.75599 CI95%[0.00;35.41941]	
2012	15.30907 CI95%[0.00;37.27942]	
2013	12.58369 CI95%[0.00;30.01773]	
2014	30.25083 CI95%[0.00;74.65674]	

	trois ilets@grand bourg	vieux fort@saint louis
2000		
2001		
2002		
2003		
2004		
2005	2137.454 CI95%[0.00;5321.311]	
2006	5.830503 CI95%[0.00;14.15241]	
2007		21.07783 CI95%[0.00;50.16428]
2008	8.031337 CI95%[0.00;19.27209]	27.96028 CI95%[1.00;67.89708]
2009	49.40567 CI95%[0.00;126.3874]	30.53525 CI95%[0.00;72.34212]
2010	59.61521 CI95%[0.00;143.3548]	27.70202 CI95%[0.00;67.63493]
2011	46.01046 CI95%[0.00;108.4681]	31.81022 CI95%[0.00;76.81618]
2012	30.20104 CI95%[0.00;72.75068]	23.6023 CI95%[0.00;57.17907]
2013	18.34507 CI95%[0.00;44.46146]	29.00431 CI95%[0.00;71.17016]
2014	89.89093 CI95%[0.00;217.6372]	25.30224 CI95%[0.00;61.58653]

7.8 Secteur 8

	anse a cointe@les saintes (tdh)	anse crawen@les saintes (tdh)
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010		13.12259 CI95%[0.00;32.04889]
2011		23.58153 CI95%[0.00;57.62158]
2012		23.62279 CI95%[0.00;57.69561]
2013		13.1996 CI95%[0.00;32.3319]
2014		

	anse figuier@les saintes (tdh)	anse mire@les saintes (tdh)
2000		
2001		
2002		
2003		
2004	1.373343 CI95%[1.00;1.938811]	
2005		
2006		
2007		
2008	165.7519 CI95%[2.00;421.3594]	
2009		
2010	15.26461 CI95%[0.00;37.74818]	
2011	32.80648 CI95%[0.00;79.71796]	
2012	25.1291 CI95%[2.00;56.36222]	
2013	15.42691 CI95%[1.00;35.04892]	
2014	4.116403 CI95%[1.00;8.836952]	

	anse rodrigue@les saintes (tdh)	baie de pompierre@les saintes (tdh)
2000		4.289996 CI95%[3.00;6.256778]
2001		
2002		
2003		
2004		4.215724 CI95%[2.00;7.711184]
2005		
2006		
2007	2.499401 CI95%[2.00;3.264227]	2.042653 CI95%[1.00;3.643914]
2008		
2009		
2010		15.05753 CI95%[0.00;37.43344]
2011	31.53517 CI95%[0.00;75.20928]	24.27466 CI95%[0.00;59.67753]
2012	28.47919 CI95%[2.00;63.81674]	19.93516 CI95%[1.00;46.78639]
2013	14.54735 CI95%[0.00;35.96562]	19.04448 CI95%[0.00;45.91379]
2014		

	baie du marigot@les saintes (tdh)	grand ilet@les saintes (tdh)
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010		
2011		
2012	265.3058 CI95%[0.00;674.0975]	172.769 CI95%[1.00;427.2015]
2013	126.7995 CI95%[0.00;303.9758]	
2014		

	grande anse@les saintes (tdh)	ilet cabrit@les saintes (tdh)
2000		
2001		
2002		
2003		
2004	26.89002 CI95%[7.00;55.14999]	
2005	1.386628 CI95%[1.00;1.972208]	
2006		
2007	2.00 CI95%[2.00;2.00]	
2008		
2009		
2010	61.98857 CI95%[4.00;128.8406]	
2011	27.43204 CI95%[0.00;65.68721]	
2012	364.6492 CI95%[100.4059;628.8925]	110.6996 CI95%[0.00;275.6342]
2013	22.5452 CI95%[0.00;53.76952]	
2014	22.73054 CI95%[12.00;37.83368]	

pain de sucre@les saintes (tdh)			
2000			
2001			
2002			
2003			
2004			
2005			
2006			
2007			
2008			
2009			
2010	23.54316	CI95%	[0.00;57.37927]
2011	54.05275	CI95%	[0.00;136.2183]
2012	26.86153	CI95%	[0.00;66.66325]
2013	17.37015	CI95%	[0.00;42.64344]
2014			

7.9 Secteur 9

7.10 Secteur 10

	anse marcel@saint martin	baie aux prunes@saint martin
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010		102.8542 CI95%[3.00;227.6813]
2011		
2012		75.6479 CI95%[15.20827;136.0875]
2013	9.826415 CI95%[0.00;23.75478]	23.51364 CI95%[4.00;44.30055]
2014		53.9486 CI95%[13.47916;94.41804]

	baie blanche@saint martin	baie longue@saint martin
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010	49.94539 CI95%[4.00;100.4929]	364.9457 CI95%[131.7942;598.0971]
2011		
2012	11.81272 CI95%[2.00;24.5675]	142.253 CI95%[72.33583;212.1702]
2013	17.91553 CI95%[3.00;34.31066]	74.21812 CI95%[37.13263;111.3036]
2014	6.633644 CI95%[1.00;14.68293]	312.2119 CI95%[155.3455;469.0783]

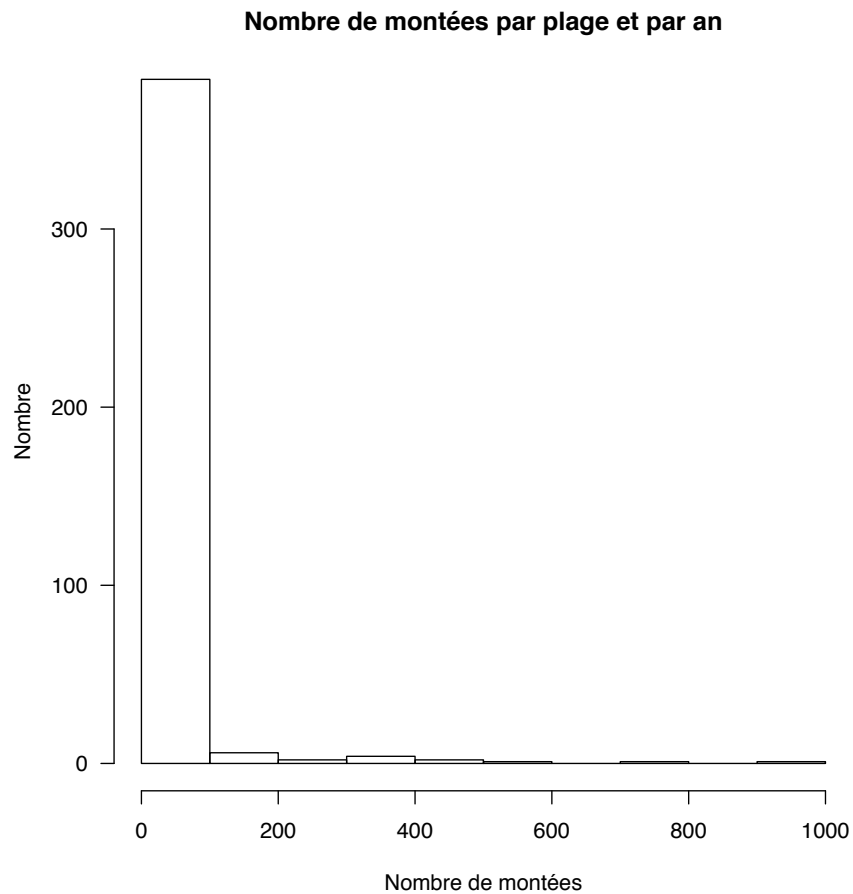
	baie orientale@saint martin	baie rouge@saint martin
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010		83.43887 CI95%[1.00;202.2541]
2011		
2012		4.113257 CI95%[0.00;9.969193]
2013	7.35277 CI95%[0.00;17.38213]	6.209594 CI95%[1.00;13.2427]
2014		4.724182 CI95%[0.00;11.22277]
	caye verte@saint martin	coralita@saint martin
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010	18.40536 CI95%[2.00;39.04351]	12.06353 CI95%[1.00;27.2105]
2011		
2012		6.678967 CI95%[0.00;16.20722]
2013		52.91124 CI95%[0.00;131.6435]
2014		14.91076 CI95%[0.00;36.38234]
	grandes cayes@saint martin	happy bay@saint martin
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010	5.809564 CI95%[1.00;12.55596]	
2011		
2012	12.39975 CI95%[0.00;30.70001]	
2013	4.953962 CI95%[1.00;10.55899]	13.84176 CI95%[0.00;33.09134]
2014	19.56909 CI95%[0.00;47.42548]	13.43041 CI95%[0.00;31.75012]

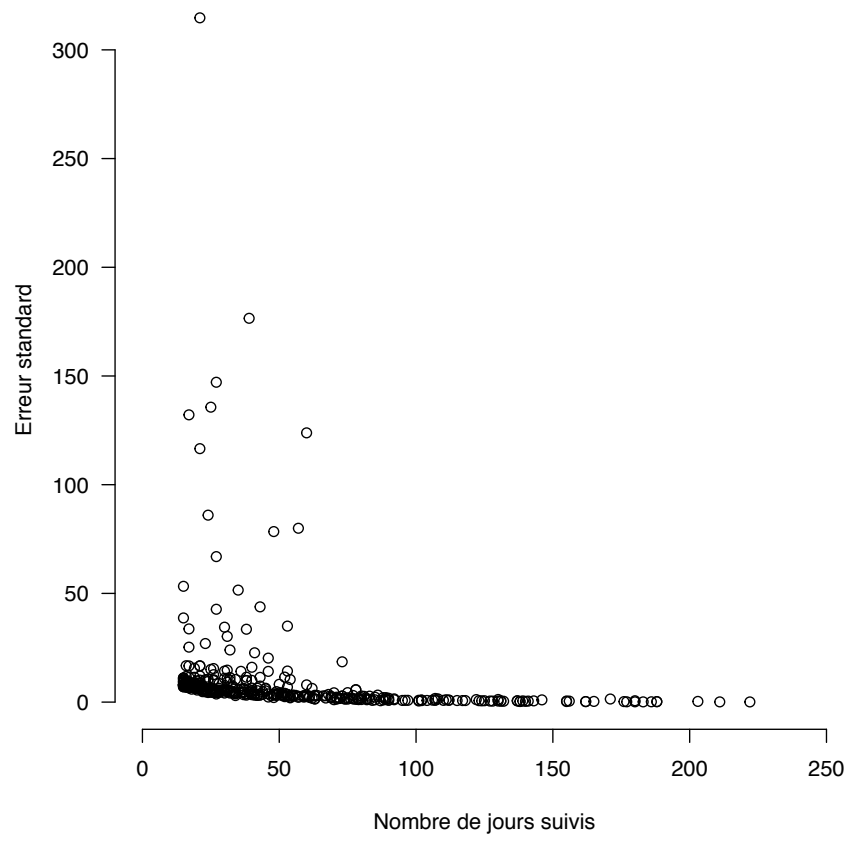
	ilet pinel@saint martin	le galion@saint martin
2000		
2001	3.494667 CI95%[1.00;7.178369]	
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010	19.69573 CI95%[2.00;40.76278]	14.76958 CI95%[1.00;33.7535]
2011		
2012	398.6055 CI95%[0.00;992.214]	13.55868 CI95%[0.00;32.01751]
2013	573.1335 CI95%[0.00;1428.597]	19.77748 CI95%[0.00;48.44335]
2014	13.96702 CI95%[0.00;33.50695]	12.2085 CI95%[0.00;29.51067]

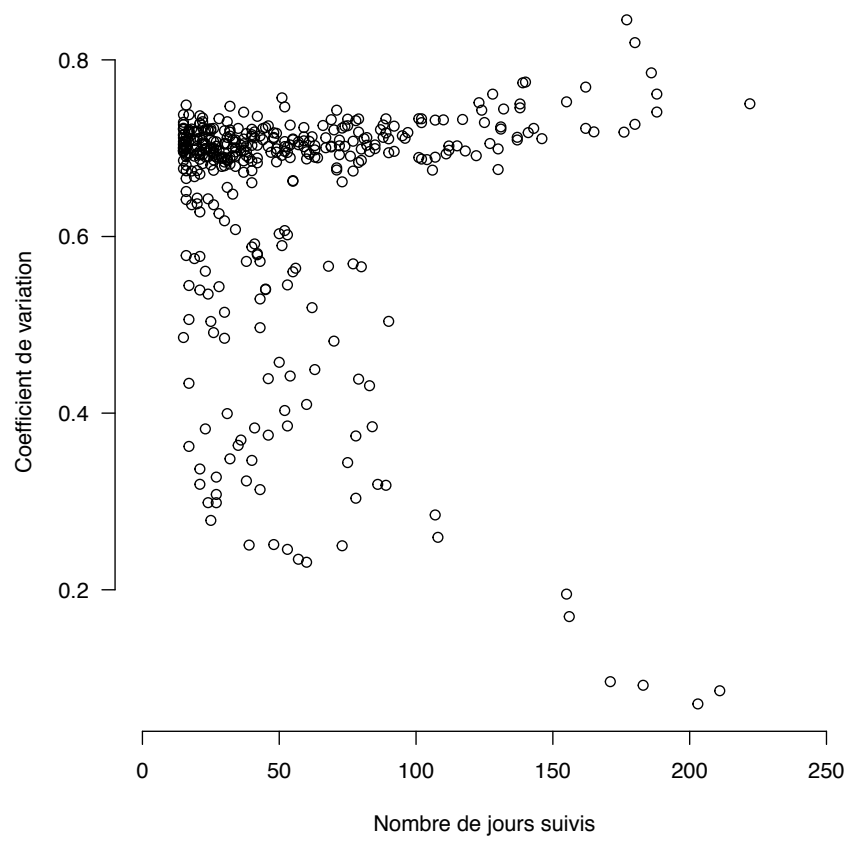
	petites cayes@saint martin	plages du lagon@saint martin
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010	7.35797 CI95%[0.00;17.40172]	56.53792 CI95%[4.00;117.2141]
2011		
2012	5.585818 CI95%[0.00;13.6453]	10.21732 CI95%[0.00;24.89699]
2013	17.29374 CI95%[2.00;37.07029]	22.92225 CI95%[3.00;45.69645]
2014	5.722889 CI95%[0.00;13.84139]	7.230716 CI95%[1.00;15.75806]

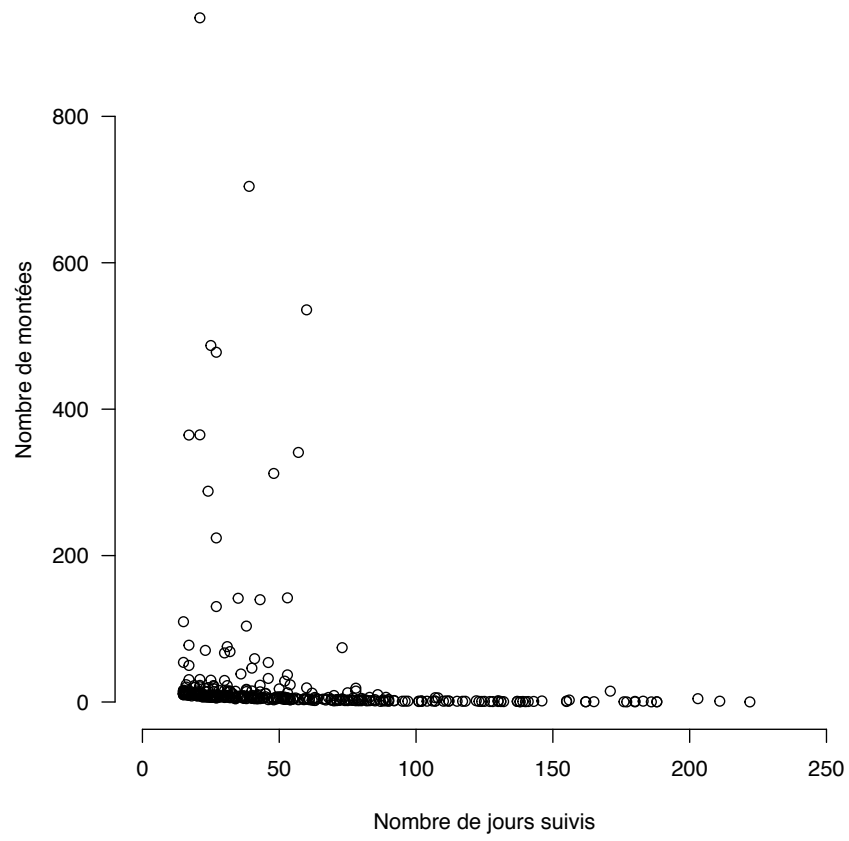
8 Ajustement de tous les secteurs ensemble

Seules les plages avec au moins 15 jours de suivi sont conservées. Les autres plages créent plus d'instabilité dans l'ajustement qu'elle n'amènent d'information.









8.1 Tableau synthétique

	Nombre de plages totales	Nombre de plages avec informations
1	19	18
2	39	37
3	13	9
4	34	30
5	21	16
6	12	12
7	18	15
8	13	11
9	4	3
10	16	15
Total	189	166

	Nombre de plages comptées	Nombre de plages utilisées
1	17	13
2	35	21
3	9	8
4	28	20
5	14	11
6	12	11
7	12	7
8	11	1
9	0	0
10	14	13
Total	152	105

8.2 Ajustement des modèles

Trois modèles sont testés, tous avec une proportion des montées constante sur les différents sites au cours du temps:

- Nombre constant de montées au cours des 15 années.
- Tendance exponentielle du nombre des montées.
- Nombre de montées différent chaque année.

La comparaison des modèles 1 et 2 permet d'avoir une idée de la tendance significative ou non.

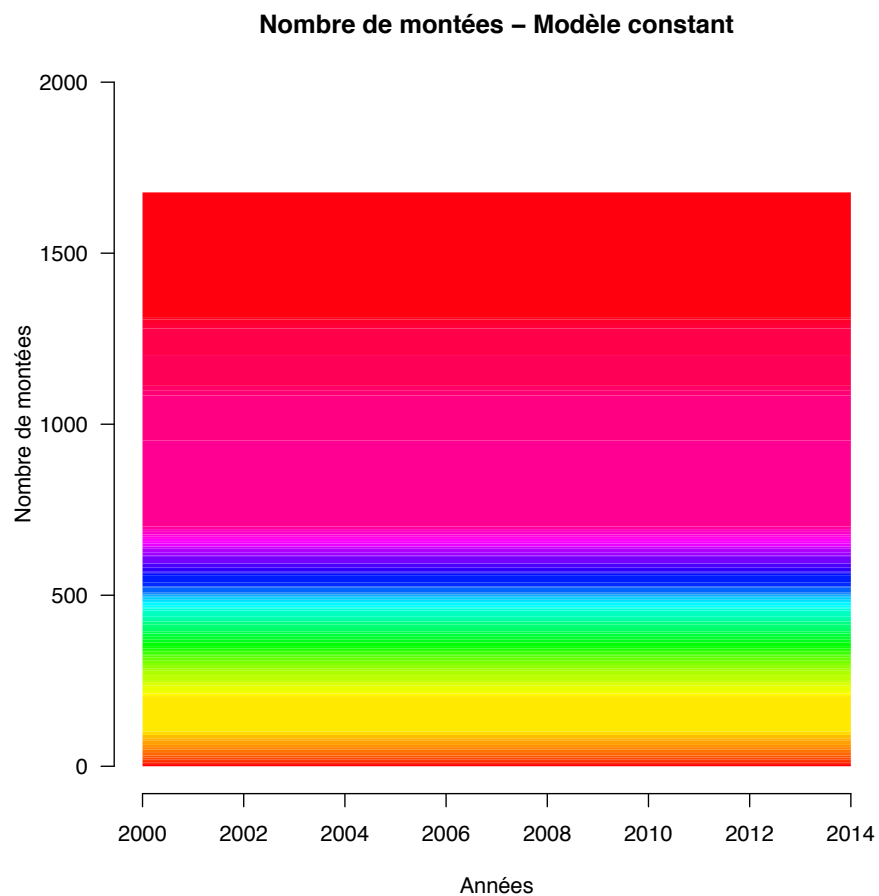
```
## [1] "The lowest AIC (2724.165) is for series E0Z with Akaike weight=1.000"
##           AIC DeltaAIC Akaike_weight
## C0Z 2745.106 20.94096 0.0000283606
## E0Z 2724.165 0.00000 0.9999716394
```

On effectue d'abord la comparaison des modèles avec tendance (E0Z) ou stable (C0Z). Le modèle sélectionné est E0Z avec une probabilité que ce soit réellement le meilleur modèle de 0.9999716.

8.3 Présentation des résultats des trois modèles

Chaque couleur représente une plage. Les plages sont ordonnées par secteur. Toutes les îles sont incluses.

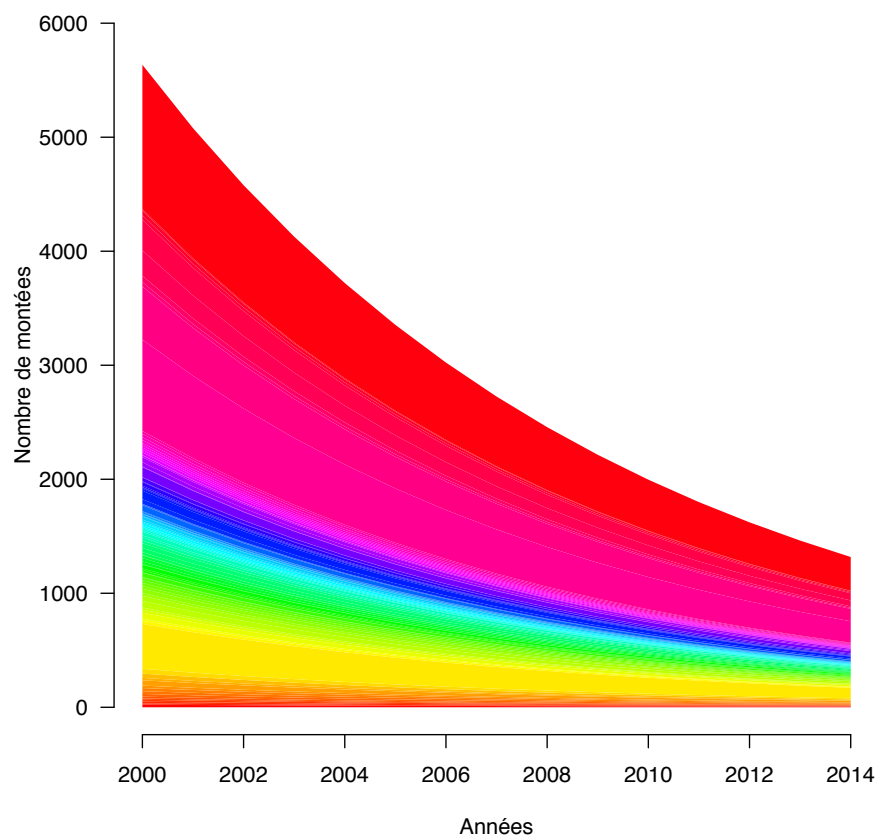
8.3.1 Nombre constant de montées au sein de l'archipel - Secteurs 1-10



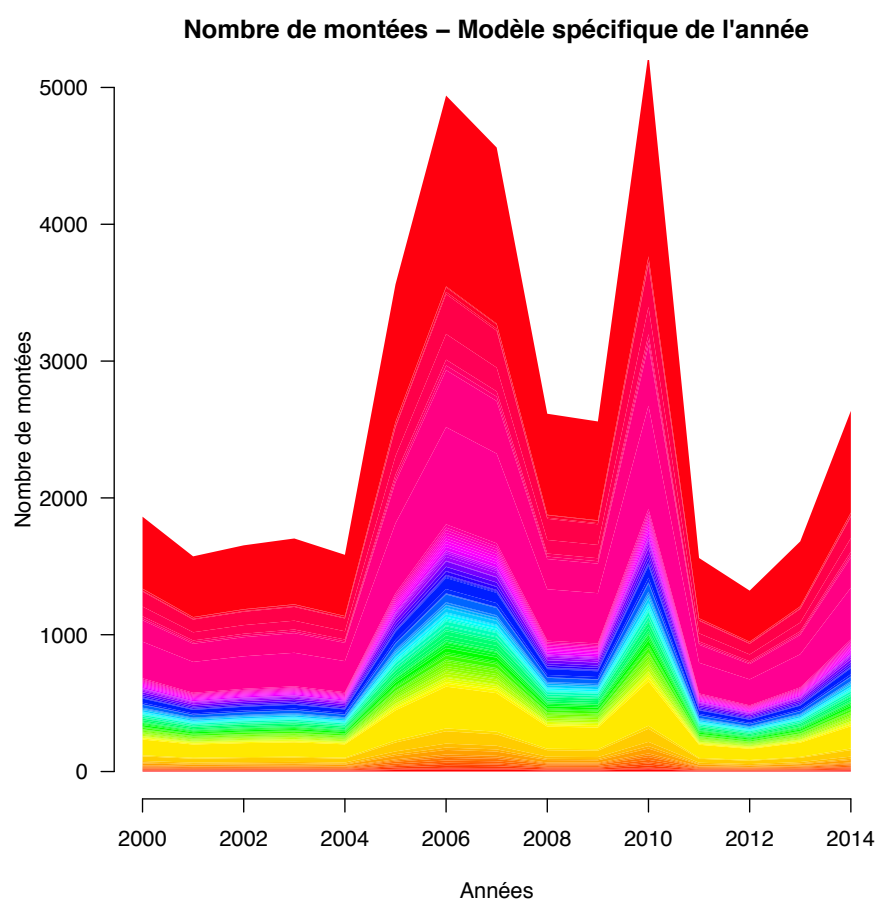
8.3.2 Tendance du nombre de montées au sein de l'archipel - Secteurs 1-10

Le taux de croissance annuel est de -0.1037744 , soit une décroissance.

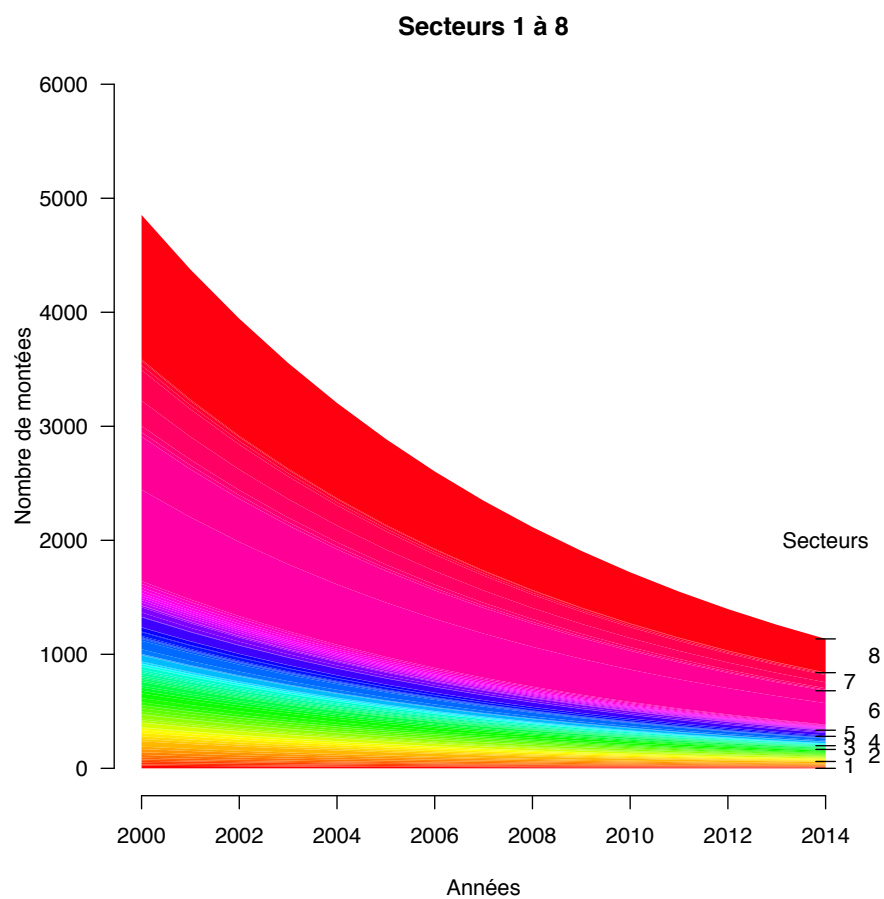
Nombre de montées – Modèle exponentiel



8.4 Variation annuelle du nombre de montées - Secteurs 1-10

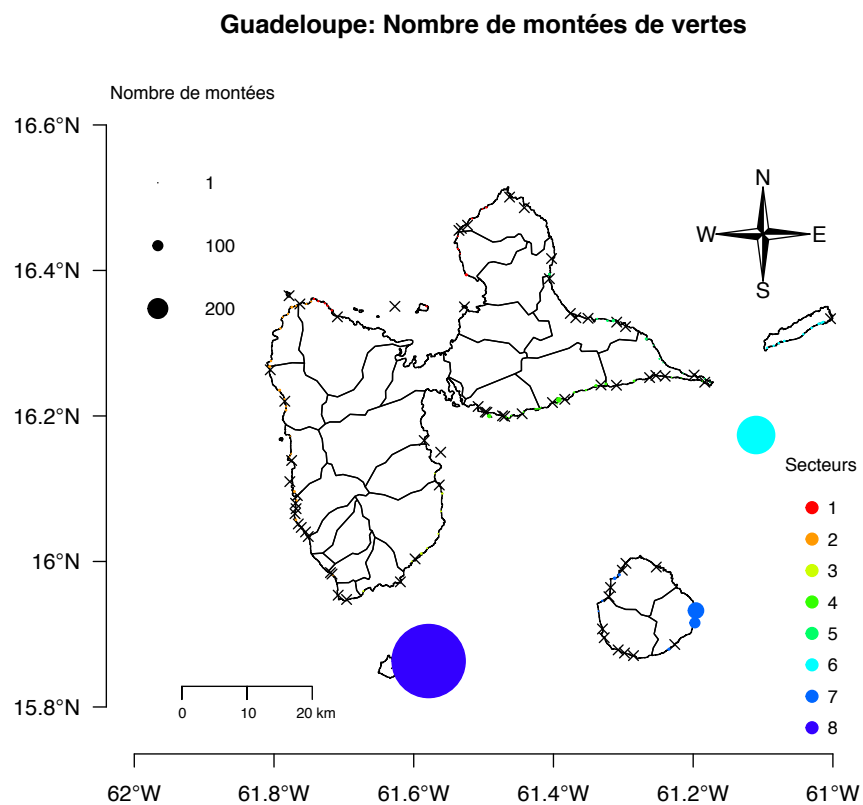


8.5 Modèle sélectionné sur les secteurs 1-8



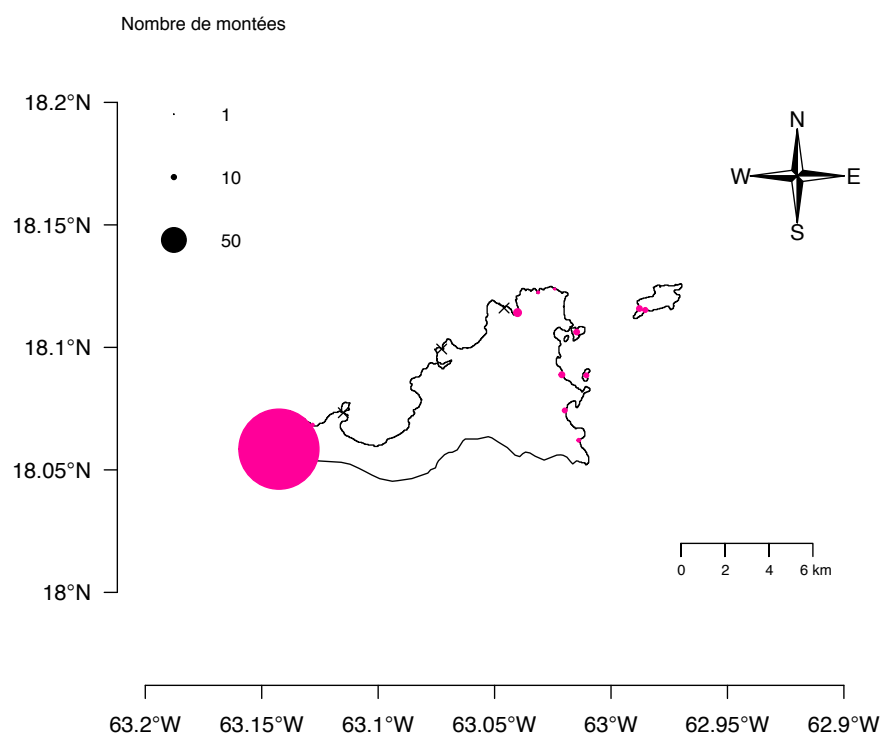
9 Cartes avec le nombre de montées de vertes en 2014

9.1 Carte de Guadeloupe

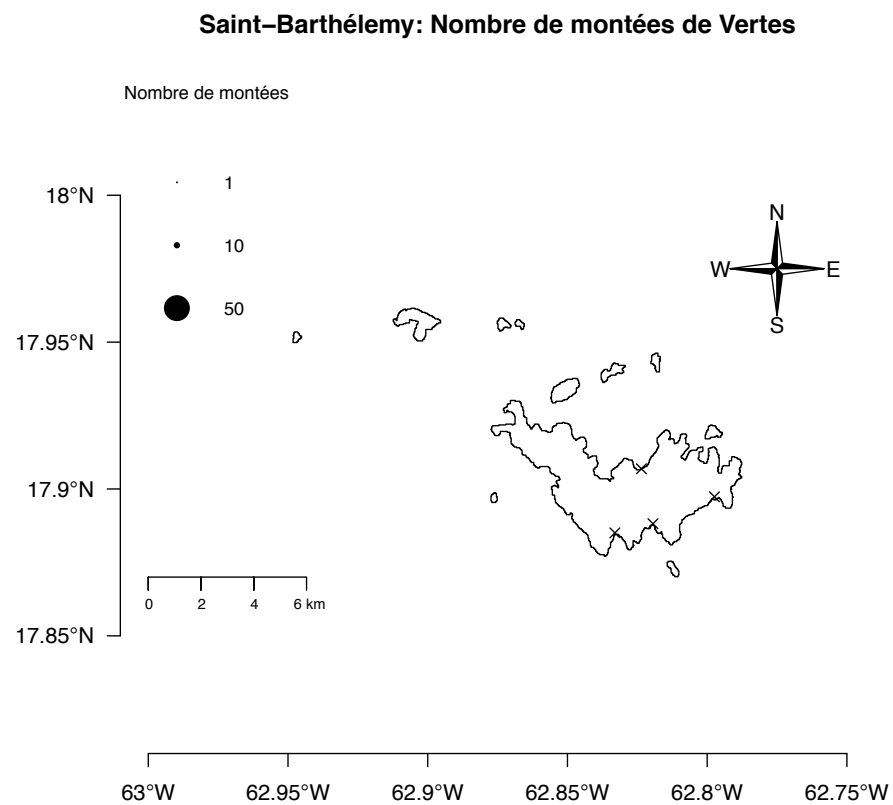


9.2 Carte de Saint-Martin

Saint-Martin: Nombre de montées de Vertes

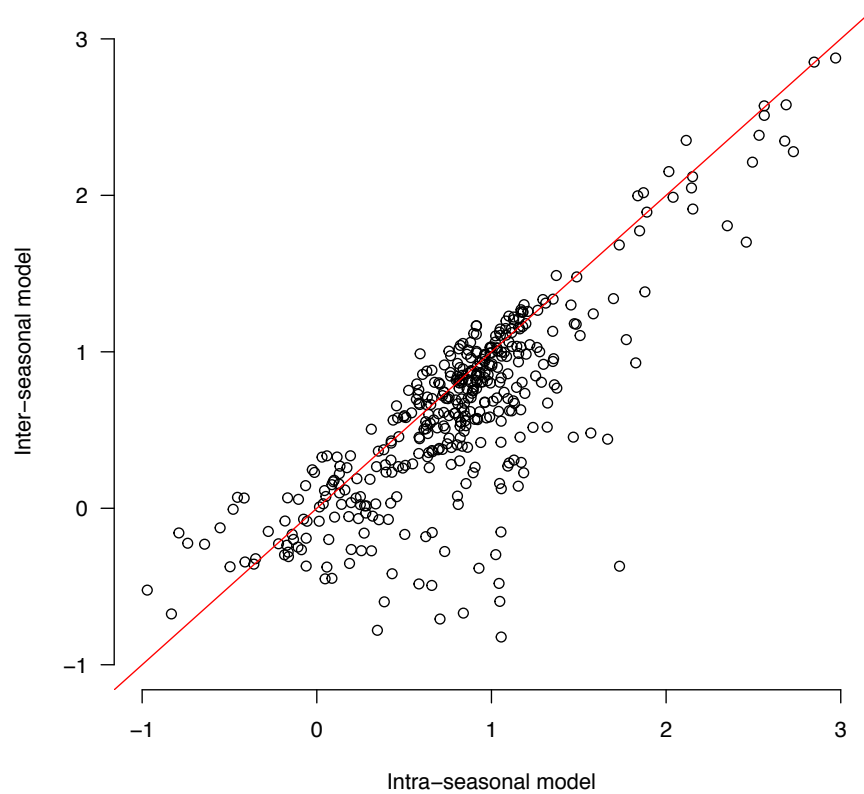


9.2.1 Carte de Saint-Barthélemy



10 Test de la qualité de l'ajustement en intersaison

Comparaison entre le nombre de montées estimées en intrasaison et le nombre de montées modélisée en intersaison (échelle logarithmique décimale).



11 Tableau de synthèse par secteur

	Secteur	2000	2001	2002	2003	2004	2005	2006
1	1	66.12	55.82	58.69	60.46	56.23	126.41	175.37
2	2	114.95	97.05	102.03	105.11	97.75	219.76	304.88
3	3	35.44	29.92	31.46	32.41	30.14	67.76	94.00
4	4	116.90	98.69	103.75	106.89	99.40	223.48	310.03
5	5	56.50	47.70	50.15	51.66	48.04	108.01	149.85
6	6	496.95	419.55	441.07	454.42	422.56	950.07	1318.01
7	7	230.88	194.92	204.92	211.12	196.32	441.40	612.34
8	8	525.76	443.88	466.64	480.77	447.06	1005.15	1394.43
9	9							
10	10	219.32	185.16	194.66	200.55	186.49	419.29	581.68

	Secteur	2007	2008	2009	2010	2011	2012	2013	2014
1	1	161.89	92.83	90.82	186.24	55.40	46.93	59.72	93.57
2	2	281.44	161.38	157.89	323.77	96.31	81.59	103.81	162.66
3	3	86.77	49.75	48.68	99.82	29.69	25.15	32.01	50.15
4	4	286.20	164.11	160.57	329.25	97.94	82.97	105.57	165.41
5	5	138.33	79.32	77.61	159.14	47.34	40.10	51.03	79.95
6	6	1216.70	697.65	682.60	1399.71	416.38	352.73	448.80	703.21
7	7	565.27	324.12	317.13	650.30	193.45	163.87	208.51	326.71
8	8	1287.25	738.10	722.17	1480.86	440.52	373.18	474.82	743.98
9	9								
10	10	536.96	307.89	301.25	617.73	183.76	155.67	198.07	310.35