Supplementary Information for

A Data-Parsimonious Model for Long-Term Risk Assessments of West Nile Virus Spillover

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I-Tables

(a) Interval length $L_{1-\alpha}$ (days)

Year	$1-\alpha$						
	0.50	0.60	0.70	0.80	0.90	0.95	0.99
2006	45	49	53	65	60	64	131
2007	45	47	50	57	59	63	129
2008	44	46	49	54	59	63	128
2009	40	43	45	53	77	60	128
2010	43	45	48	51	56	59	72
2011	44	47	50	54	60	64	126
2012	50	53	56	60	65	69	133
2013	49	52	56	60	65	69	133
2014	48	51	53	57	63	67	134
2015	45	48	51	56	61	66	132
2016	43	45	48	52	57	61	127
2017	37	40	43	47	52	56	123
2018	38	40	43	46	51	56	123
2019	27	32	39	53	73	85	122
2020	42	44	46	50	55	59	126
2021	41	44	47	51	56	60	126
2022	45	47	50	53	58	62	128
2023	45	47	49	53	57	61	127
2024	49	51	53	57	62	66	132
Avg($L_{1-\alpha}$)	43	45	48	54	60	63	128
β (%)	58	58	58	68	84	89	95
$\bar{A}_{1-\alpha}$	0.0134	0.0126	0.0118	0.0126	0.0140	0.0141	0.0074

(b) Accuracy $A_{1-\alpha}$

Year	$1-\alpha$						
	0.50	0.60	0.70	0.80	0.90	0.95	0.99
2006	0	0	0	0	0.0167	0.0156	0.0076
2007	0.0000	0	0	0	0.0169	0.0159	0.0077
2008	0.0227	0.0217	0.0204	0.0185	0.0169	0.0159	0.0078
2009	0	0	0	0	0	0.0167	0.0078
2010	0	0	0	0	0	0	0
2011	0	0	0	0	0.0167	0.0156	0.0079
2012	0.0200	0.0189	0.0179	0.0167	0.0154	0.0145	0.0075
2013	0.0204	0.0192	0.0179	0.0167	0.0154	0.0145	0.0075
2014	0	0	0	0.0175	0.0159	0.0149	0.0074
2015	0.0222	0.0208	0.0196	0.0179	0.0164	0.0152	0.0075
2016	0.0233	0.0222	0.0208	0.0192	0.0175	0.0164	0.0078
2017	0.0270	0.0250	0.0233	0.0213	0.0192	0.0180	0.0081
2018	0.0263	0.0250	0.0233	0.0217	0.0196	0.0179	0.0081
2019	0	0	0	0	0	0	0.0081
2020	0.0238	0.0227	0.0217	0.0200	0.0182	0.0169	0.0079
2021	0	0	0	0.0196	0.0179	0.0167	0.0079
2022	0.0222	0.0213	0.0200	0.0189	0.0172	0.0161	0.0078
2023	0.0222	0.0213	0.0204	0.0189	0.0175	0.0164	0.0078
2024	0.0204	0.0196	0.0189	0.0175	0.0161	0.0152	0.0075
Avg($A_{1-\alpha}$)	0.0132	0.0125	0.0118	0.0129	0.0144	0.0143	0.0072
β (%)	58	58	58	68	84	89	95

Table 4: Leave-one-year-out cross-validation for spillover-onset forecasts in Los Angeles County, California: (a) prediction-interval length and (b) accuracy $A_{1-\alpha}$ as functions of confidence level $1-\alpha$.

(a) Interval length $L_{1-\alpha}$ (days)

Year \ $1-\alpha$	0.50	0.60	0.70	0.80	0.90	0.95	0.99
2006	42	49	56	62	70	77	117
2007	41	48	55	59	67	74	113
2008	45	51	57	61	69	76	117
2009	41	48	56	68	81	77	118
2011	40	50	56	70	82	75	121
2012	46	53	57	62	70	78	126
2013	46	53	57	62	70	76	123
2014	39	45	51	55	62	69	112
2015	45	53	57	63	69	76	115
2016	44	53	57	62	70	77	110
2017	48	54	58	63	70	77	105
2018	40	46	50	53	60	64	81
2019	45	51	56	62	69	75	104
2020	43	50	55	61	68	76	109
2021	36	45	52	58	72	83	109
2023	42	50	54	60	68	75	110
2024	36	44	48	54	62	68	116
Avg($L_{1-\alpha}$)	42	49	54	60	69	74	113
β (%)	59	65	76	76	76	88	88
$\bar{A}_{1-\alpha}$	0.014	0.0133	0.014	0.0127	0.011	0.0119	0.0077

(b) Accuracy $A_{1-\alpha}$

Year \ $1-\alpha$	0.50	0.60	0.70	0.80	0.90	0.95	0.99
2006	0.0238	0.0204	0.0179	0.0200	0.0143	0.0130	0.0085
2007	0.0244	0.0208	0.0182	0.0200	0.0149	0.0135	0.0088
2008	0.0222	0.0196	0.0175	0.0200	0.0145	0.0132	0.0085
2009	0	0	0	0	0	0.0130	0.0079
2011	0	0	0	0	0	0.0133	0.0082
2012	0.0217	0.0189	0.0175	0.0200	0.0143	0.0128	0.0079
2013	0.0217	0.0189	0.0175	0.0200	0.0143	0.0132	0.0081
2014	0	0	0.0196	0.0200	0.0161	0.0145	0.0089
2015	0.0222	0.0189	0.0175	0.0200	0.0145	0.0132	0.0086
2016	0	0.0189	0.0175	0.0200	0.0143	0.0130	0.0090
2017	0.0208	0.0185	0.0172	0.0200	0.0143	0.0130	0.0095
2018	0	0	0	0	0	0	0
2019	0	0	0.0179	0.0200	0.0145	0.0133	0.0096
2020	0.0233	0.0200	0.0182	0.0200	0.0147	0.0132	0.0091
2021	0	0	0	0	0	0	0
2023	0.0238	0.0200	0.0185	0.0200	0.0147	0.0133	0.0090
2024	0.0278	0.0227	0.0208	0.0200	0.0161	0.0147	0.0086
Avg($A_{1-\alpha}$)	0.0136	0.0128	0.0139	0.0153	0.0113	0.0118	0.0086
β (%)	59	65	76	76	76	88	88

Table 5: Leave-one-year-out cross-validation for spillover-onset forecasts in Riverside County, California: (a) prediction-interval length and (b) accuracy $A_{1-\alpha}$ as functions of confidence level $1-\alpha$.

(a) Los Angeles County — prediction year 2023

$1-\alpha$	Length (days)	$A_{1-\alpha}$
0.50	41	0.0244
0.55	44	0.0227
0.60	48	0.0208
0.65	50	0.0202
0.70	51	0.0196
0.75	52	0.0192
0.80	53	0.0189
0.85	55	0.0182
0.90	58	0.0172
0.95	62	0.0161

(b) Los Angeles County — prediction year 2024

$1-\alpha$	Length (days)	$A_{1-\alpha}$
0.50	49	0.0204
0.55	50	0.0200
0.60	51	0.0196
0.65	52	0.0192
0.70	53	0.0189
0.75	55	0.0182
0.80	57	0.0175
0.85	59	0.0169
0.90	62	0.0161
0.95	66	0.0152

Table 6: Retrospective-forecast interval length and accuracy metric ($A_{1-\alpha}$) for Los Angeles County, California, at several confidence levels.

(a) Riverside County — prediction year 2023

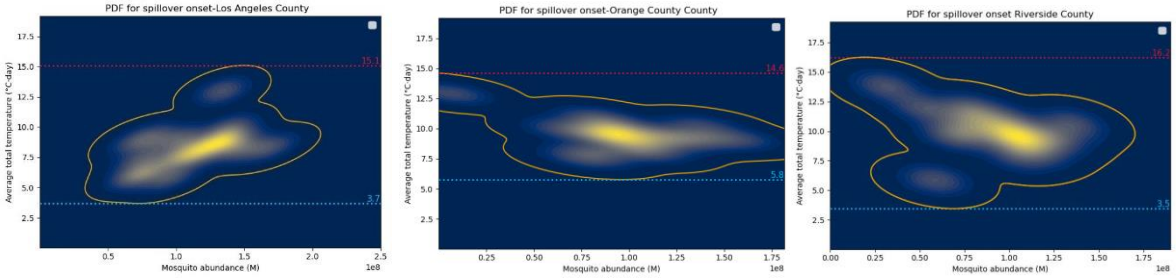
$1-\alpha$	Length (days)	$A_{1-\alpha}$
0.50	36	0.0278
0.55	40	0.0250
0.60	42	0.0238
0.65	46	0.0217
0.70	48	0.0208
0.75	50	0.0200
0.80	53	0.0189
0.85	57	0.0175
0.90	61	0.0164
0.95	68	0.0147

(b) Riverside County — prediction year 2024

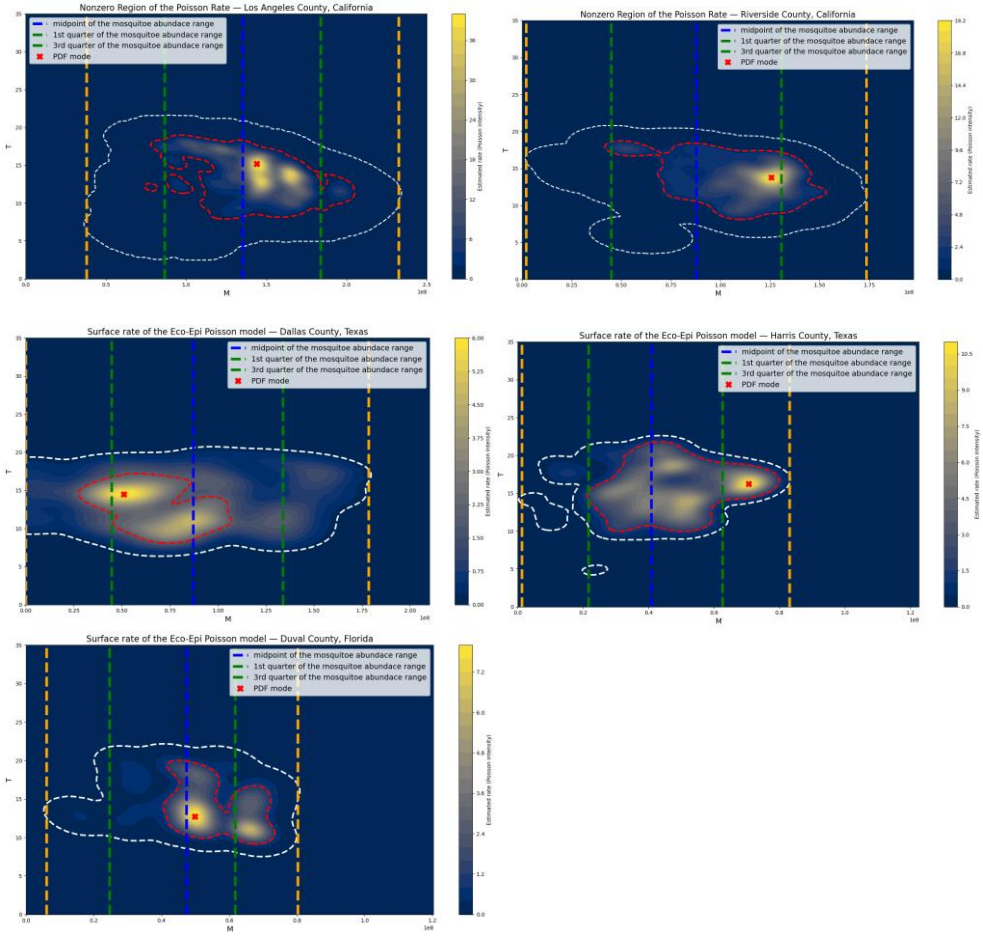
$1-\alpha$	Length (days)	$A_{1-\alpha}$
0.50	36	0.0278
0.55	40	0.0250
0.60	44	0.0227
0.65	46	0.0217
0.70	48	0.0208
0.75	50	0.0200
0.80	54	0.0185
0.85	56	0.0179
0.90	62	0.0161
0.95	68	0.0147

Table 7: Retrospective-forecast interval length and accuracy metric ($A_{1-\alpha}$) for Riverside County, California, at several confidence levels.

II-Spillover onset PDFs

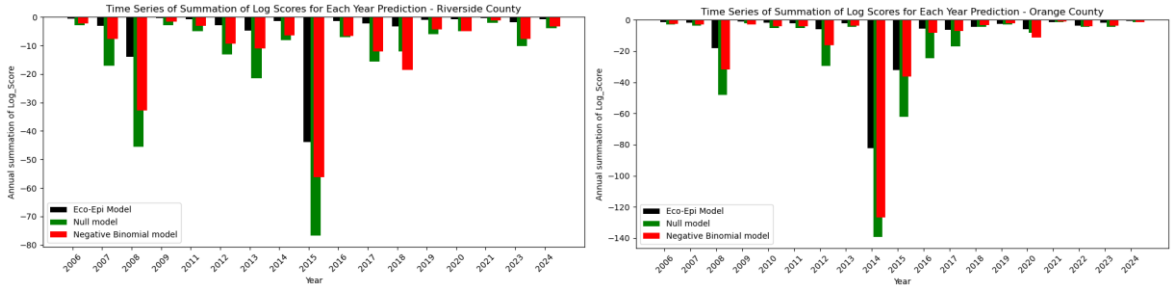


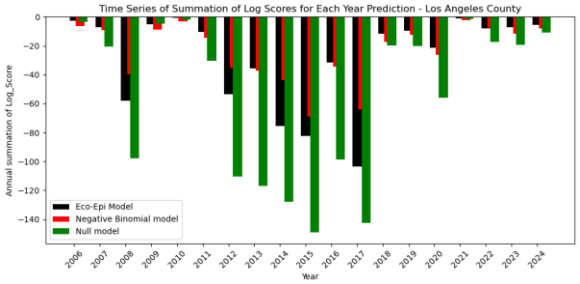
III-Rate of spillover function

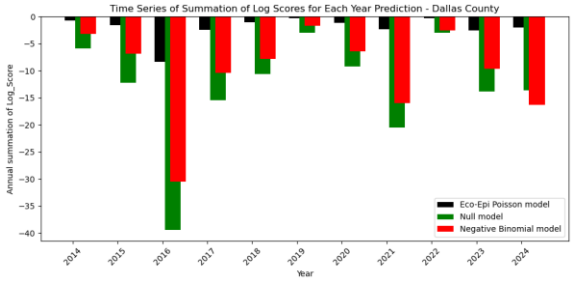


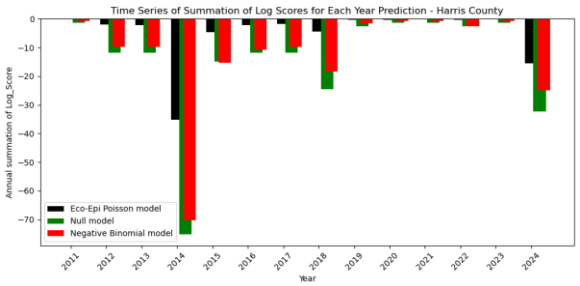
IV-Evaluation results

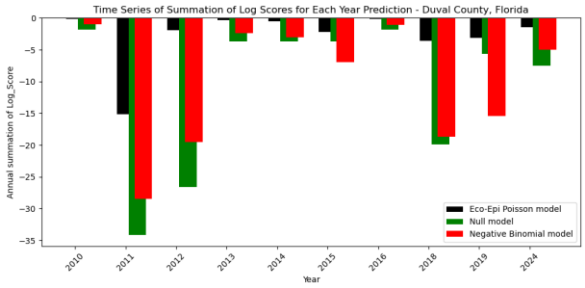
Annual sum of logarithmic scores plots



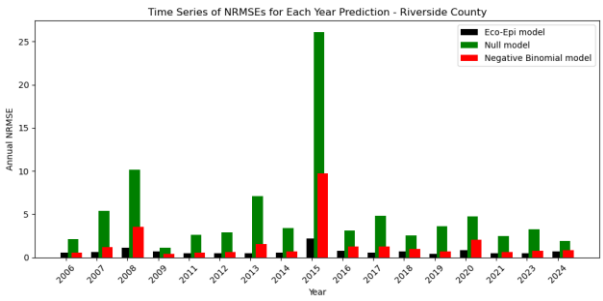


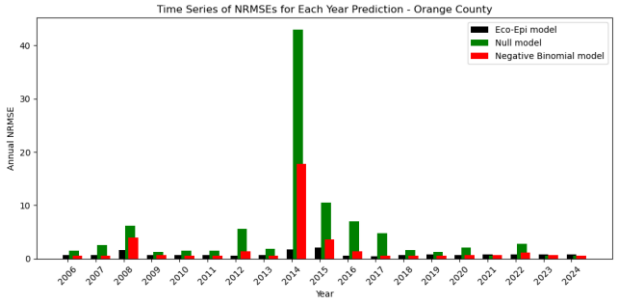


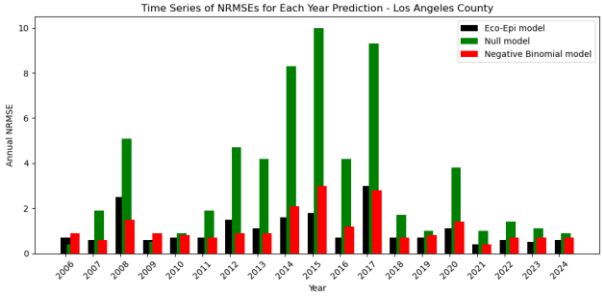


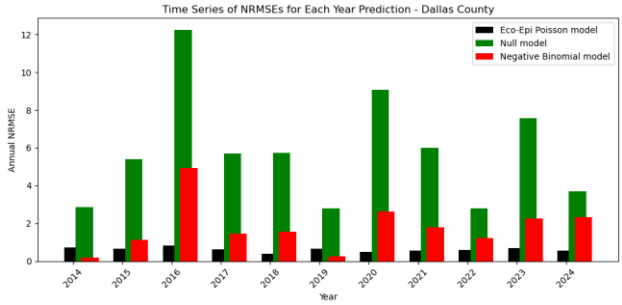


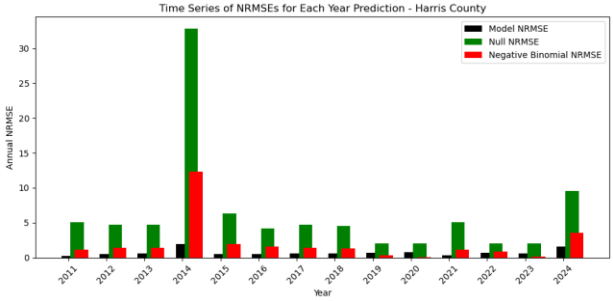
Annual NRMSE plots

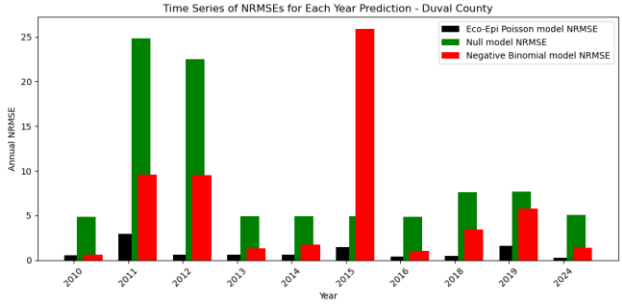








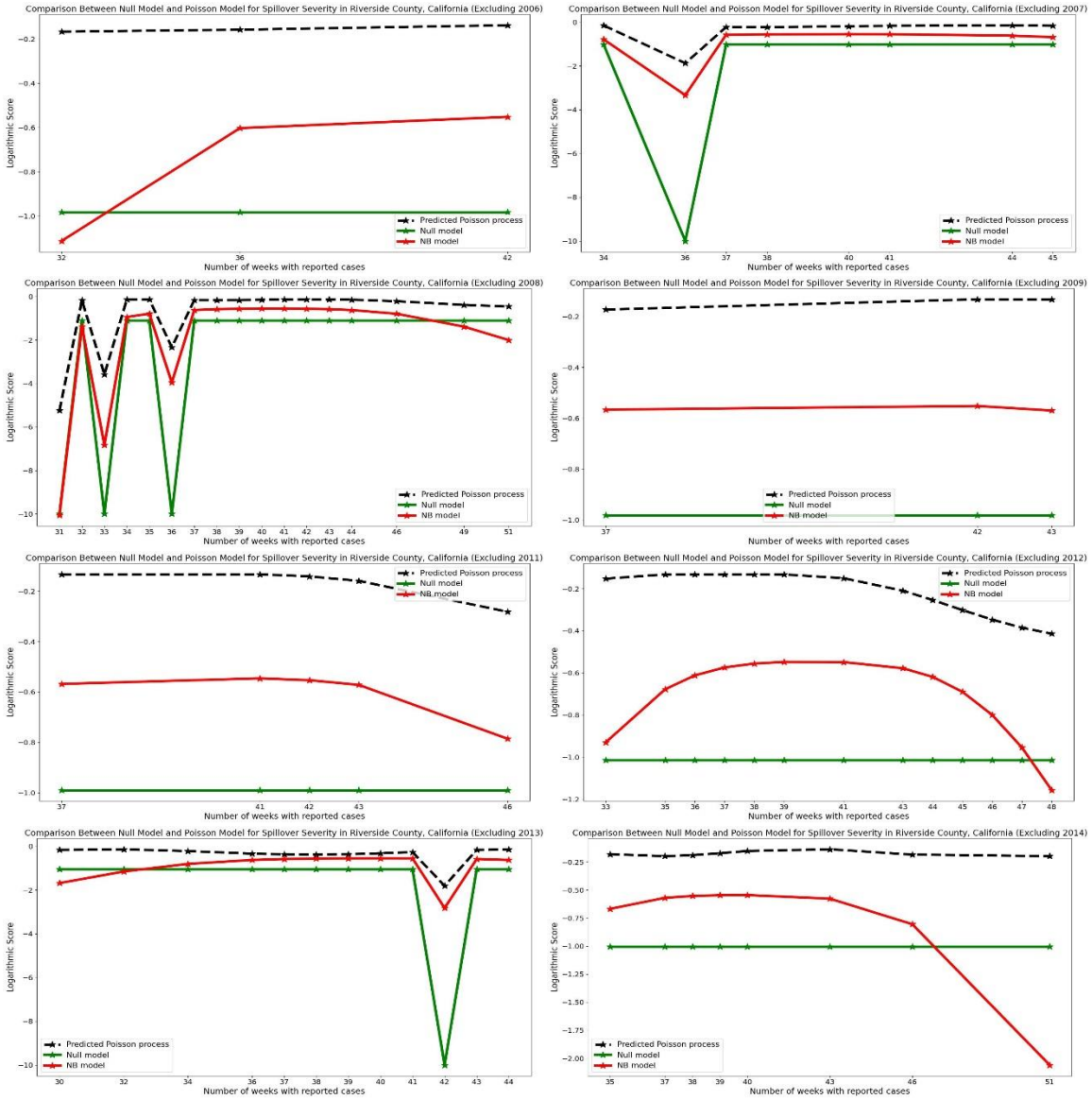


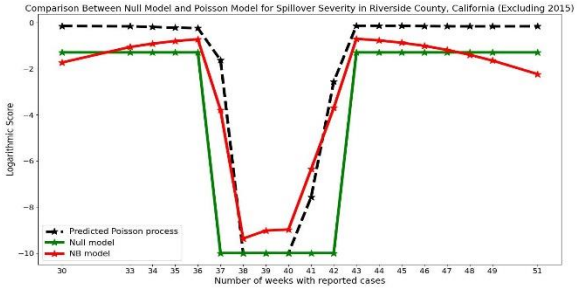


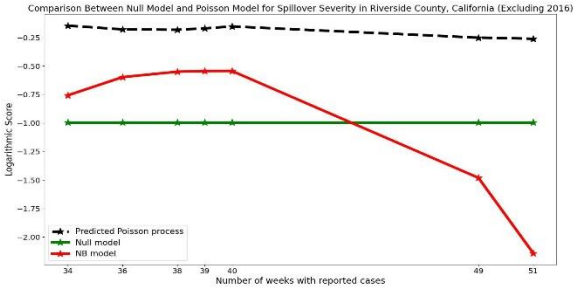
V-Leave-one-year-out cross validation for spillover severity prediction

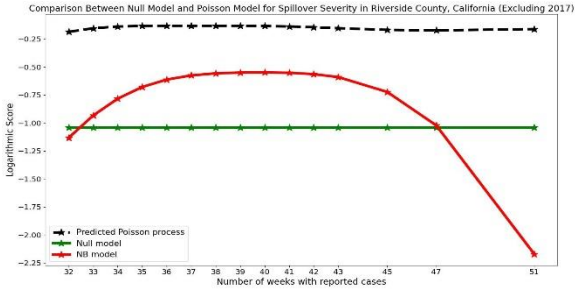
This section presents plots of the predicted Poisson distribution generated from the leave-one-year-out cross-validation for spillover severity prediction at time points with reported cases. The area under the curve corresponding to the bin containing the observed value is shaded in green. As described in the manuscript, the logarithm of this bin probability serves as the logarithmic score.

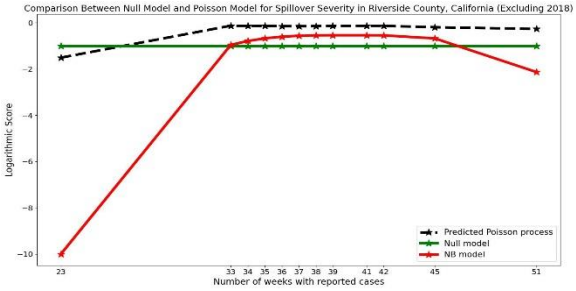
1.2.2.1 Logarithmic comparison of the models-Riverside County, California (2006-2024):

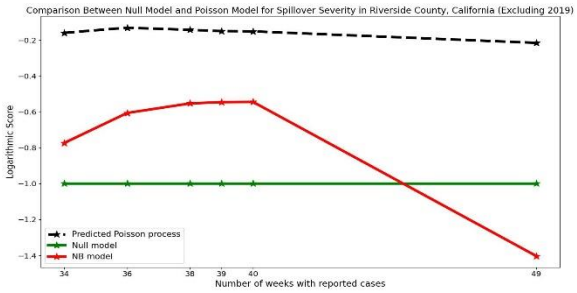


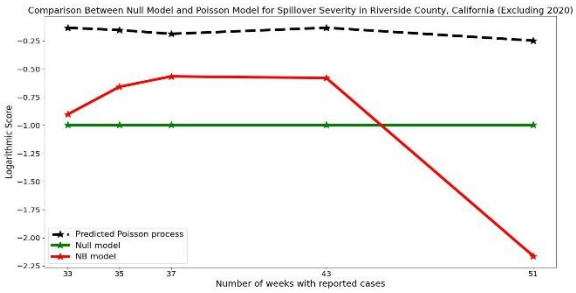

Comparison Between Null Model and Poisson Model for Spillover Severity in Riverside County, California (Excluding 2015)
Logarithmic Score
Number of weeks with reported cases
Predicted Poisson process
Null model
NB model

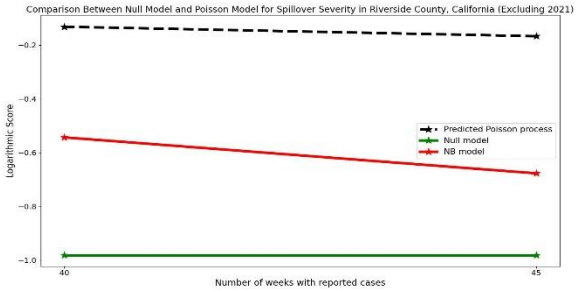

Comparison Between Null Model and Poisson Model for Spillover Severity in Riverside County, California (Excluding 2016)
Logarithmic Score
Number of weeks with reported cases
Predicted Poisson process
Null model
NB model

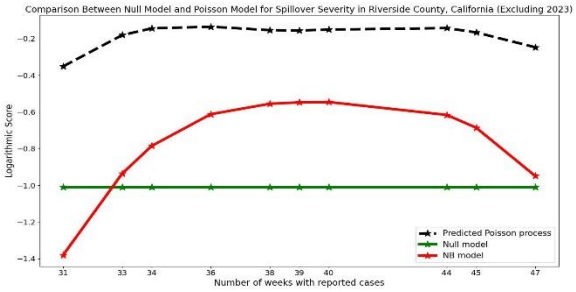

Comparison Between Null Model and Poisson Model for Spillover Severity in Riverside County, California (Excluding 2017)
Logarithmic Score
Number of weeks with reported cases
Predicted Poisson process
Null model
NB model

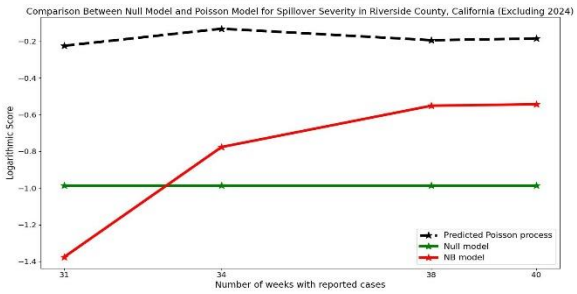

Comparison Between Null Model and Poisson Model for Spillover Severity in Riverside County, California (Excluding 2018)
Logarithmic Score
Number of weeks with reported cases
Predicted Poisson process
Null model
NB model


Comparison Between Null Model and Poisson Model for Spillover Severity in Riverside County, California (Excluding 2019)
Logarithmic Score
Number of weeks with reported cases
Predicted Poisson process
Null model
NB model

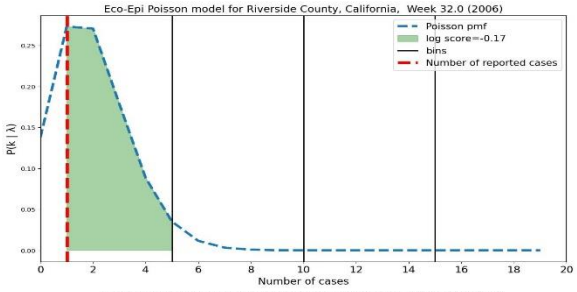

Comparison Between Null Model and Poisson Model for Spillover Severity in Riverside County, California (Excluding 2020)
Logarithmic Score
Number of weeks with reported cases
Predicted Poisson process
Null model
NB model

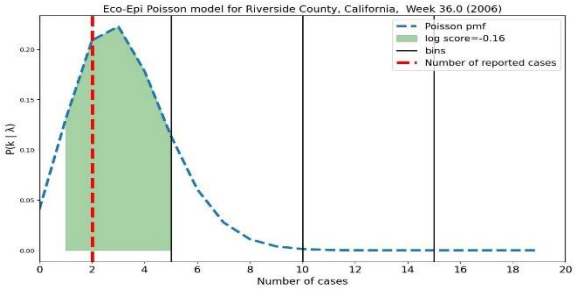

Comparison Between Null Model and Poisson Model for Spillover Severity in Riverside County, California (Excluding 2021)
Logarithmic Score
Number of weeks with reported cases
Predicted Poisson process
Null model
NB model

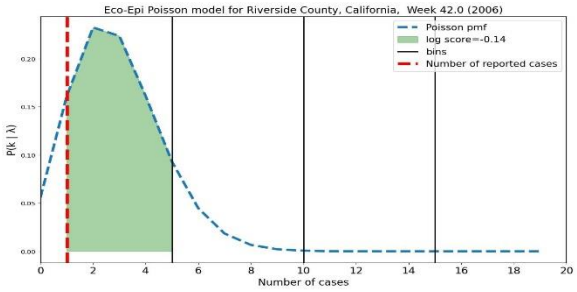

Comparison Between Null Model and Poisson Model for Spillover Severity in Riverside County, California (Excluding 2023)
Logarithmic Score
Number of weeks with reported cases
Predicted Poisson process
Null model
NB model


Comparison Between Null Model and Poisson Model for Spillover Severity in Riverside County, California (Excluding 2024)
Logarithmic Score
Number of weeks with reported cases
Predicted Poisson process
Null model
NB model

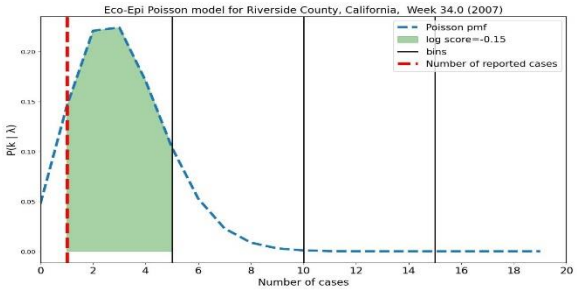
1.2.2.2 Predicted Poisson and NB pmfs and logarithmic score-Riverside County, California: 2006

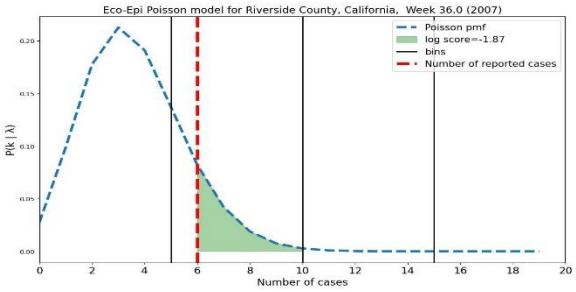


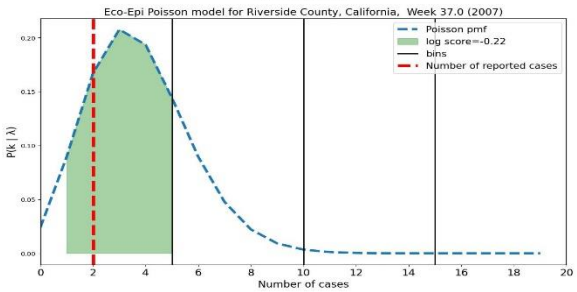


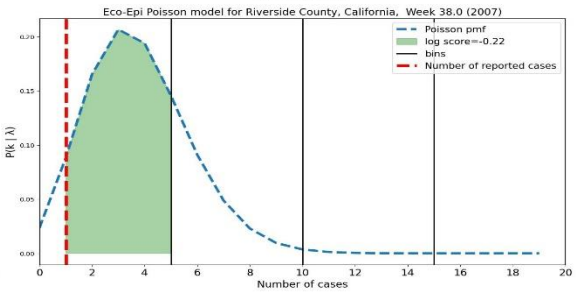


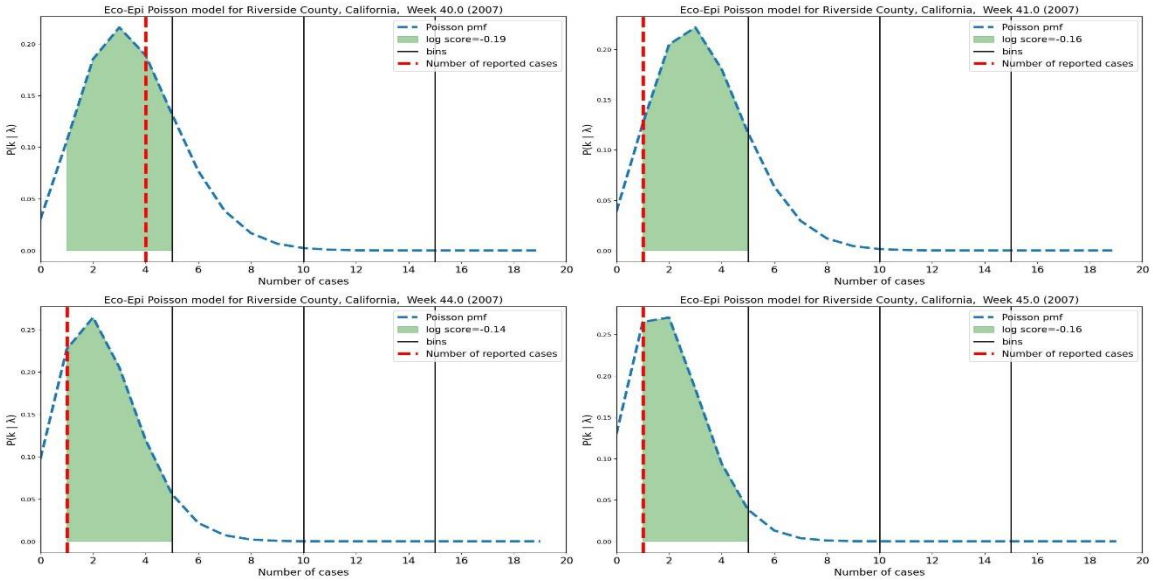
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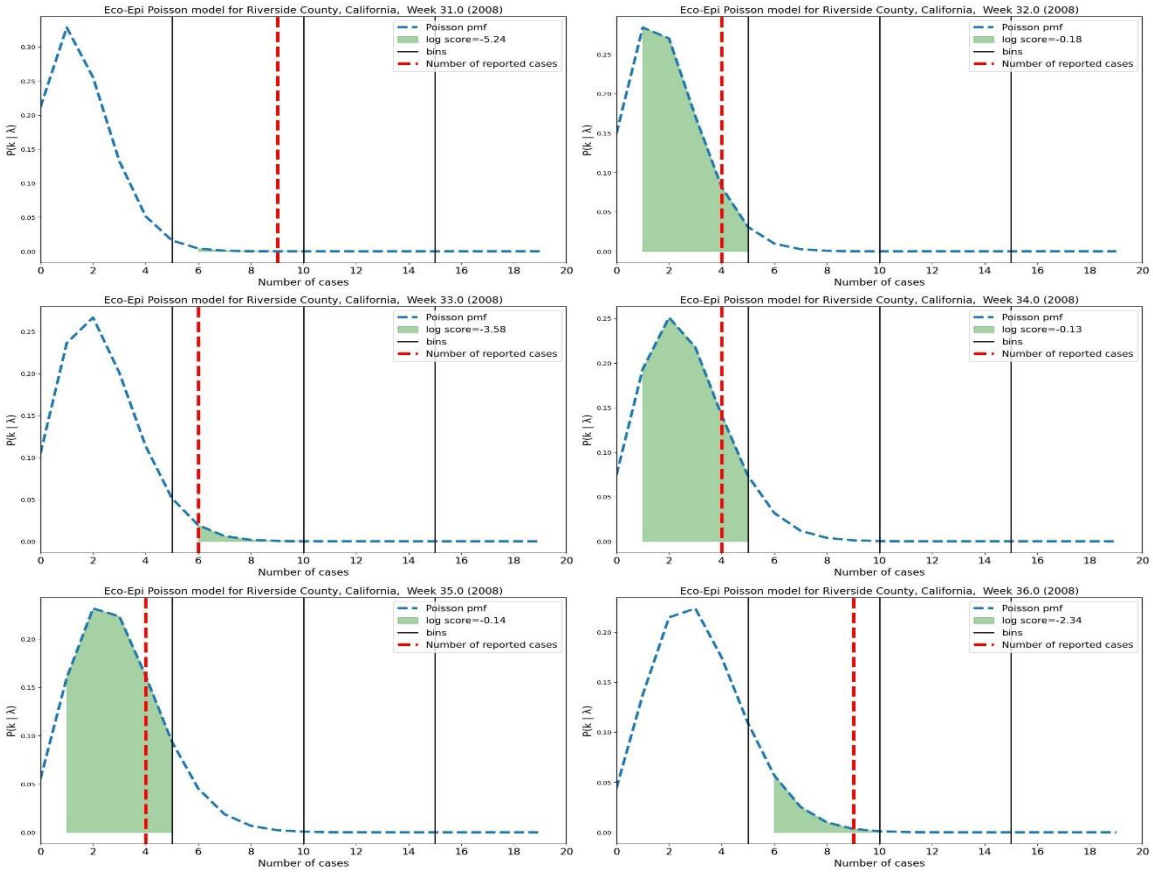


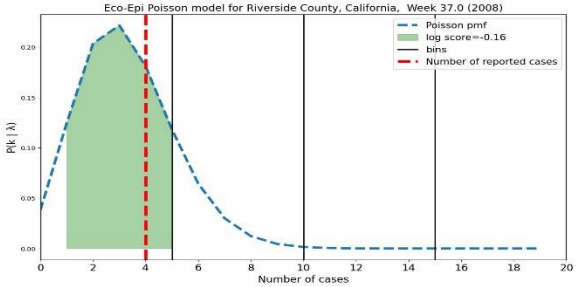


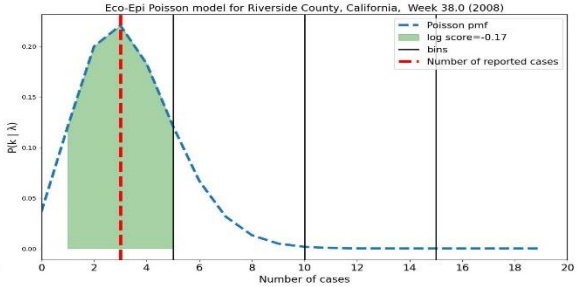


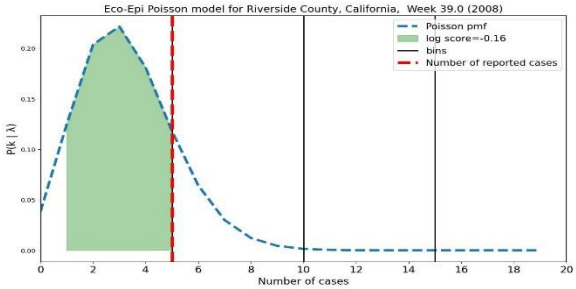

Eco-Epi Poisson model for Riverside County, California, Week 40.0 (2007)
Poisson pmf
log score=-0.19
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Riverside County, California, Week 41.0 (2007)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Riverside County, California, Week 44.0 (2007)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Riverside County, California, Week 45.0 (2007)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

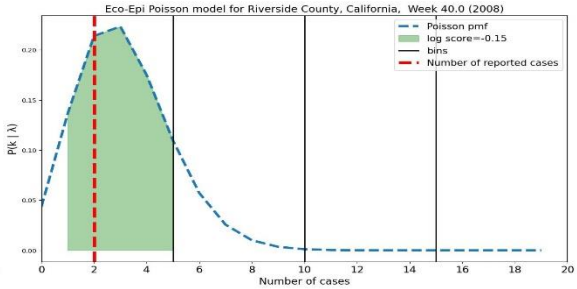
2008

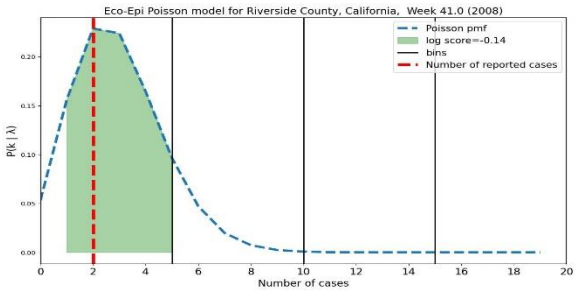

Eco-Epi Poisson model for Riverside County, California, Week 31.0 (2008)
Poisson pmf
log score=-5.24
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Riverside County, California, Week 32.0 (2008)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Riverside County, California, Week 33.0 (2008)
Poisson pmf
log score=-3.58
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Riverside County, California, Week 34.0 (2008)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Riverside County, California, Week 35.0 (2008)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Riverside County, California, Week 36.0 (2008)
Poisson pmf
log score=-2.34
bins
Number of reported cases
P(k | λ)
Number of cases

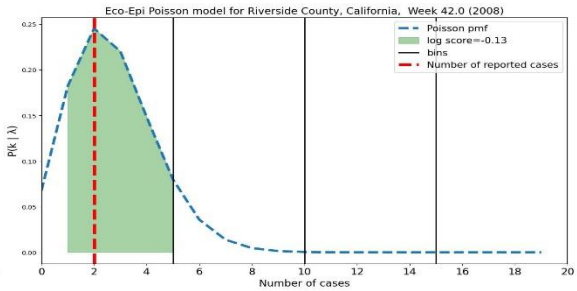

Eco-Epi Poisson model for Riverside County, California, Week 37.0 (2008)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

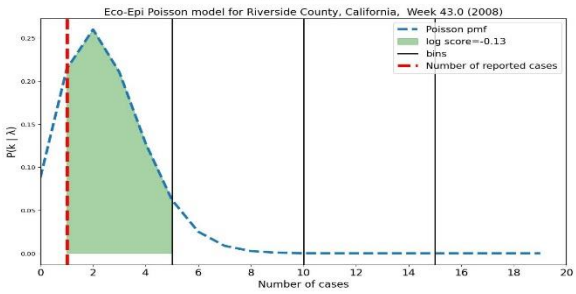

Eco-Epi Poisson model for Riverside County, California, Week 38.0 (2008)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

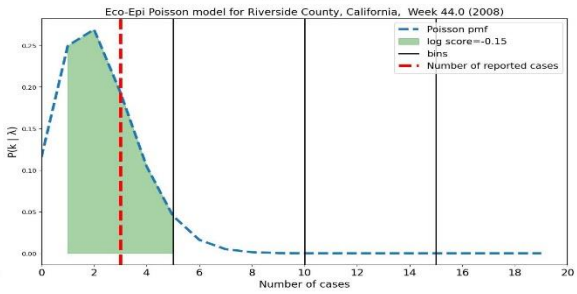

Eco-Epi Poisson model for Riverside County, California, Week 39.0 (2008)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

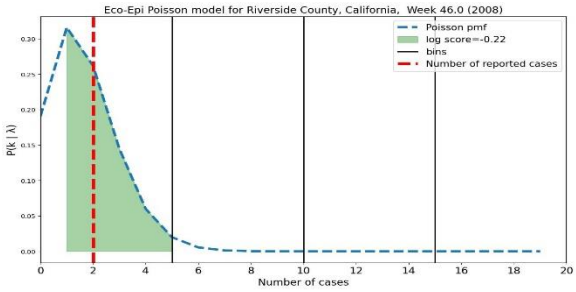

Eco-Epi Poisson model for Riverside County, California, Week 40.0 (2008)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

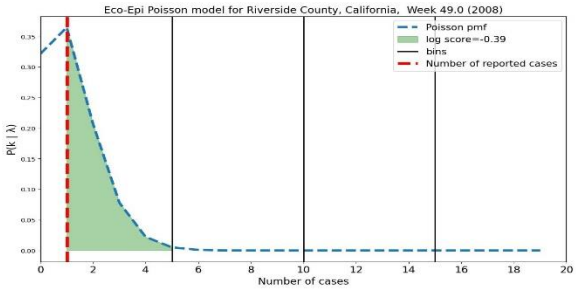

Eco-Epi Poisson model for Riverside County, California, Week 41.0 (2008)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

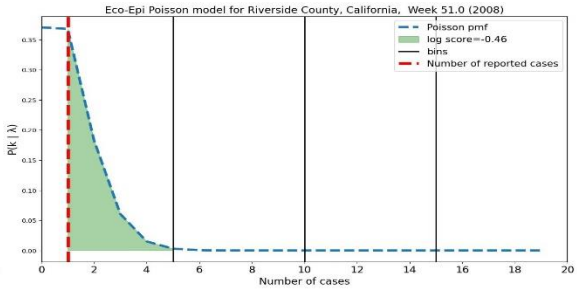

Eco-Epi Poisson model for Riverside County, California, Week 42.0 (2008)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Riverside County, California, Week 43.0 (2008)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

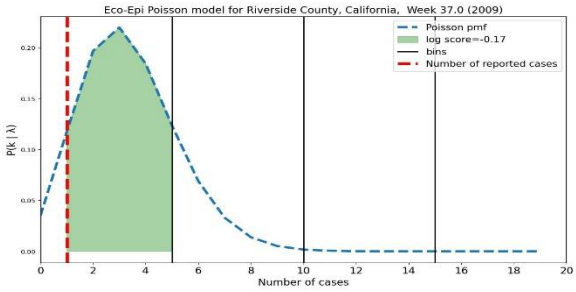

Eco-Epi Poisson model for Riverside County, California, Week 44.0 (2008)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

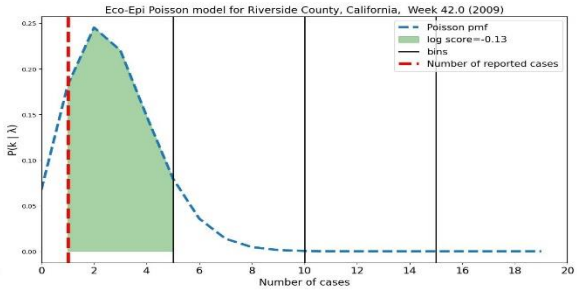

Eco-Epi Poisson model for Riverside County, California, Week 46.0 (2008)
Poisson pmf
log score=-0.22
bins
Number of reported cases
P(k | λ)
Number of cases

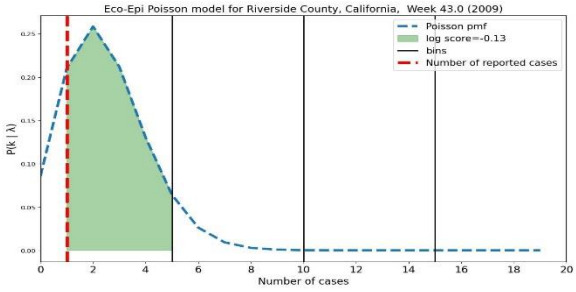

Eco-Epi Poisson model for Riverside County, California, Week 49.0 (2008)
Poisson pmf
log score=-0.39
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Riverside County, California, Week 51.0 (2008)
Poisson pmf
log score=-0.46
bins
Number of reported cases
P(k | λ)
Number of cases

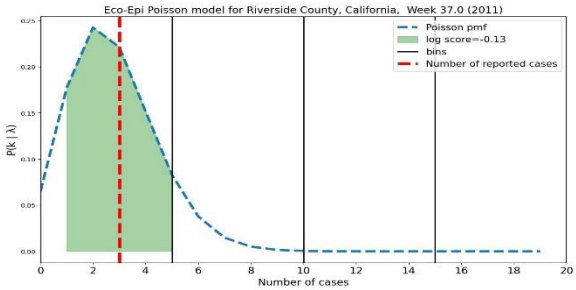
2009

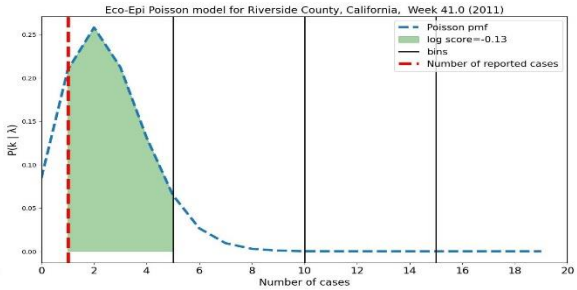

Eco-Epi Poisson model for Riverside County, California, Week 37.0 (2009)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

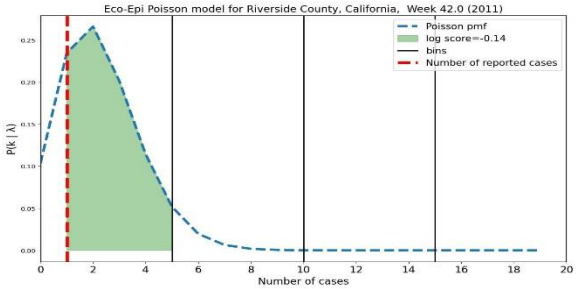

Eco-Epi Poisson model for Riverside County, California, Week 42.0 (2009)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

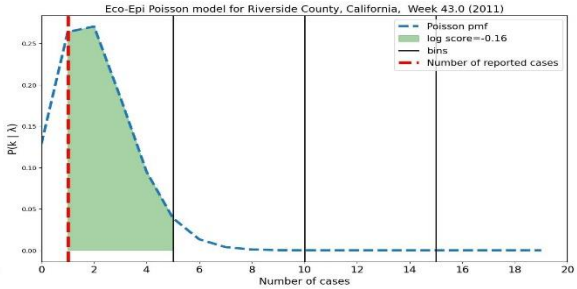

Eco-Epi Poisson model for Riverside County, California, Week 43.0 (2009)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

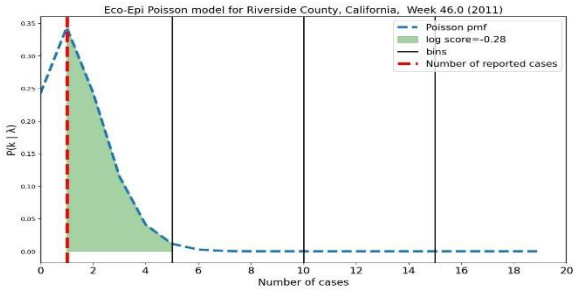
2011


Eco-Epi Poisson model for Riverside County, California, Week 37.0 (2011)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

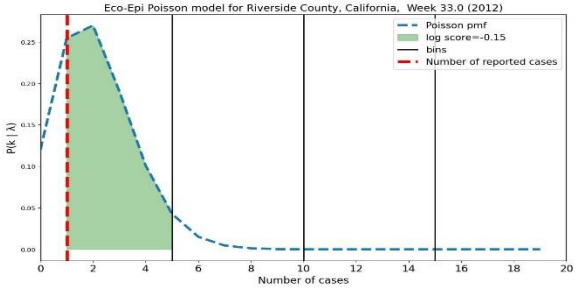

Eco-Epi Poisson model for Riverside County, California, Week 41.0 (2011)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

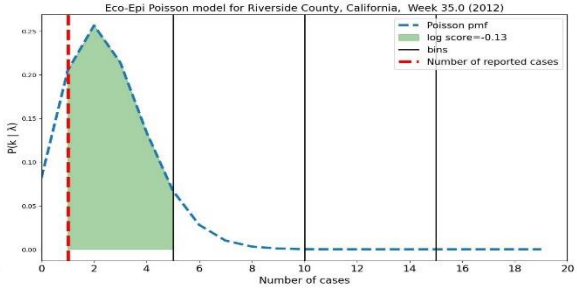

Eco-Epi Poisson model for Riverside County, California, Week 42.0 (2011)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

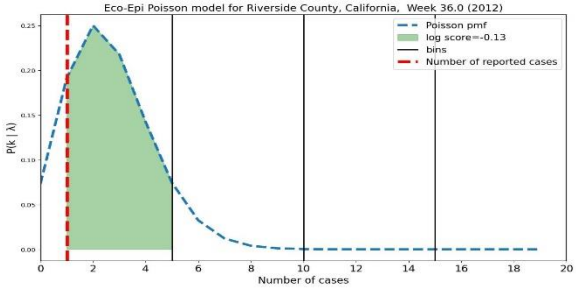

Eco-Epi Poisson model for Riverside County, California, Week 43.0 (2011)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

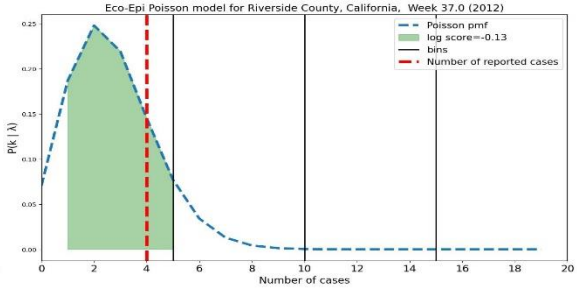

Eco-Epi Poisson model for Riverside County, California, Week 46.0 (2011)
Poisson pmf
log score=-0.28
bins
Number of reported cases
P(k | λ)
Number of cases

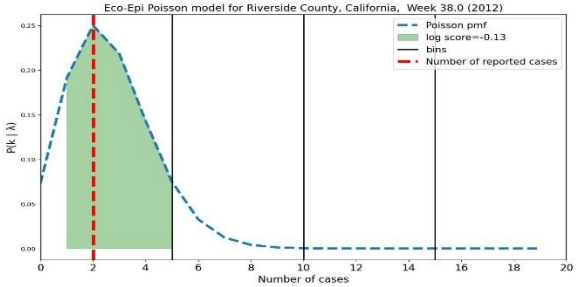
2012

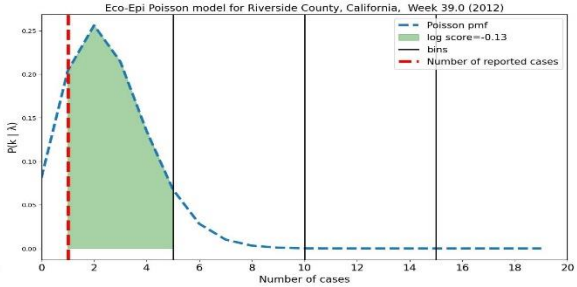

Eco-Epi Poisson model for Riverside County, California, Week 33.0 (2012)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

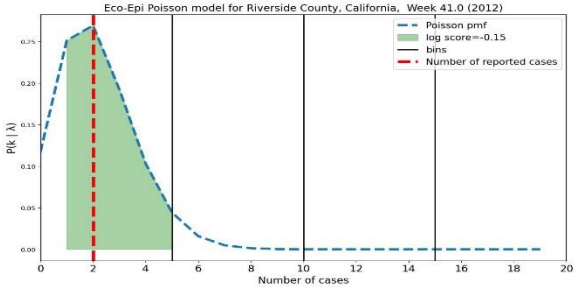

Eco-Epi Poisson model for Riverside County, California, Week 35.0 (2012)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

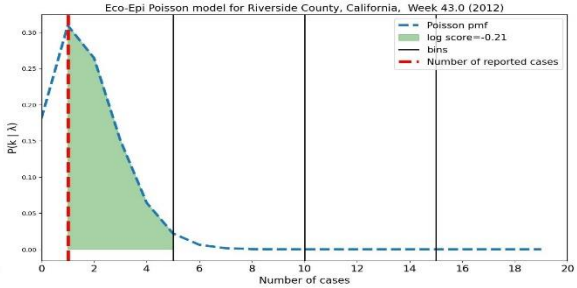

Eco-Epi Poisson model for Riverside County, California, Week 36.0 (2012)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

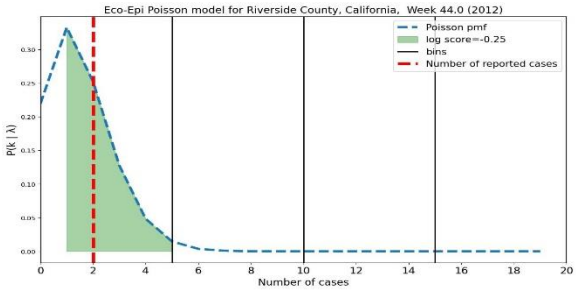

Eco-Epi Poisson model for Riverside County, California, Week 37.0 (2012)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

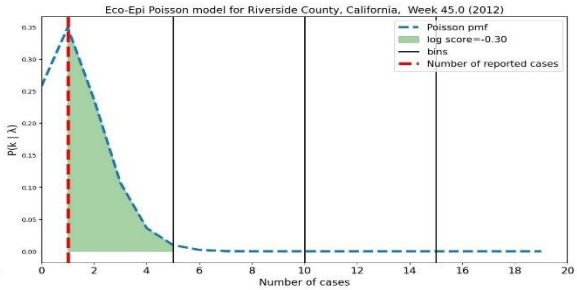

Eco-Epi Poisson model for Riverside County, California, Week 38.0 (2012)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

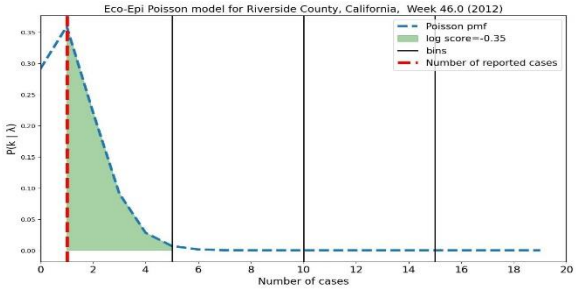

Eco-Epi Poisson model for Riverside County, California, Week 39.0 (2012)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

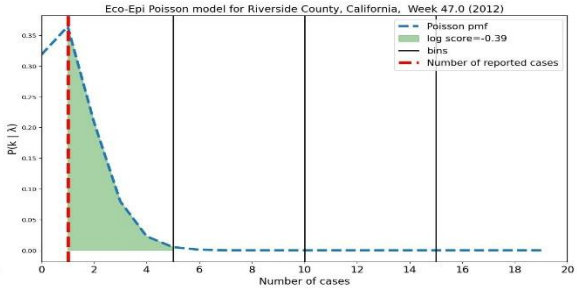

Eco-Epi Poisson model for Riverside County, California, Week 41.0 (2012)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

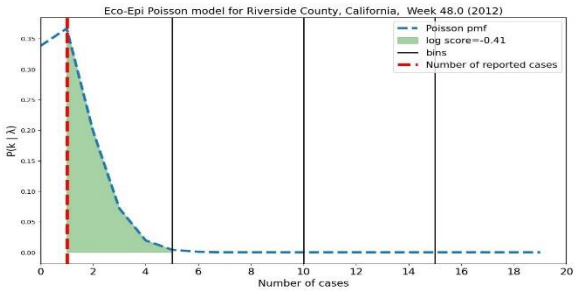

Eco-Epi Poisson model for Riverside County, California, Week 43.0 (2012)
Poisson pmf
log score=-0.21
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Riverside County, California, Week 44.0 (2012)
Poisson pmf
log score=-0.25
bins
Number of reported cases
P(k | λ)
Number of cases

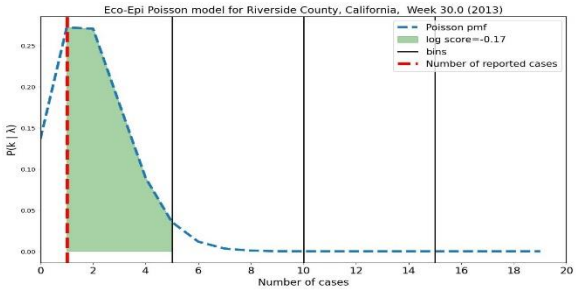

Eco-Epi Poisson model for Riverside County, California, Week 45.0 (2012)
Poisson pmf
log score=-0.30
bins
Number of reported cases
P(k | λ)
Number of cases

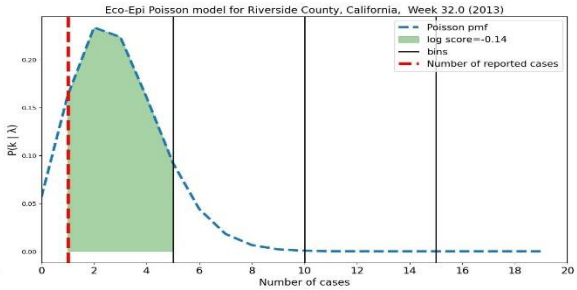

Eco-Epi Poisson model for Riverside County, California, Week 46.0 (2012)
Poisson pmf
log score=-0.35
bins
Number of reported cases
P(k | λ)
Number of cases

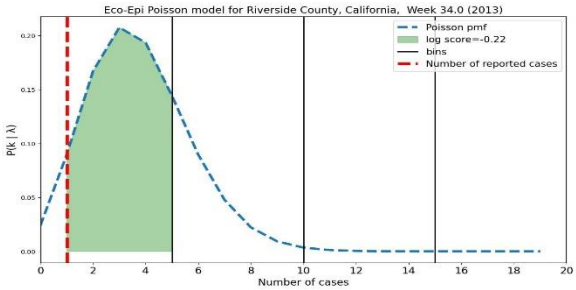

Eco-Epi Poisson model for Riverside County, California, Week 47.0 (2012)
Poisson pmf
log score=-0.39
bins
Number of reported cases
P(k | λ)
Number of cases

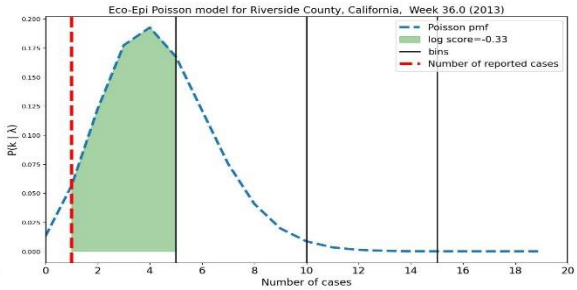

Eco-Epi Poisson model for Riverside County, California, Week 48.0 (2012)
Poisson pmf
log score=-0.41
bins
Number of reported cases
P(k | λ)
Number of cases

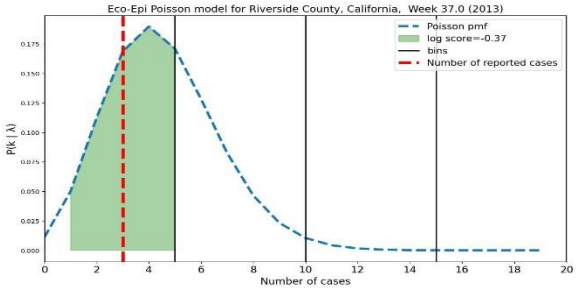
2013

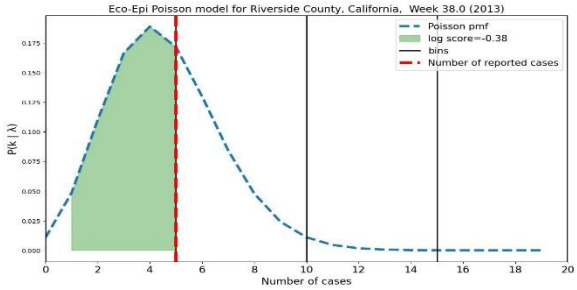

Eco-Epi Poisson model for Riverside County, California, Week 30.0 (2013)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

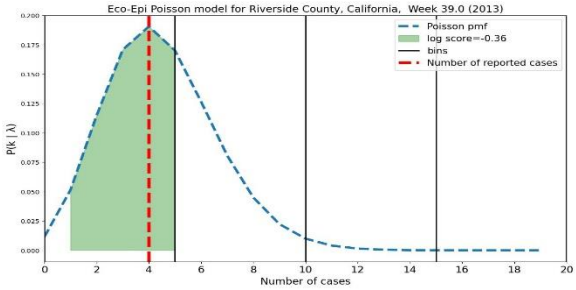

Eco-Epi Poisson model for Riverside County, California, Week 32.0 (2013)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

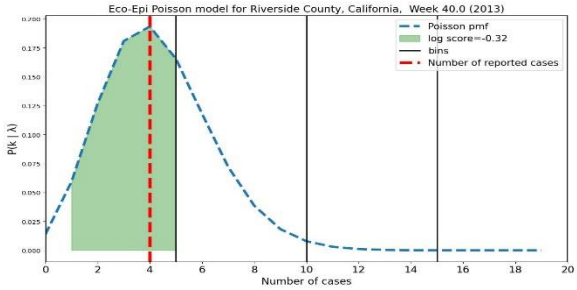

Eco-Epi Poisson model for Riverside County, California, Week 34.0 (2013)
Poisson pmf
log score=-0.22
bins
Number of reported cases
P(k | λ)
Number of cases

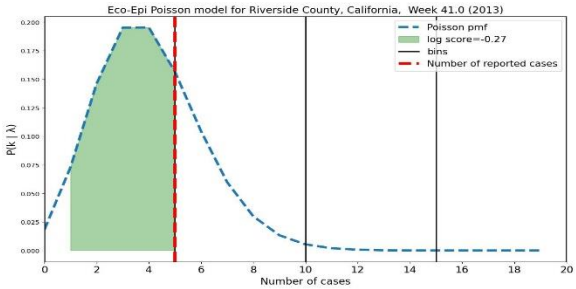

Eco-Epi Poisson model for Riverside County, California, Week 36.0 (2013)
Poisson pmf
log score=-0.33
bins
Number of reported cases
P(k | λ)
Number of cases

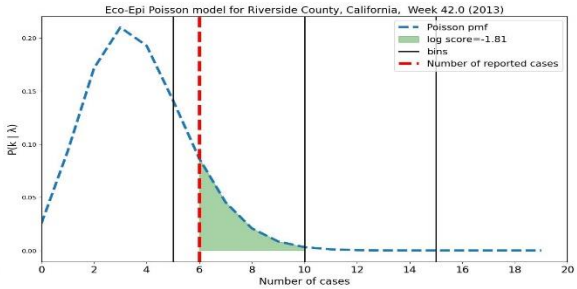

Eco-Epi Poisson model for Riverside County, California, Week 37.0 (2013)
Poisson pmf
log score=-0.37
bins
Number of reported cases
P(k | λ)
Number of cases

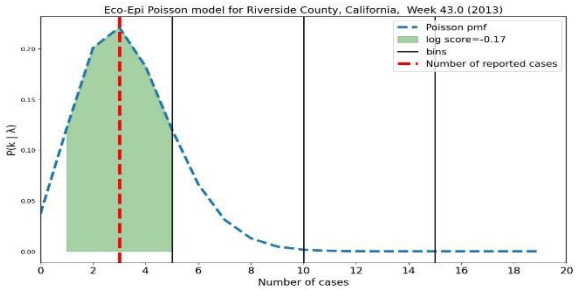

Eco-Epi Poisson model for Riverside County, California, Week 38.0 (2013)
Poisson pmf
log score=-0.38
bins
Number of reported cases
P(k | λ)
Number of cases

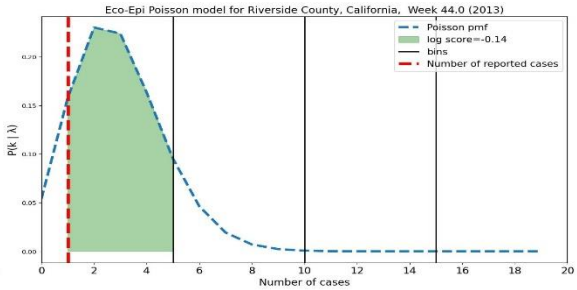

Eco-Epi Poisson model for Riverside County, California, Week 39.0 (2013)
Poisson pmf
log score=-0.36
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Riverside County, California, Week 40.0 (2013)
Poisson pmf
log score=-0.32
bins
Number of reported cases
P(k | λ)
Number of cases

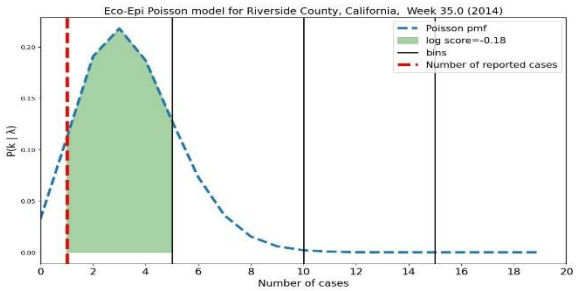

Eco-Epi Poisson model for Riverside County, California, Week 41.0 (2013)
Poisson pmf
log score=-0.27
bins
Number of reported cases
P(k | λ)
Number of cases

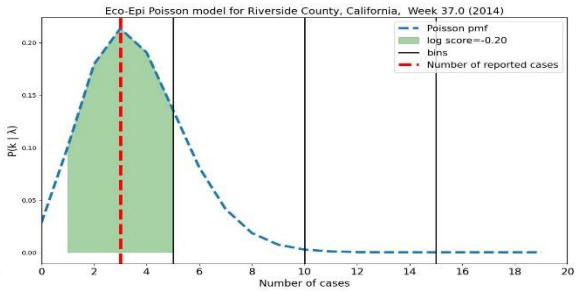

Eco-Epi Poisson model for Riverside County, California, Week 42.0 (2013)
Poisson pmf
log score=-1.81
bins
Number of reported cases
P(k | λ)
Number of cases

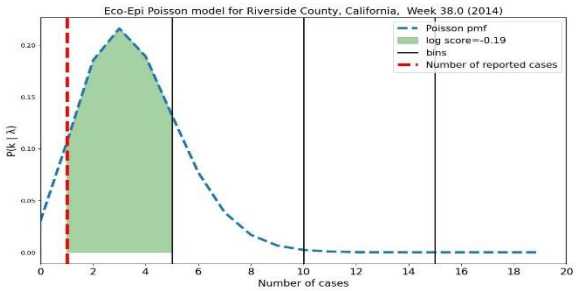

Eco-Epi Poisson model for Riverside County, California, Week 43.0 (2013)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

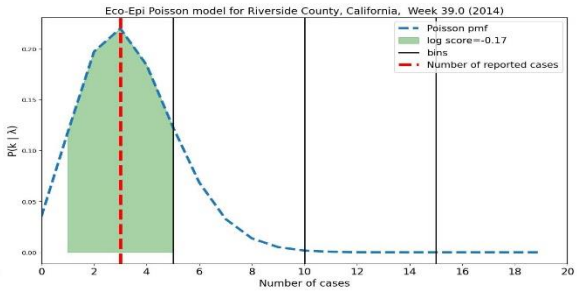

Eco-Epi Poisson model for Riverside County, California, Week 44.0 (2013)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

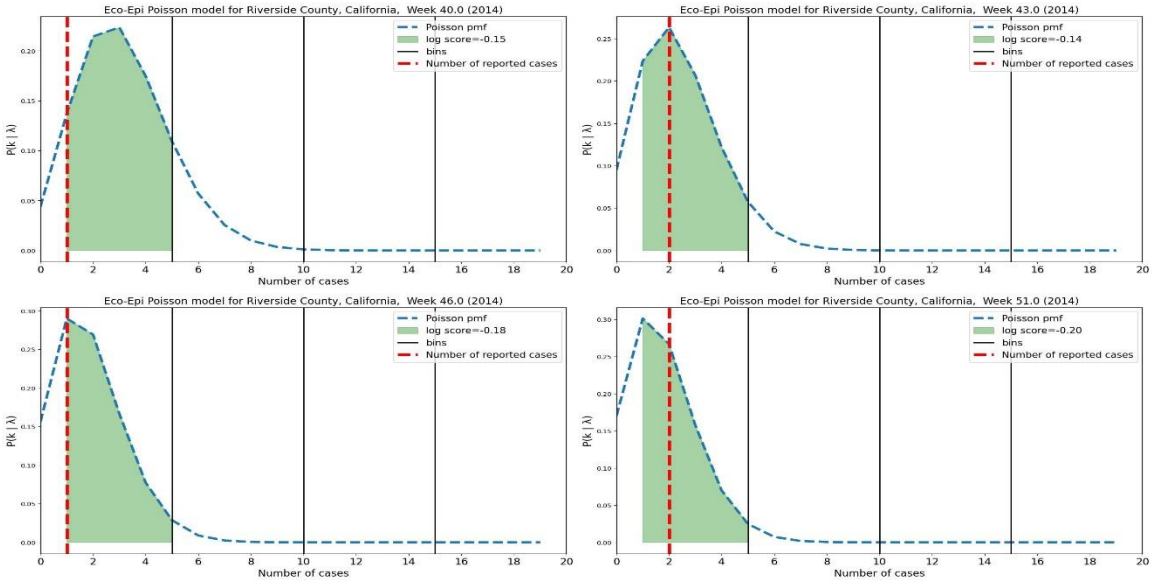
2014


Eco-Epi Poisson model for Riverside County, California, Week 35.0 (2014)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases

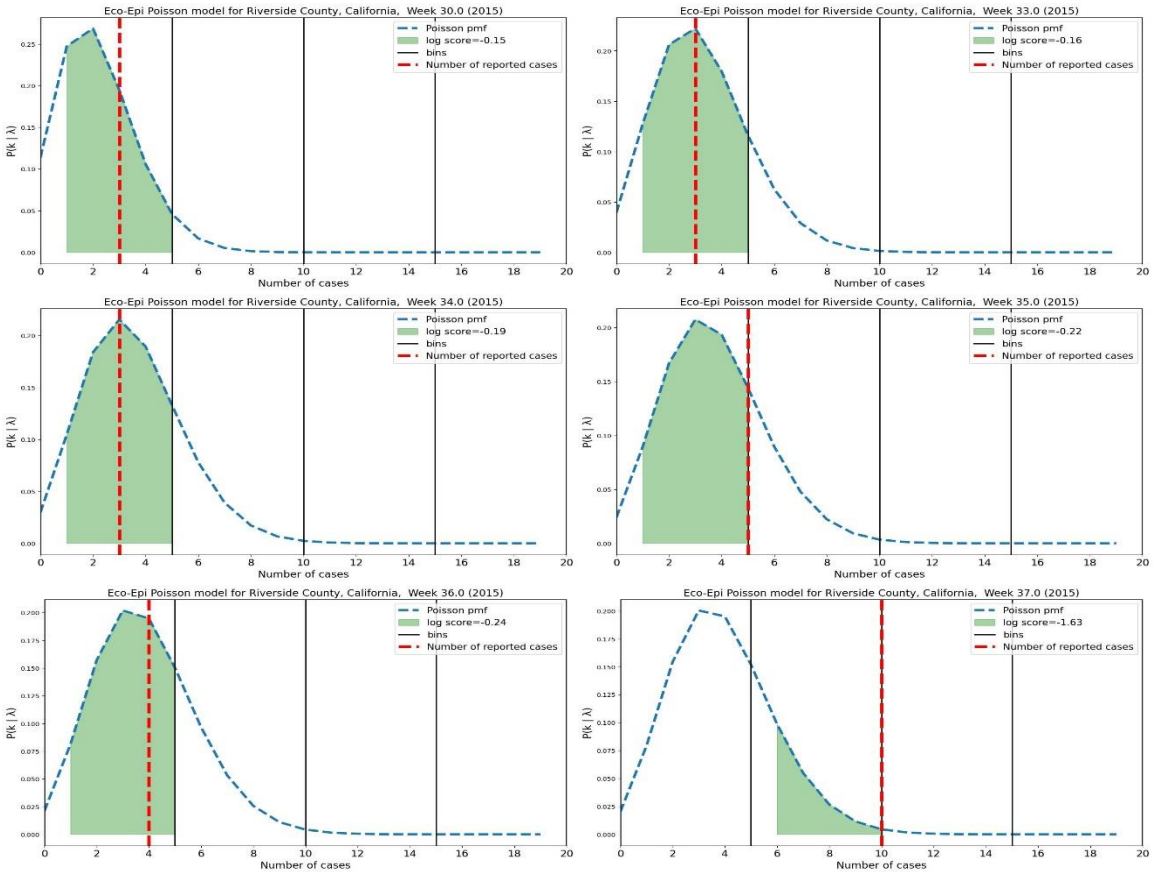

Eco-Epi Poisson model for Riverside County, California, Week 37.0 (2014)
Poisson pmf
log score=-0.20
bins
Number of reported cases
P(k | λ)
Number of cases

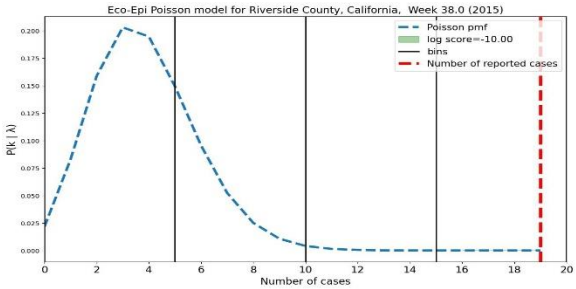

Eco-Epi Poisson model for Riverside County, California, Week 38.0 (2014)
Poisson pmf
log score=-0.19
bins
Number of reported cases
P(k | λ)
Number of cases

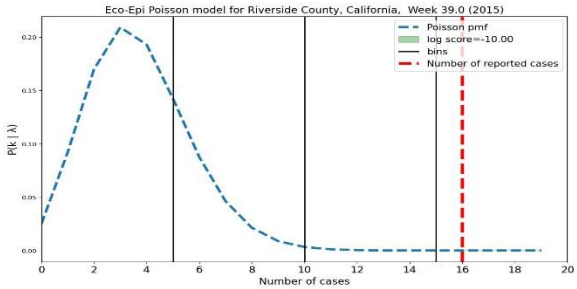

Eco-Epi Poisson model for Riverside County, California, Week 39.0 (2014)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

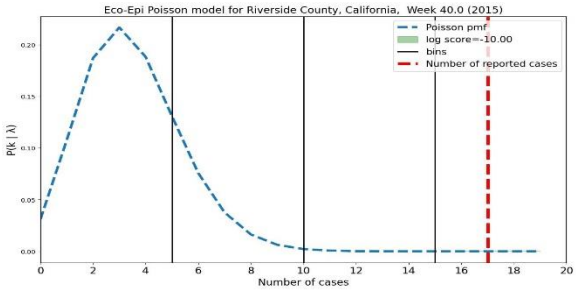

Eco-Epi Poisson model for Riverside County, California, Week 40.0 (2014)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Riverside County, California, Week 43.0 (2014)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Riverside County, California, Week 46.0 (2014)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Riverside County, California, Week 51.0 (2014)
Poisson pmf
log score=-0.20
bins
Number of reported cases
P(k | λ)
Number of cases

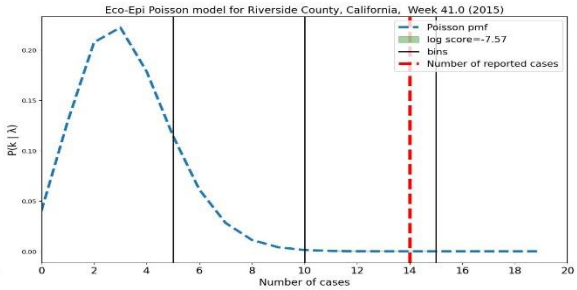
2015

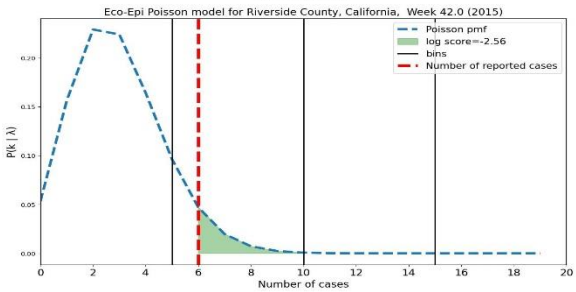

Eco-Epi Poisson model for Riverside County, California, Week 30.0 (2015)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Riverside County, California, Week 33.0 (2015)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Riverside County, California, Week 34.0 (2015)
Poisson pmf
log score=-0.19
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Riverside County, California, Week 35.0 (2015)
Poisson pmf
log score=-0.22
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Riverside County, California, Week 36.0 (2015)
Poisson pmf
log score=-0.24
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Riverside County, California, Week 37.0 (2015)
Poisson pmf
log score=-1.63
bins
Number of reported cases
P(k | λ)
Number of cases

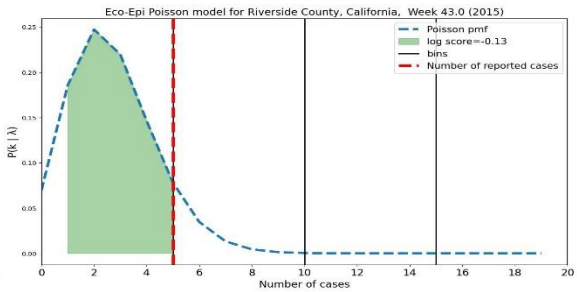

Eco-Epi Poisson model for Riverside County, California, Week 38.0 (2015)
Poisson pmf
log score=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

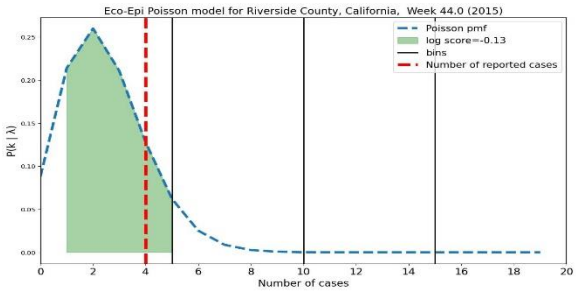

Eco-Epi Poisson model for Riverside County, California, Week 39.0 (2015)
Poisson pmf
log score=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

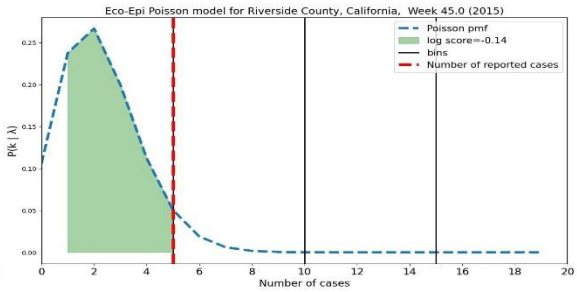

Eco-Epi Poisson model for Riverside County, California, Week 40.0 (2015)
Poisson pmf
log score=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

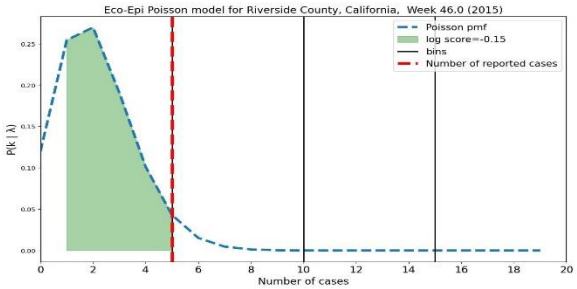

Eco-Epi Poisson model for Riverside County, California, Week 41.0 (2015)
Poisson pmf
log score=-7.57
bins
Number of reported cases
P(k | λ)
Number of cases

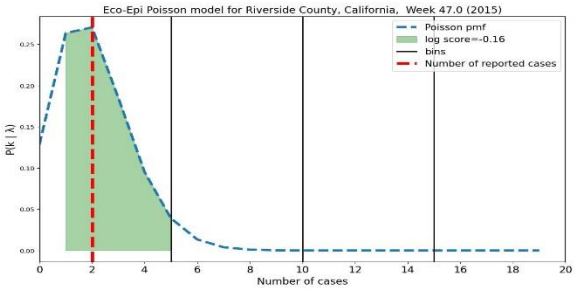

Eco-Epi Poisson model for Riverside County, California, Week 42.0 (2015)
Poisson pmf
log score=-2.56
bins
Number of reported cases
P(k | λ)
Number of cases

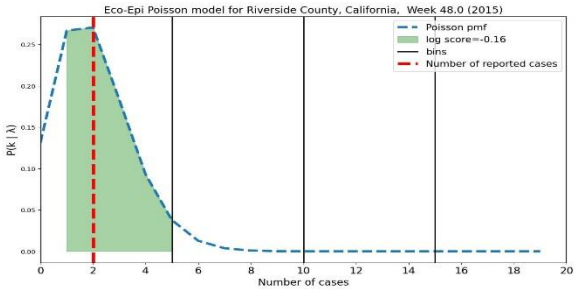

Eco-Epi Poisson model for Riverside County, California, Week 43.0 (2015)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Riverside County, California, Week 44.0 (2015)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

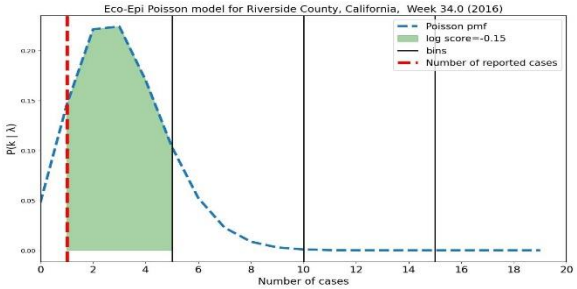

Eco-Epi Poisson model for Riverside County, California, Week 45.0 (2015)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

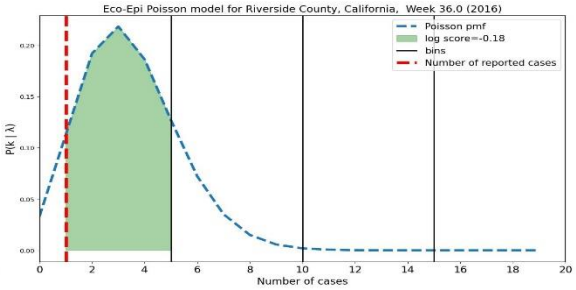

Eco-Epi Poisson model for Riverside County, California, Week 46.0 (2015)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

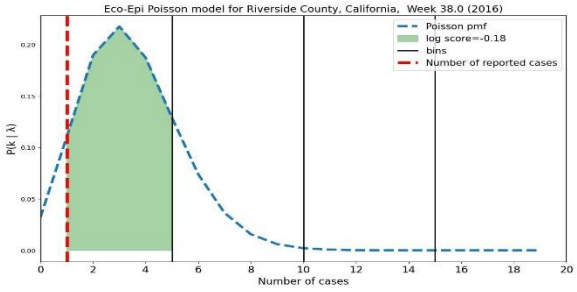

Eco-Epi Poisson model for Riverside County, California, Week 47.0 (2015)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

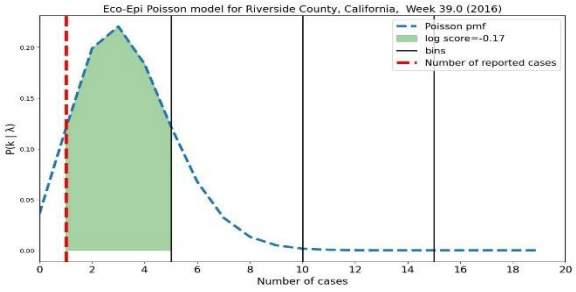

Eco-Epi Poisson model for Riverside County, California, Week 48.0 (2015)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

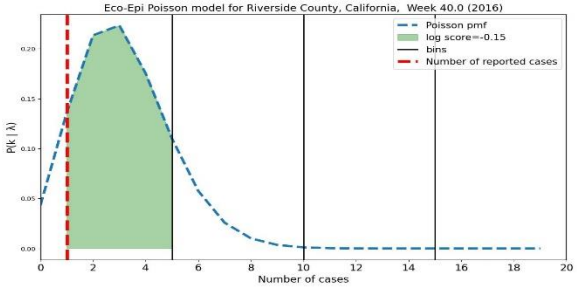
2016

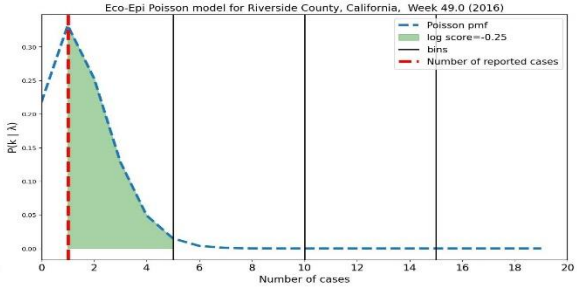

Eco-Epi Poisson model for Riverside County, California, Week 34.0 (2016)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

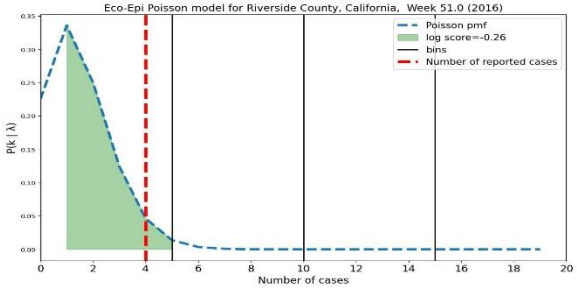

Eco-Epi Poisson model for Riverside County, California, Week 36.0 (2016)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Riverside County, California, Week 38.0 (2016)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases

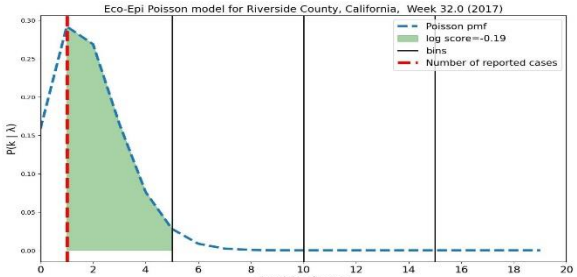

Eco-Epi Poisson model for Riverside County, California, Week 39.0 (2016)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

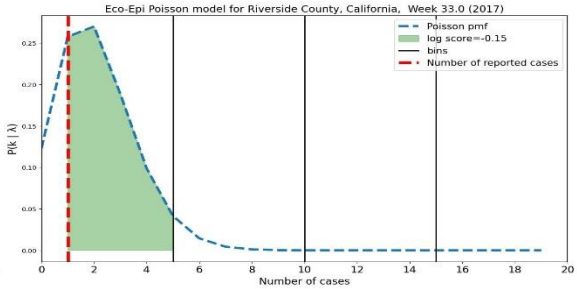

Eco-Epi Poisson model for Riverside County, California, Week 40.0 (2016)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

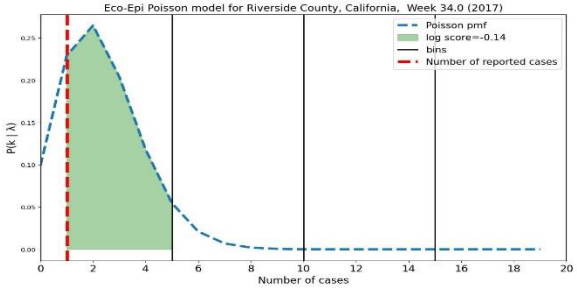

Eco-Epi Poisson model for Riverside County, California, Week 49.0 (2016)
Poisson pmf
log score=-0.25
bins
Number of reported cases
P(k | λ)
Number of cases

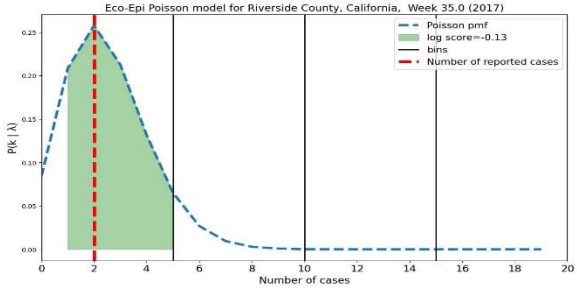

Eco-Epi Poisson model for Riverside County, California, Week 51.0 (2016)
Poisson pmf
log score=-0.26
bins
Number of reported cases
P(k | λ)
Number of cases

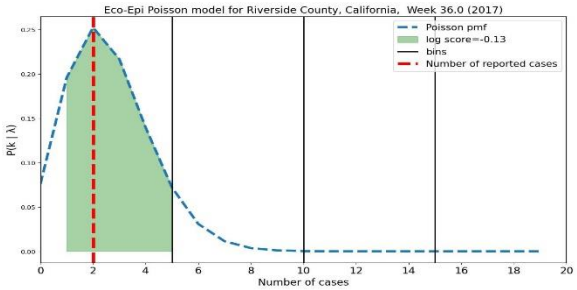
2017

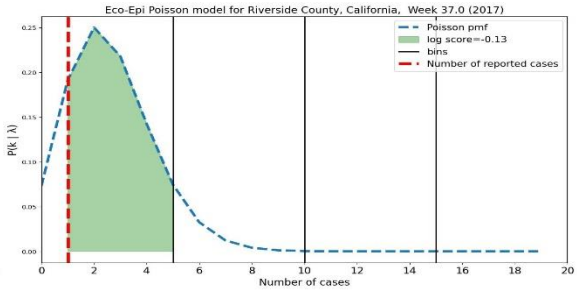

Eco-Epi Poisson model for Riverside County, California, Week 32.0 (2017)
Poisson pmf
log score=-0.19
bins
Number of reported cases
P(k | λ)
Number of cases

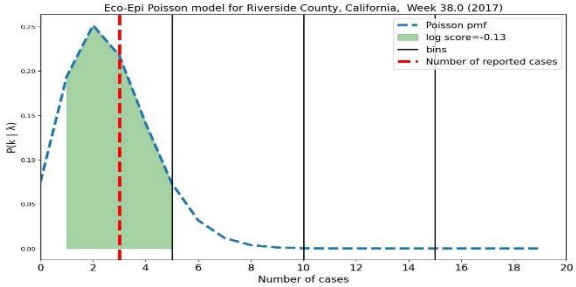

Eco-Epi Poisson model for Riverside County, California, Week 33.0 (2017)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

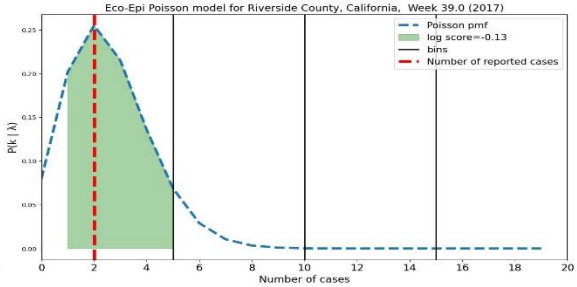

Eco-Epi Poisson model for Riverside County, California, Week 34.0 (2017)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

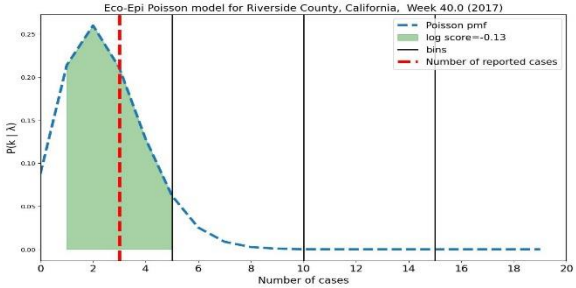

Eco-Epi Poisson model for Riverside County, California, Week 35.0 (2017)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

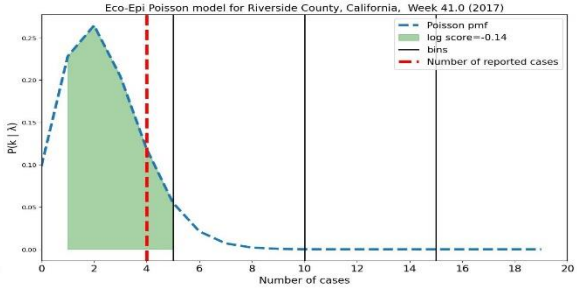

Eco-Epi Poisson model for Riverside County, California, Week 36.0 (2017)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

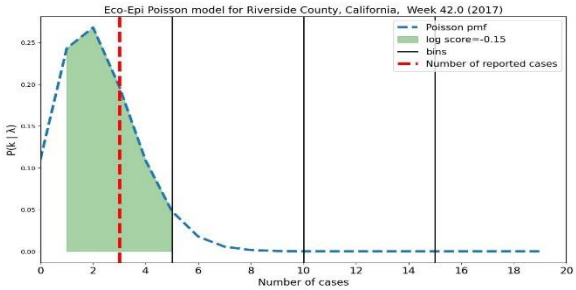

Eco-Epi Poisson model for Riverside County, California, Week 37.0 (2017)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

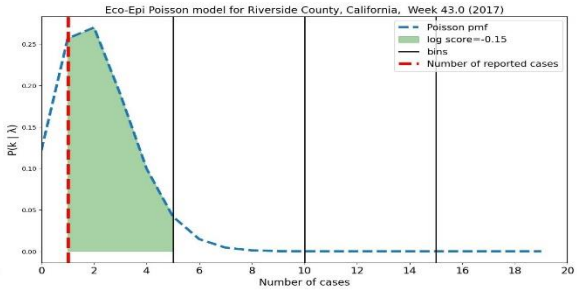

Eco-Epi Poisson model for Riverside County, California, Week 38.0 (2017)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

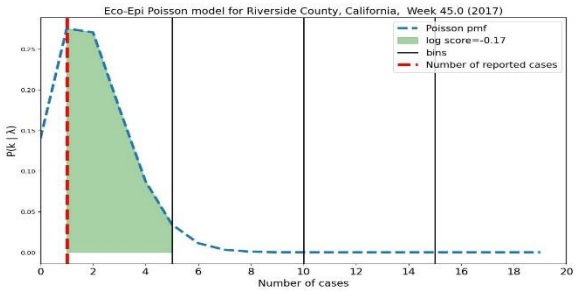

Eco-Epi Poisson model for Riverside County, California, Week 39.0 (2017)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

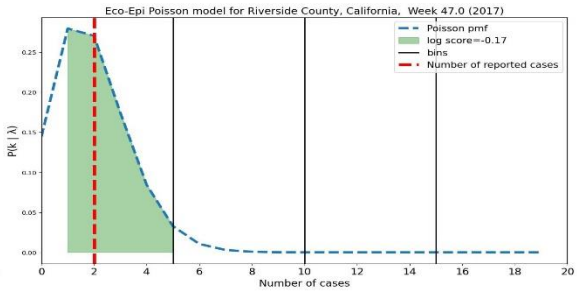

Eco-Epi Poisson model for Riverside County, California, Week 40.0 (2017)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

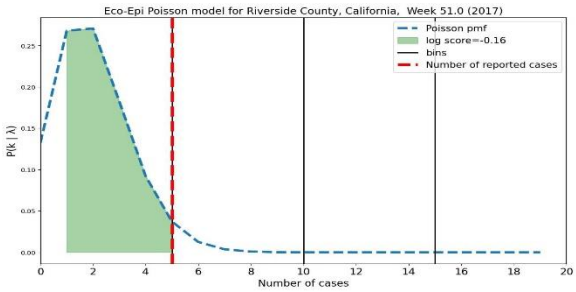

Eco-Epi Poisson model for Riverside County, California, Week 41.0 (2017)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Riverside County, California, Week 42.0 (2017)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

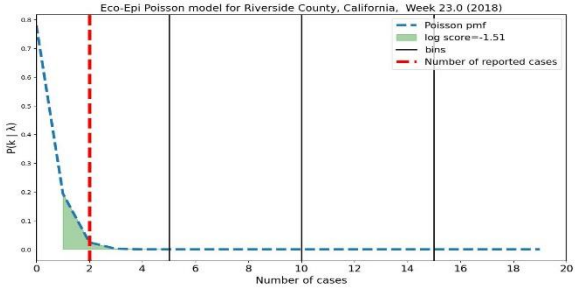

Eco-Epi Poisson model for Riverside County, California, Week 43.0 (2017)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

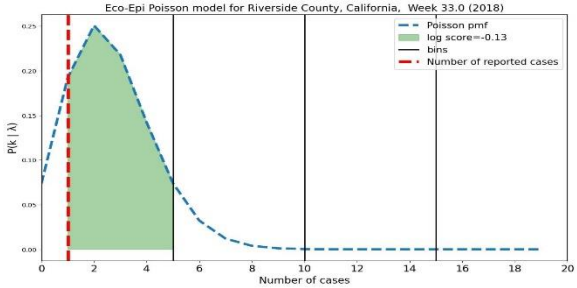

Eco-Epi Poisson model for Riverside County, California, Week 45.0 (2017)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

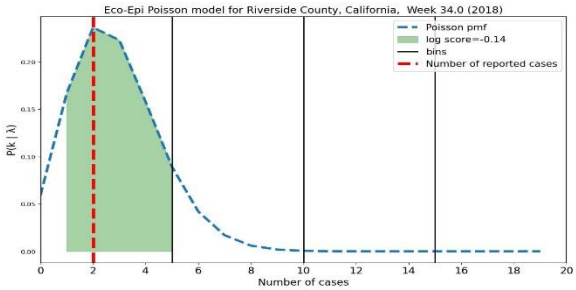

Eco-Epi Poisson model for Riverside County, California, Week 47.0 (2017)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

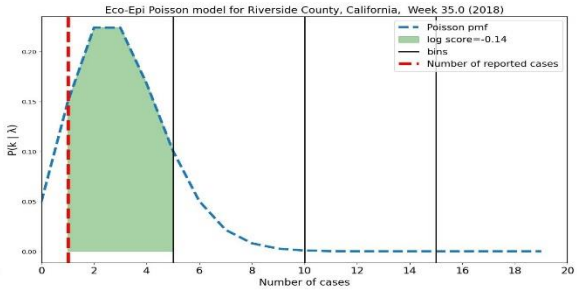

Eco-Epi Poisson model for Riverside County, California, Week 51.0 (2017)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

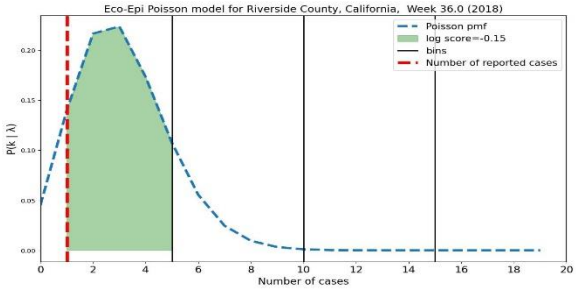
2018

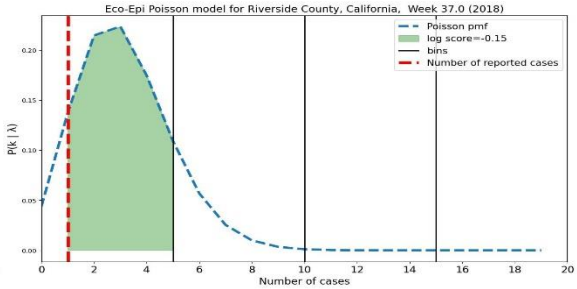

Eco-Epi Poisson model for Riverside County, California, Week 23.0 (2018)
Poisson pmf
log score=-1.51
bins
Number of reported cases
P(k | λ)
Number of cases

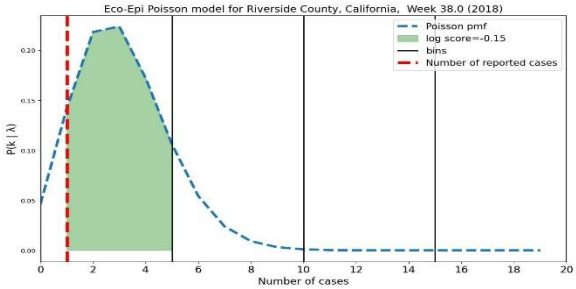

Eco-Epi Poisson model for Riverside County, California, Week 33.0 (2018)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

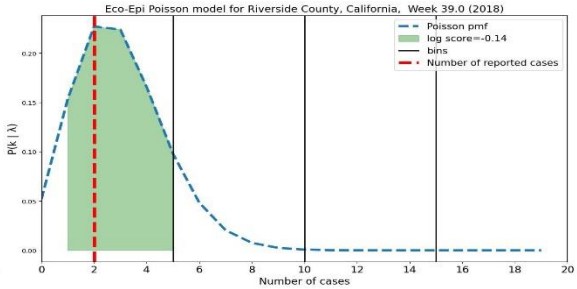

Eco-Epi Poisson model for Riverside County, California, Week 34.0 (2018)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

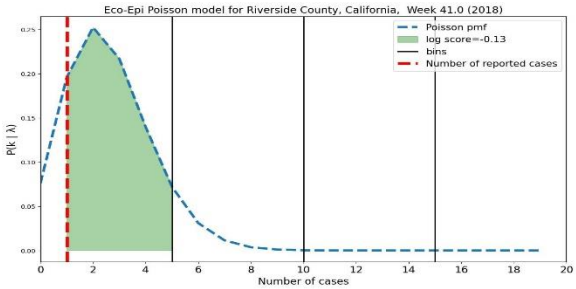

Eco-Epi Poisson model for Riverside County, California, Week 35.0 (2018)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

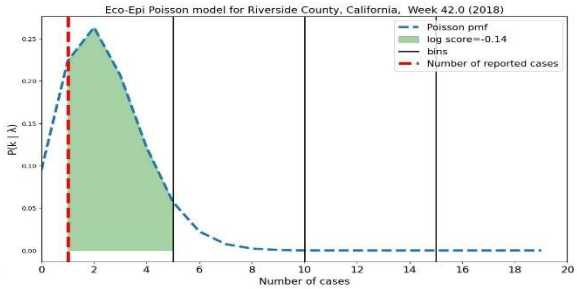

Eco-Epi Poisson model for Riverside County, California, Week 36.0 (2018)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

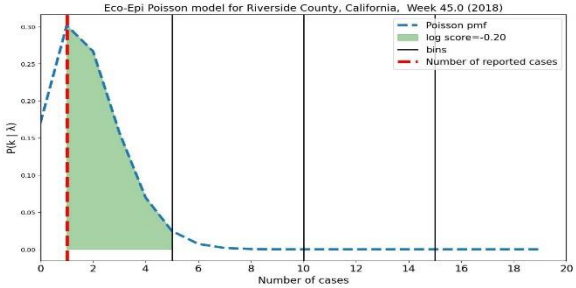

Eco-Epi Poisson model for Riverside County, California, Week 37.0 (2018)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

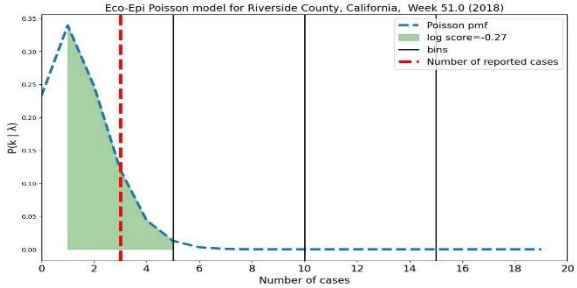

Eco-Epi Poisson model for Riverside County, California, Week 38.0 (2018)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Riverside County, California, Week 39.0 (2018)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

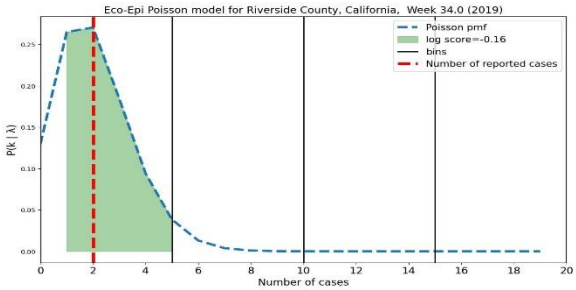

Eco-Epi Poisson model for Riverside County, California, Week 41.0 (2018)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

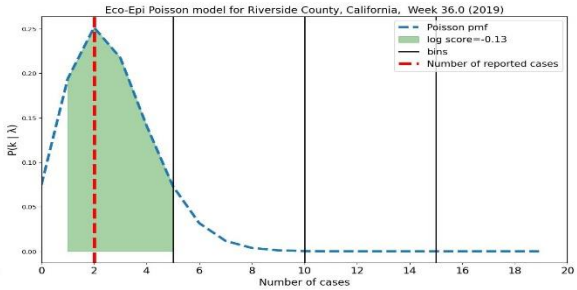

Eco-Epi Poisson model for Riverside County, California, Week 42.0 (2018)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

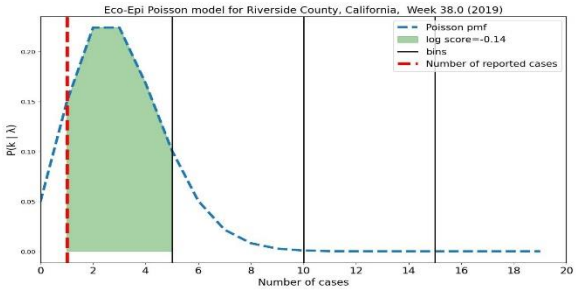

Eco-Epi Poisson model for Riverside County, California, Week 45.0 (2018)
Poisson pmf
log score=-0.20
bins
Number of reported cases
P(k | λ)
Number of cases

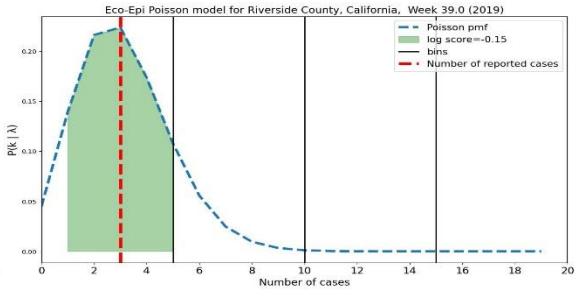

Eco-Epi Poisson model for Riverside County, California, Week 51.0 (2018)
Poisson pmf
log score=-0.27
bins
Number of reported cases
P(k | λ)
Number of cases

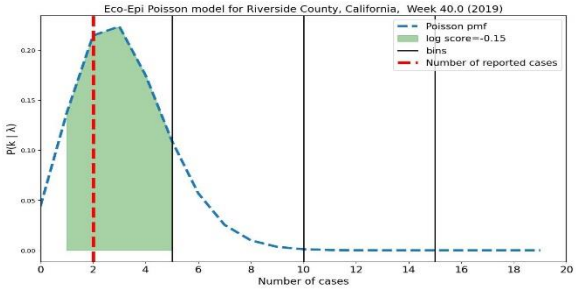
2019

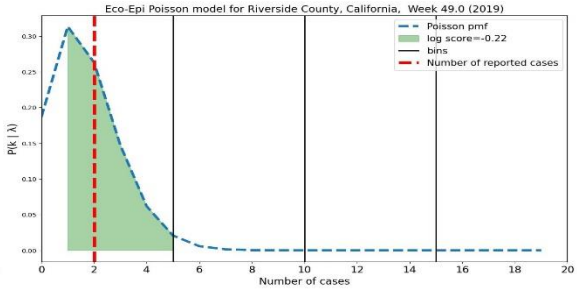

Eco-Epi Poisson model for Riverside County, California, Week 34.0 (2019)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Riverside County, California, Week 36.0 (2019)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

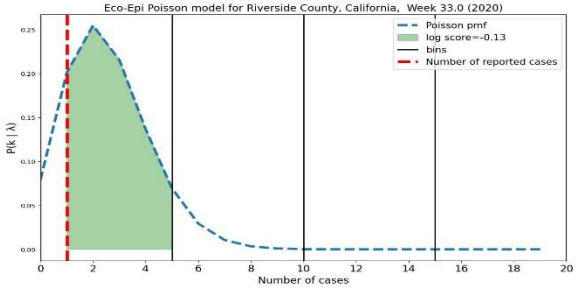

Eco-Epi Poisson model for Riverside County, California, Week 38.0 (2019)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

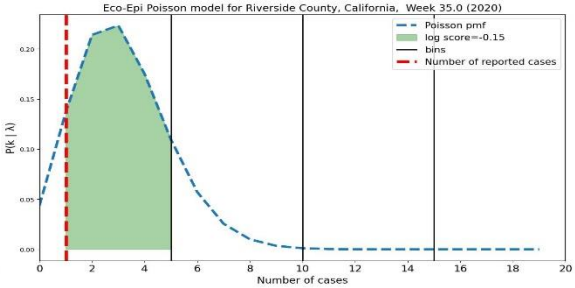

Eco-Epi Poisson model for Riverside County, California, Week 39.0 (2019)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

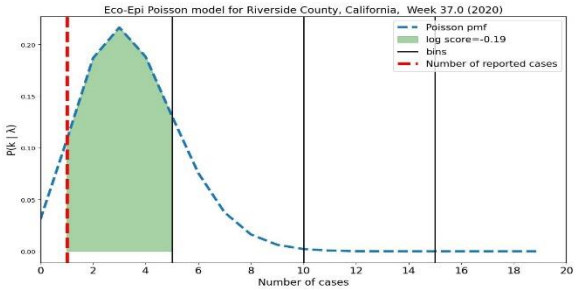

Eco-Epi Poisson model for Riverside County, California, Week 40.0 (2019)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

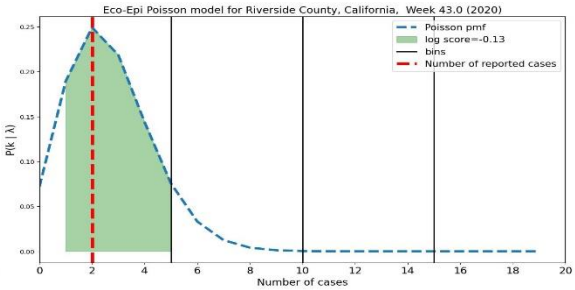

Eco-Epi Poisson model for Riverside County, California, Week 49.0 (2019)
Poisson pmf
log score=-0.22
bins
Number of reported cases
P(k | λ)
Number of cases

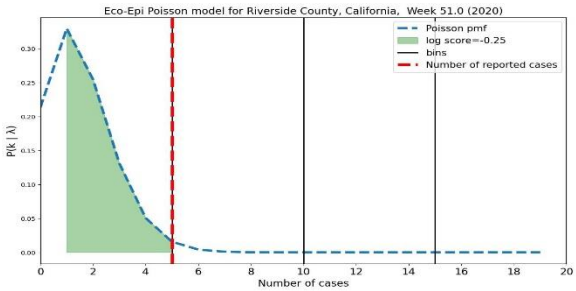
2020


Eco-Epi Poisson model for Riverside County, California, Week 33.0 (2020)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

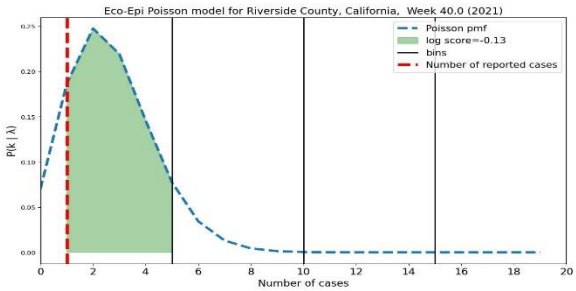

Eco-Epi Poisson model for Riverside County, California, Week 35.0 (2020)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

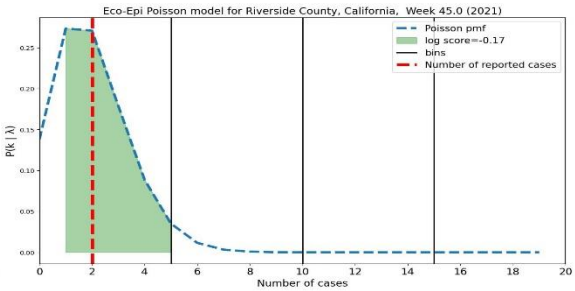

Eco-Epi Poisson model for Riverside County, California, Week 37.0 (2020)
Poisson pmf
log score=-0.19
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Riverside County, California, Week 43.0 (2020)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

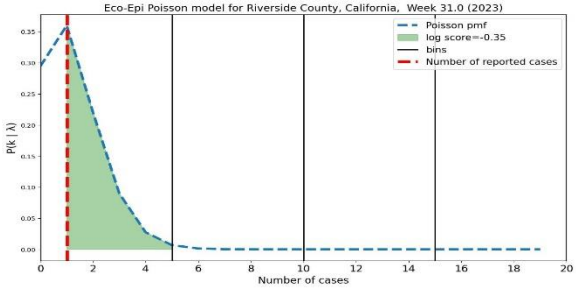

Eco-Epi Poisson model for Riverside County, California, Week 51.0 (2020)
Poisson pmf
log score=-0.25
bins
Number of reported cases
P(k | λ)
Number of cases

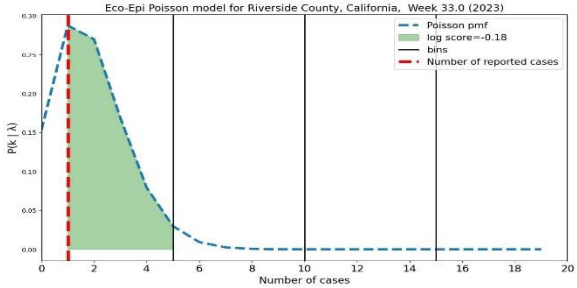
2021

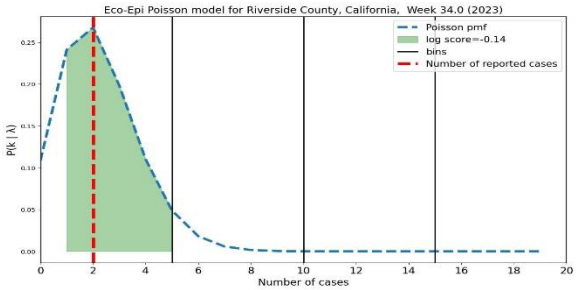

Eco-Epi Poisson model for Riverside County, California, Week 40.0 (2021)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

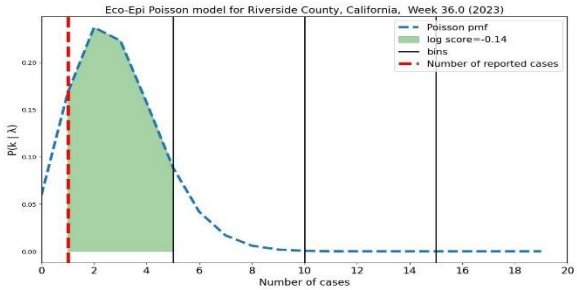

Eco-Epi Poisson model for Riverside County, California, Week 45.0 (2021)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

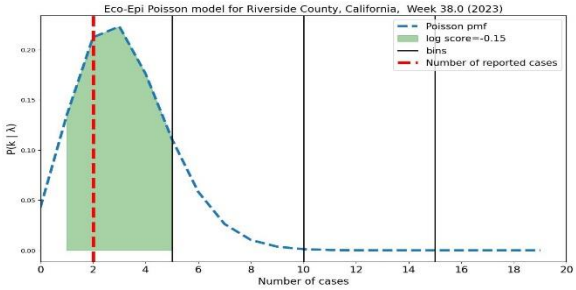
2023

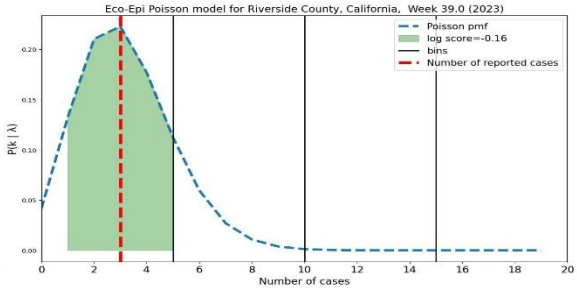

Eco-Epi Poisson model for Riverside County, California, Week 31.0 (2023)
Poisson pmf
log score=-0.35
bins
Number of reported cases
P(k | λ)
Number of cases

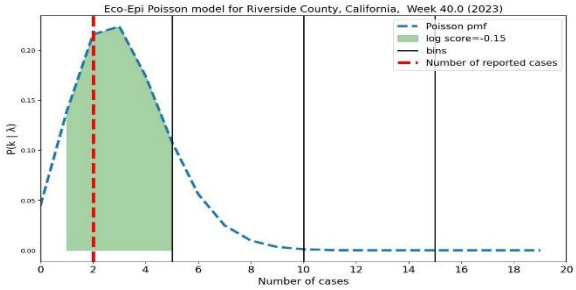

Eco-Epi Poisson model for Riverside County, California, Week 33.0 (2023)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases

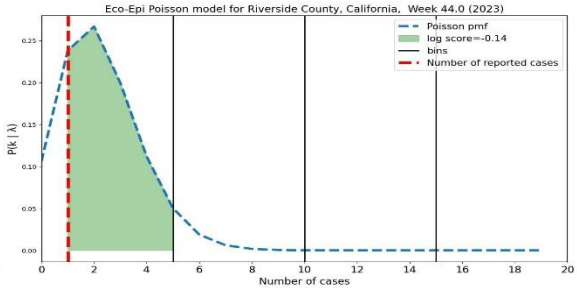

Eco-Epi Poisson model for Riverside County, California, Week 34.0 (2023)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

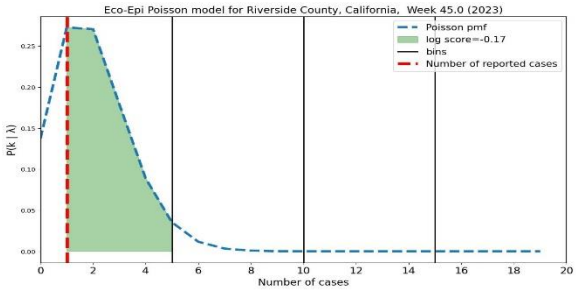

Eco-Epi Poisson model for Riverside County, California, Week 36.0 (2023)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

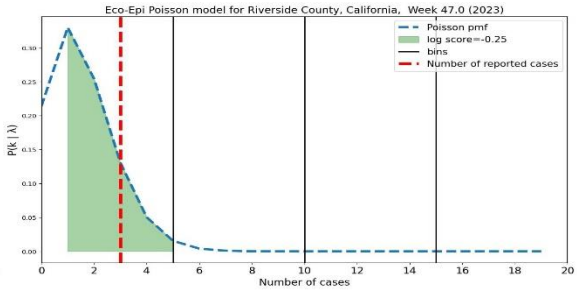

Eco-Epi Poisson model for Riverside County, California, Week 38.0 (2023)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Riverside County, California, Week 39.0 (2023)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

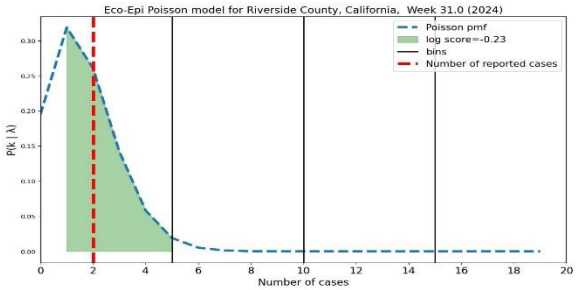

Eco-Epi Poisson model for Riverside County, California, Week 40.0 (2023)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

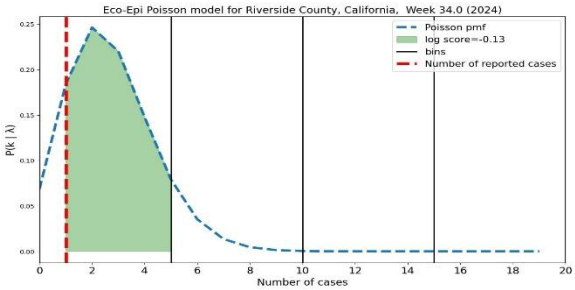

Eco-Epi Poisson model for Riverside County, California, Week 44.0 (2023)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

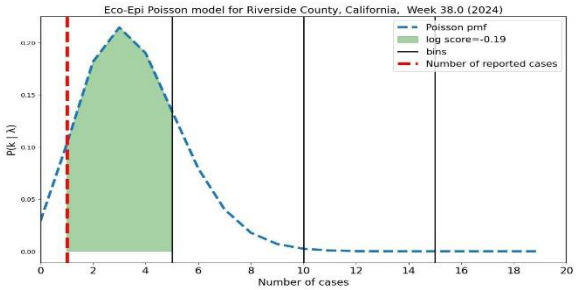

Eco-Epi Poisson model for Riverside County, California, Week 45.0 (2023)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

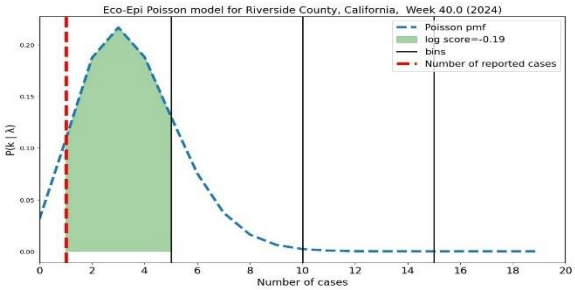

Eco-Epi Poisson model for Riverside County, California, Week 47.0 (2023)
Poisson pmf
log score=-0.25
bins
Number of reported cases
P(k | λ)
Number of cases

2024

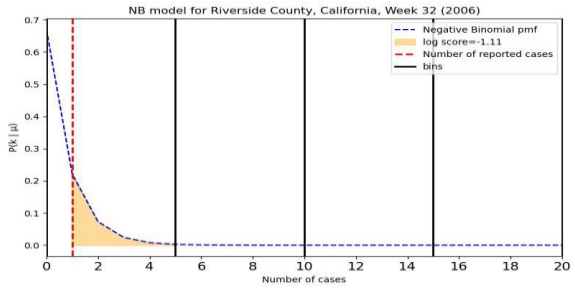


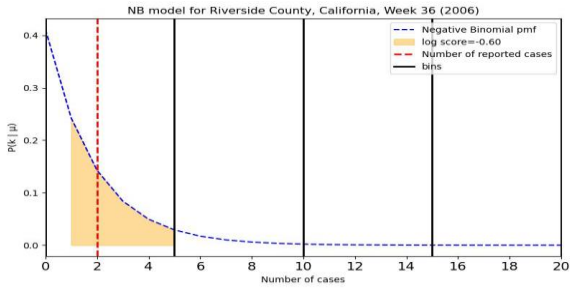


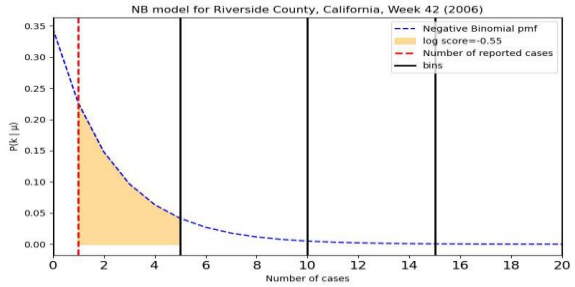


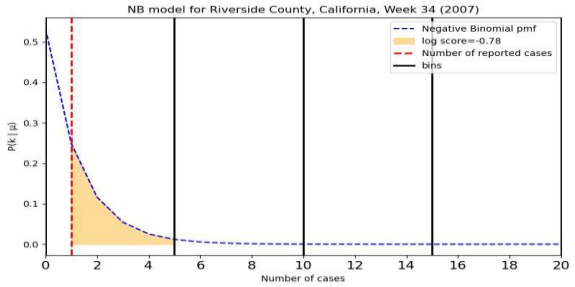


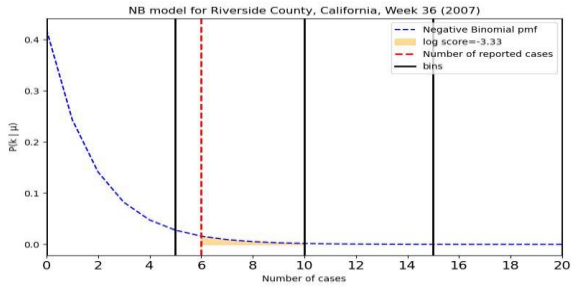
NB-Riverside-(2006-2024)

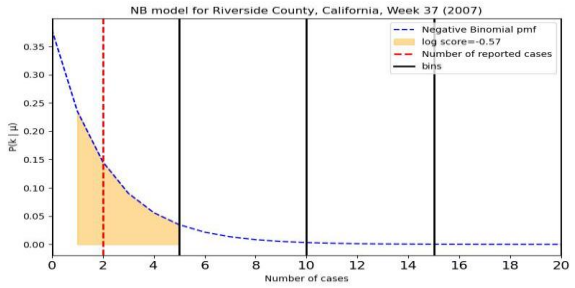


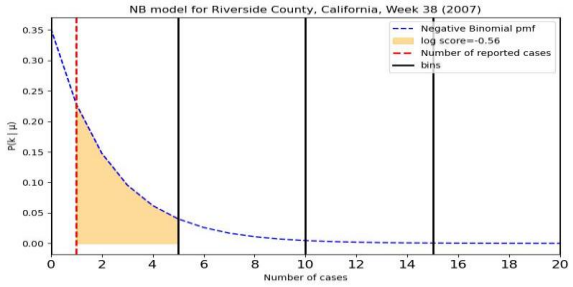


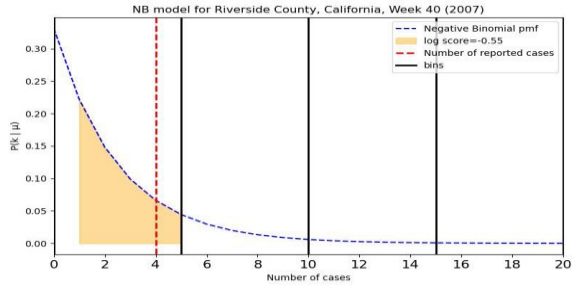


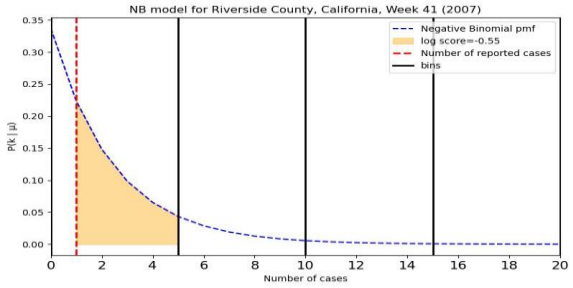


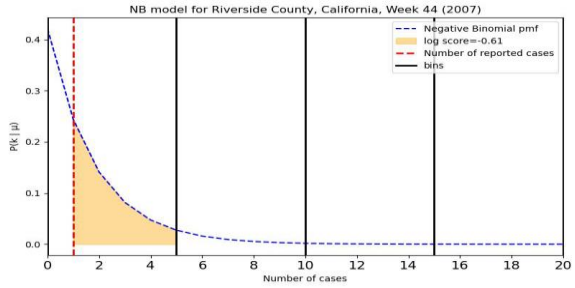


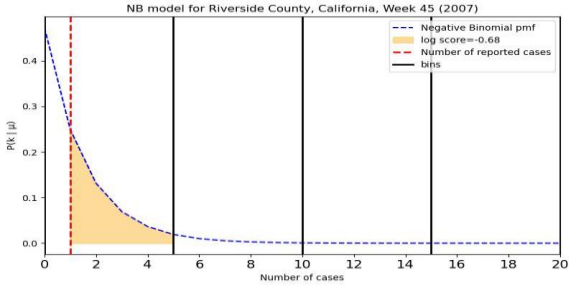


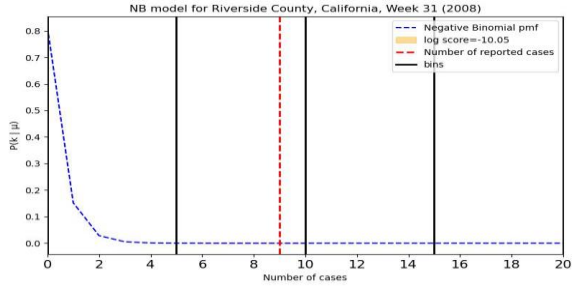

NB model for Riverside County, California, Week 38 (2007)
Negative Binomial pmf
log score=-0.56
Number of reported cases
bins
P(k | μ)
Number of cases

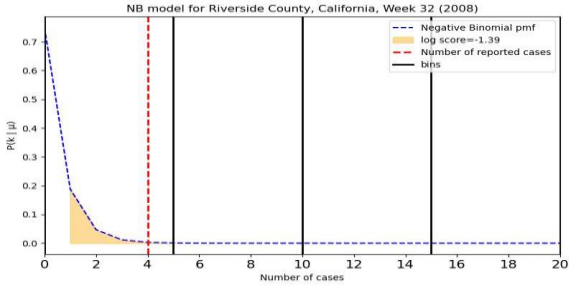

NB model for Riverside County, California, Week 40 (2007)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

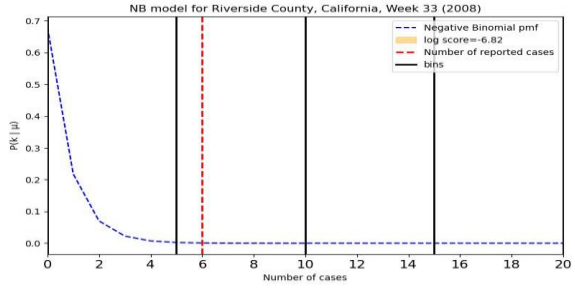

NB model for Riverside County, California, Week 41 (2007)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

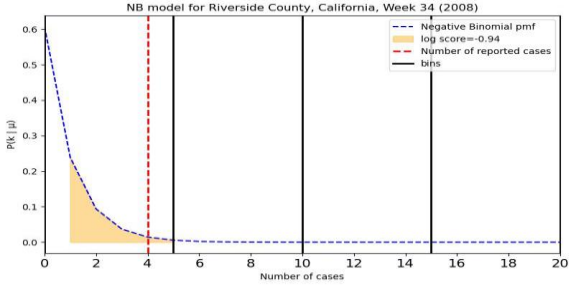

NB model for Riverside County, California, Week 44 (2007)
Negative Binomial pmf
log score=-0.61
Number of reported cases
bins
P(k | μ)
Number of cases

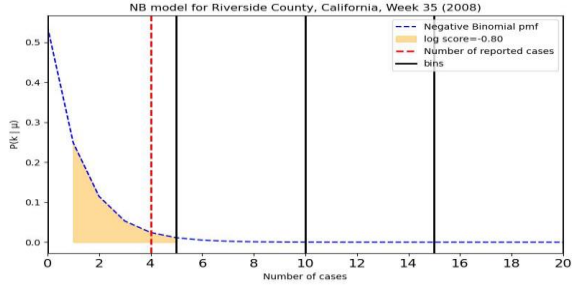

NB model for Riverside County, California, Week 45 (2007)
Negative Binomial pmf
log score=-0.68
Number of reported cases
bins
P(k | μ)
Number of cases

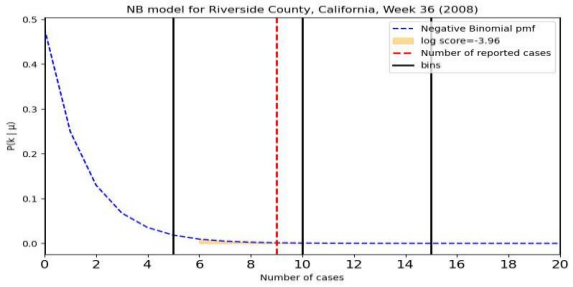

NB model for Riverside County, California, Week 31 (2008)
Negative Binomial pmf
log score=-10.05
Number of reported cases
bins
P(k | μ)
Number of cases

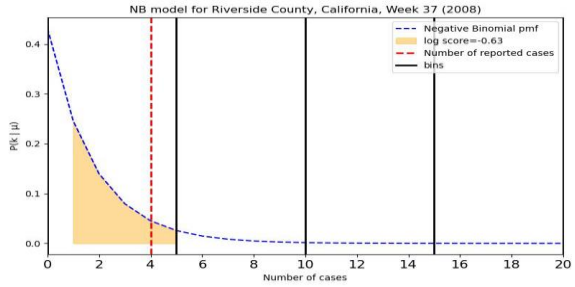

NB model for Riverside County, California, Week 32 (2008)
Negative Binomial pmf
log score=-1.39
Number of reported cases
bins
P(k | μ)
Number of cases

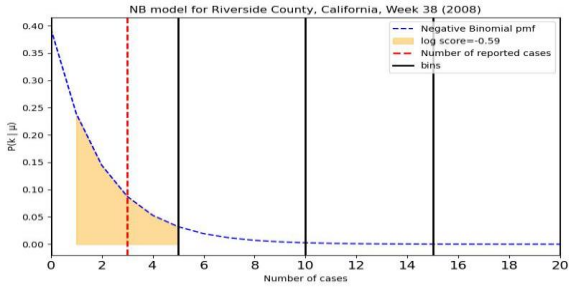

NB model for Riverside County, California, Week 33 (2008)
Negative Binomial pmf
log score=-6.82
Number of reported cases
bins
P(k | μ)
Number of cases

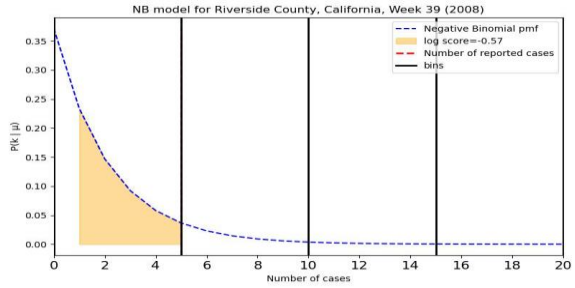

NB model for Riverside County, California, Week 34 (2008)
Negative Binomial pmf
log score=-0.94
Number of reported cases
bins
P(k | μ)
Number of cases

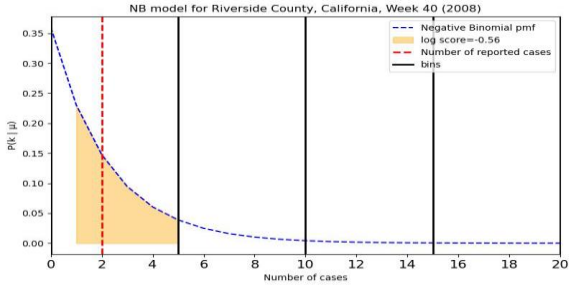

NB model for Riverside County, California, Week 35 (2008)
Negative Binomial pmf
log score=-0.80
Number of reported cases
bins
P(k | μ)
Number of cases

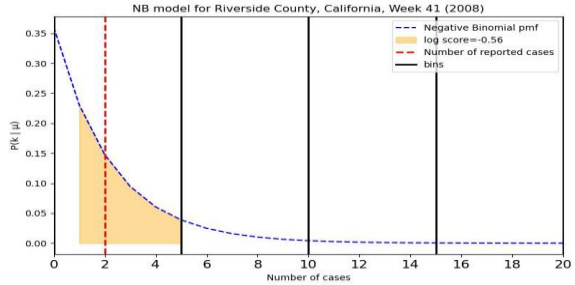

NB model for Riverside County, California, Week 36 (2008)
Negative Binomial pmf
log score=-3.96
Number of reported cases
bins
P(k | μ)
Number of cases

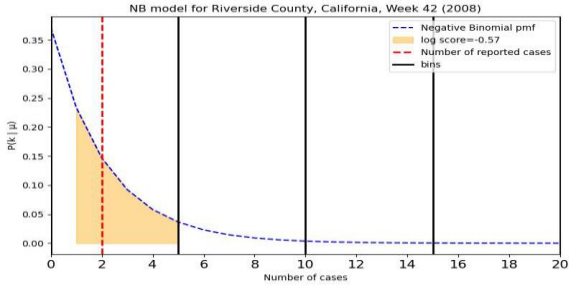

NB model for Riverside County, California, Week 37 (2008)
Negative Binomial pmf
log score=-0.63
Number of reported cases
bins
P(k | μ)
Number of cases

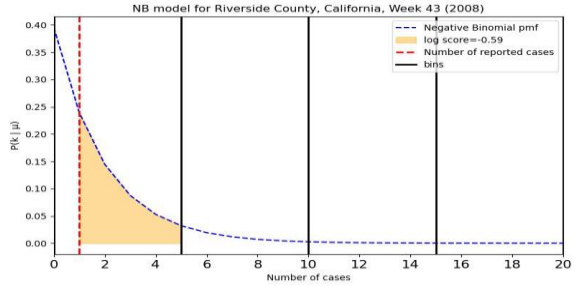

NB model for Riverside County, California, Week 38 (2008)
Negative Binomial pmf
log score=-0.59
Number of reported cases
bins
P(k | μ)
Number of cases

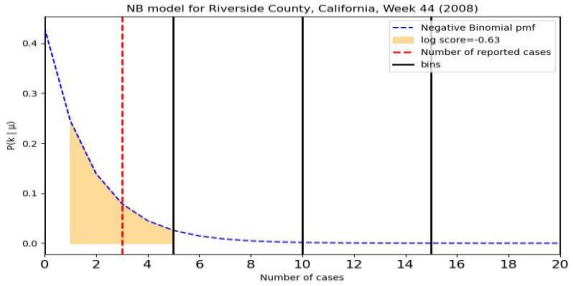

NB model for Riverside County, California, Week 39 (2008)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

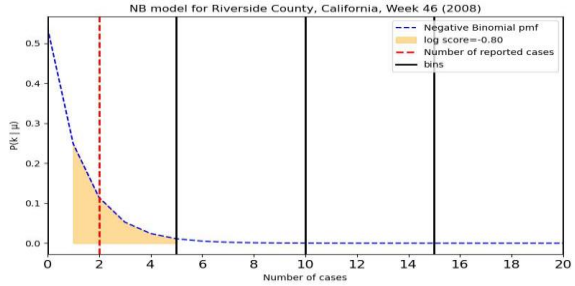

NB model for Riverside County, California, Week 40 (2008)
Negative Binomial pmf
log score=-0.56
Number of reported cases
bins
P(k | μ)
Number of cases

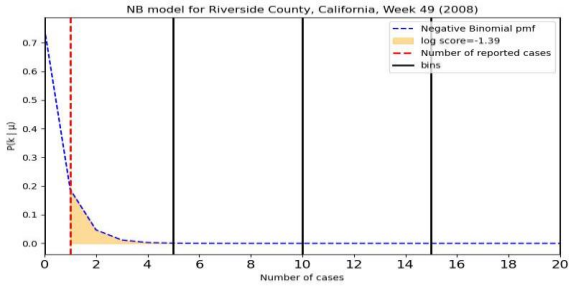

NB model for Riverside County, California, Week 41 (2008)
Negative Binomial pmf
log score=-0.56
Number of reported cases
bins
P(k | μ)
Number of cases

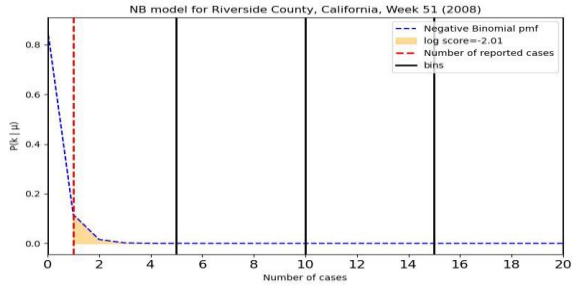

NB model for Riverside County, California, Week 42 (2008)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

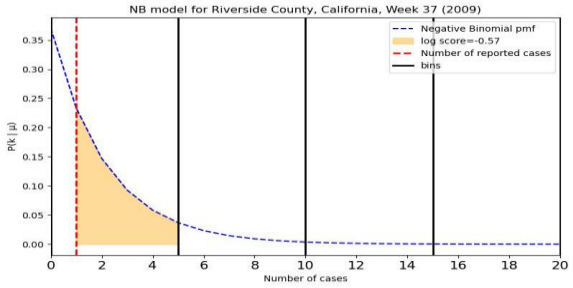

NB model for Riverside County, California, Week 43 (2008)
Negative Binomial pmf
log score=-0.59
Number of reported cases
bins
P(k | μ)
Number of cases

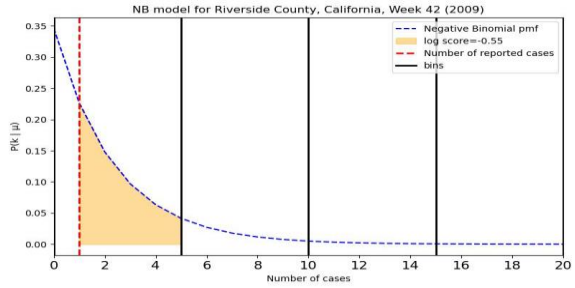

NB model for Riverside County, California, Week 44 (2008)
Negative Binomial pmf
log score=-0.63
Number of reported cases
bins
P(k | μ)
Number of cases

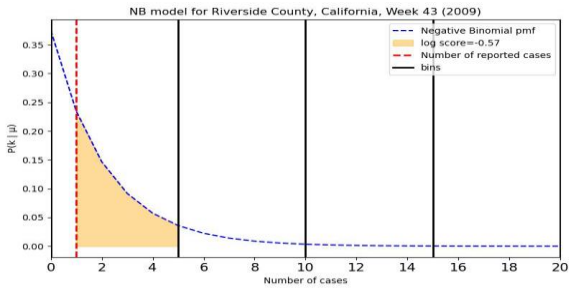

NB model for Riverside County, California, Week 46 (2008)
Negative Binomial pmf
log score=-0.80
Number of reported cases
bins
P(k | μ)
Number of cases

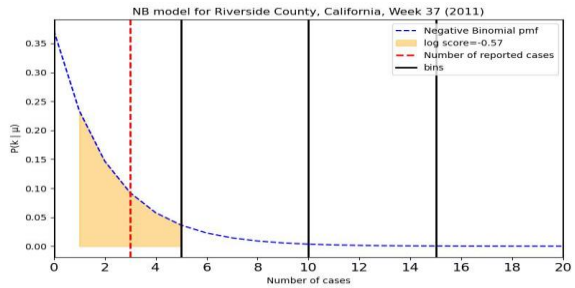

NB model for Riverside County, California, Week 49 (2008)
Negative Binomial pmf
log score=-1.39
Number of reported cases
bins
P(k | μ)
Number of cases

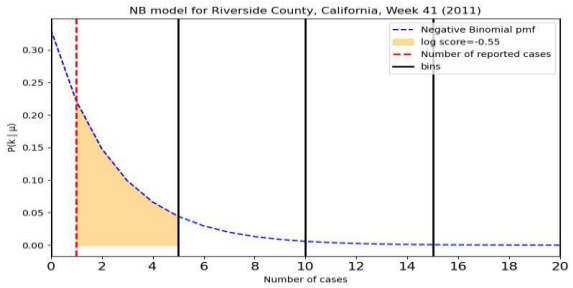

NB model for Riverside County, California, Week 51 (2008)
Negative Binomial pmf
log score=-2.01
Number of reported cases
bins
P(k | μ)
Number of cases

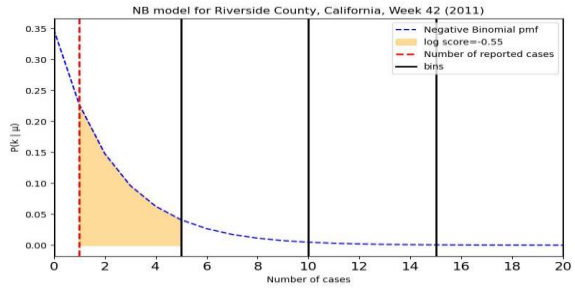

NB model for Riverside County, California, Week 37 (2009)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

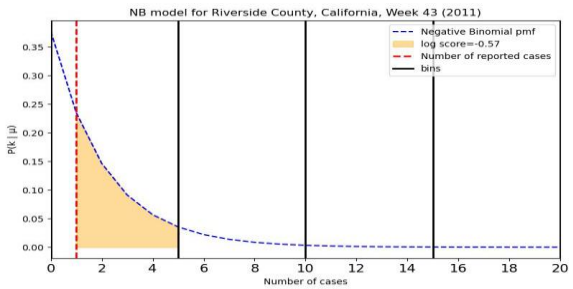

NB model for Riverside County, California, Week 42 (2009)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

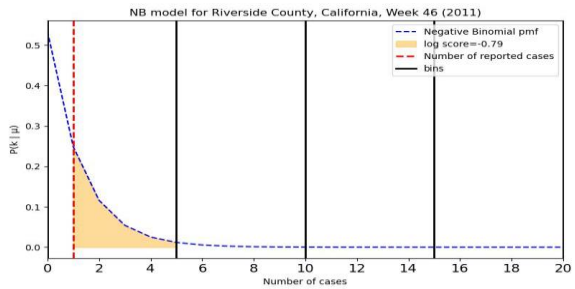

NB model for Riverside County, California, Week 43 (2009)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

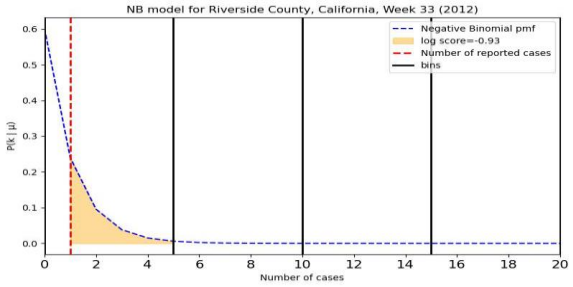

NB model for Riverside County, California, Week 37 (2011)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

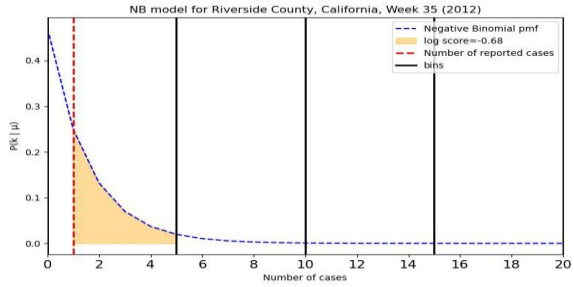

NB model for Riverside County, California, Week 41 (2011)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

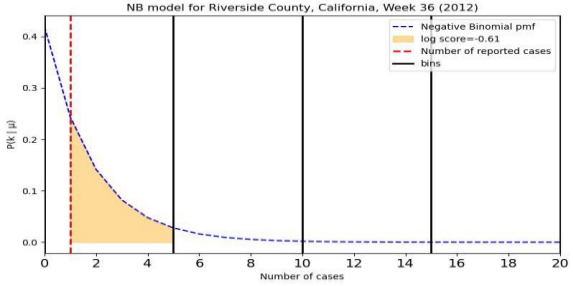

NB model for Riverside County, California, Week 42 (2011)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

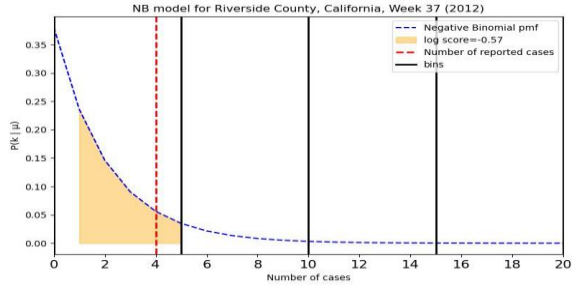

NB model for Riverside County, California, Week 43 (2011)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

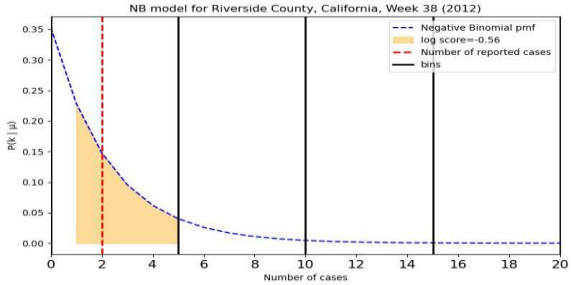

NB model for Riverside County, California, Week 46 (2011)
Negative Binomial pmf
log score=-0.79
Number of reported cases
bins
P(k | μ)
Number of cases

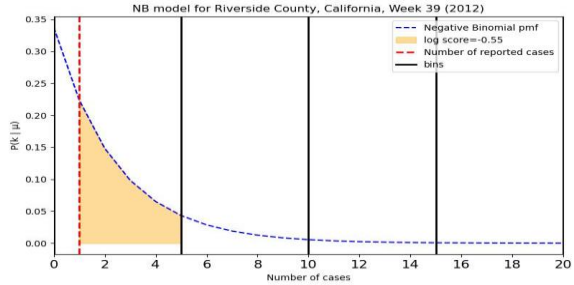

NB model for Riverside County, California, Week 33 (2012)
Negative Binomial pmf
log score=-0.93
Number of reported cases
bins
P(k | μ)
Number of cases

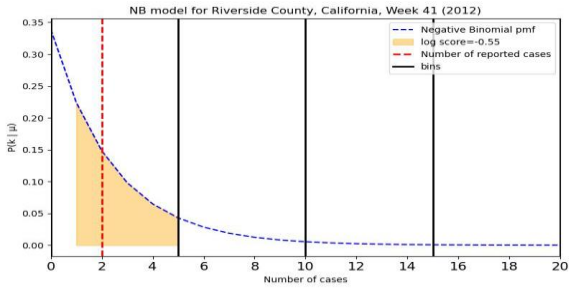

NB model for Riverside County, California, Week 35 (2012)
Negative Binomial pmf
log score=-0.68
Number of reported cases
bins
P(k | μ)
Number of cases

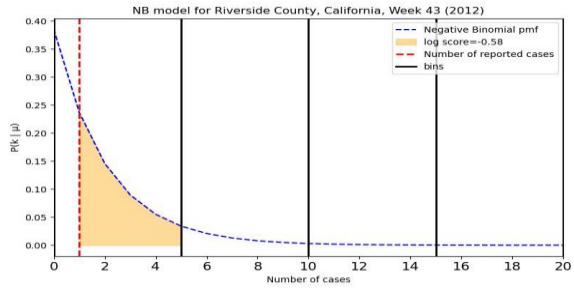

NB model for Riverside County, California, Week 36 (2012)
Negative Binomial pmf
log score=-0.61
Number of reported cases
bins
P(k | μ)
Number of cases

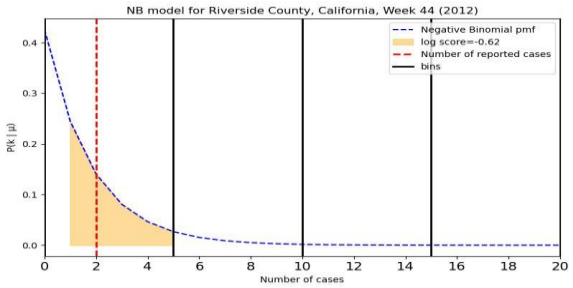

NB model for Riverside County, California, Week 37 (2012)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

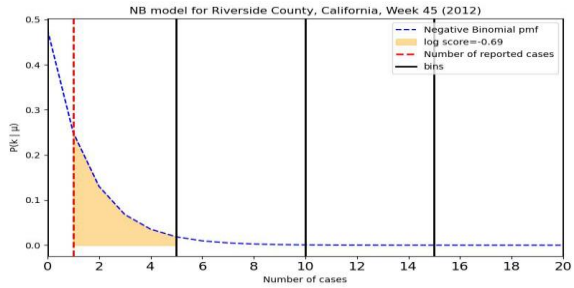

NB model for Riverside County, California, Week 38 (2012)
Negative Binomial pmf
log score=-0.56
Number of reported cases
bins
P(k | μ)
Number of cases

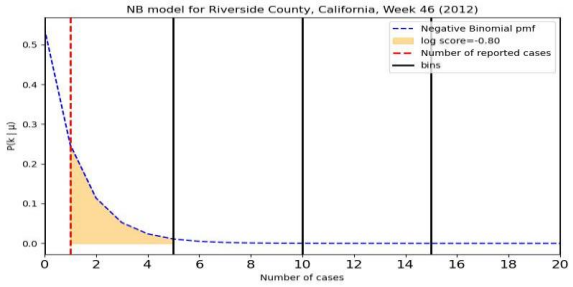

NB model for Riverside County, California, Week 39 (2012)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

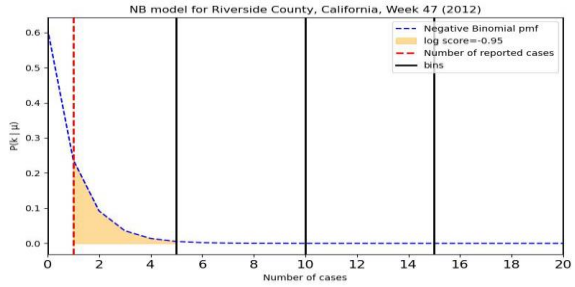

NB model for Riverside County, California, Week 41 (2012)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

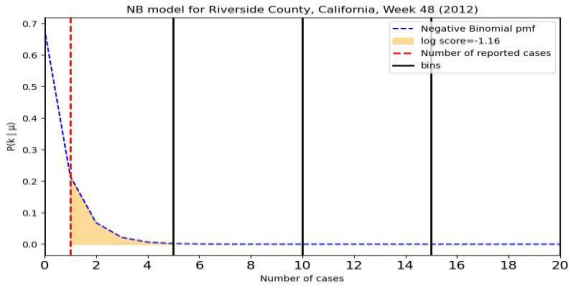

NB model for Riverside County, California, Week 43 (2012)
Negative Binomial pmf
log score=-0.58
Number of reported cases
bins
P(k | μ)
Number of cases

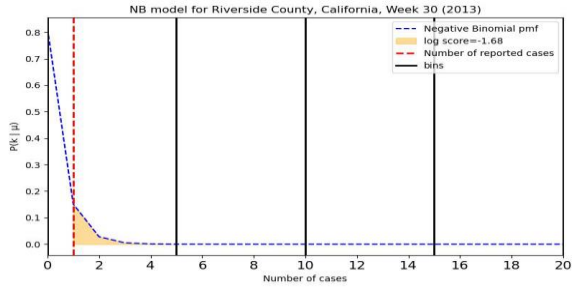

NB model for Riverside County, California, Week 44 (2012)
Negative Binomial pmf
log score=-0.62
Number of reported cases
bins
P(k | μ)
Number of cases

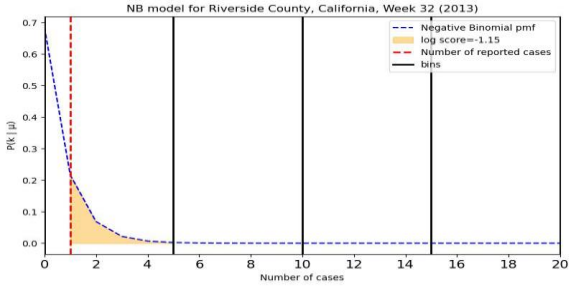

NB model for Riverside County, California, Week 45 (2012)
Negative Binomial pmf
log score=-0.69
Number of reported cases
bins
P(k | μ)
Number of cases

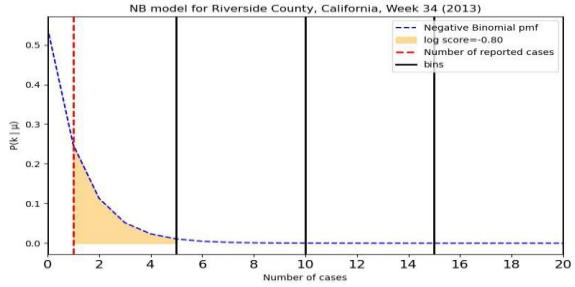

NB model for Riverside County, California, Week 46 (2012)
Negative Binomial pmf
log score=-0.80
Number of reported cases
bins
P(k | μ)
Number of cases

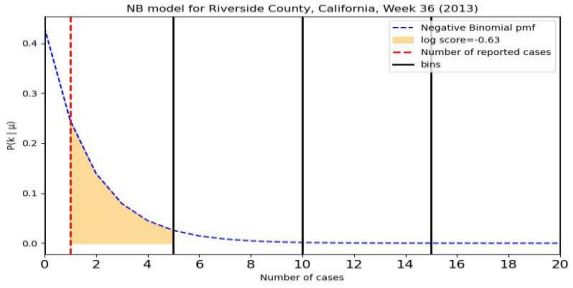

NB model for Riverside County, California, Week 47 (2012)
Negative Binomial pmf
log score=-0.95
Number of reported cases
bins
P(k | μ)
Number of cases

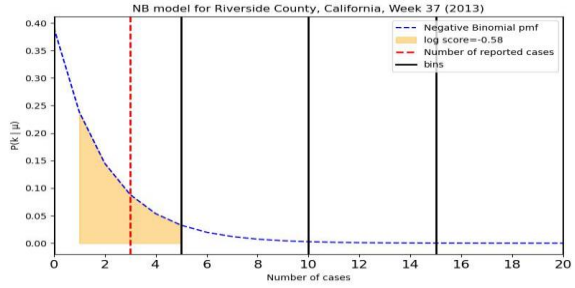

NB model for Riverside County, California, Week 48 (2012)
Negative Binomial pmf
log score=-1.16
Number of reported cases
bins
P(k | μ)
Number of cases

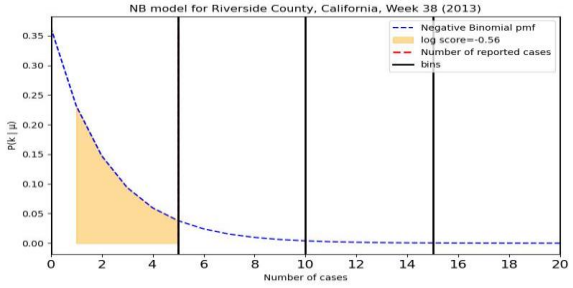

NB model for Riverside County, California, Week 30 (2013)
Negative Binomial pmf
log score=-1.68
Number of reported cases
bins
P(k | μ)
Number of cases

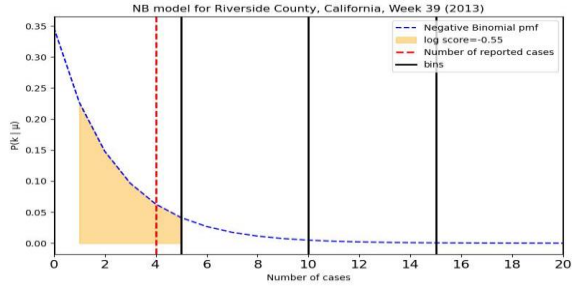

NB model for Riverside County, California, Week 32 (2013)
Negative Binomial pmf
log score=-1.15
Number of reported cases
bins
P(k | μ)
Number of cases

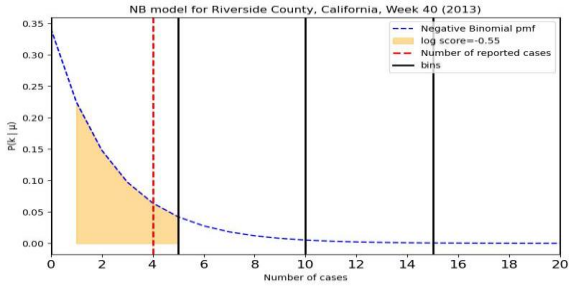

NB model for Riverside County, California, Week 34 (2013)
Negative Binomial pmf
log score=-0.80
Number of reported cases
bins
P(k | μ)
Number of cases

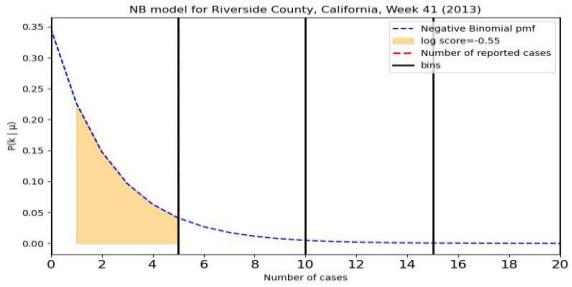

NB model for Riverside County, California, Week 36 (2013)
Negative Binomial pmf
log score=-0.63
Number of reported cases
bins
P(k | μ)
Number of cases

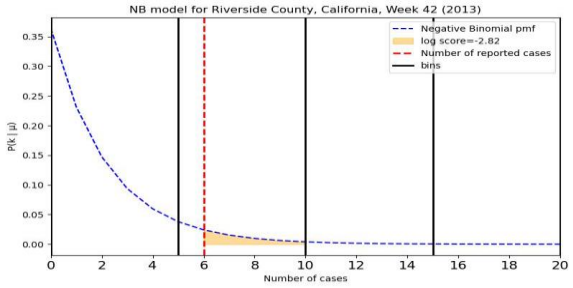

NB model for Riverside County, California, Week 37 (2013)
Negative Binomial pmf
log score=-0.58
Number of reported cases
bins
P(k | μ)
Number of cases

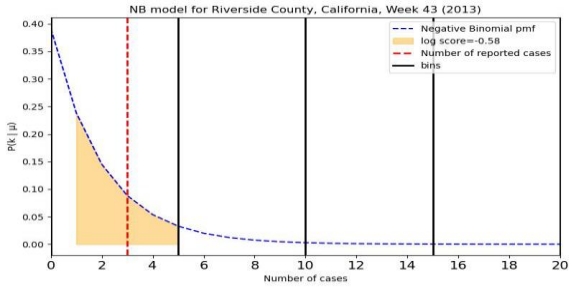

NB model for Riverside County, California, Week 38 (2013)
Negative Binomial pmf
log score=-0.56
Number of reported cases
bins
P(k | μ)
Number of cases

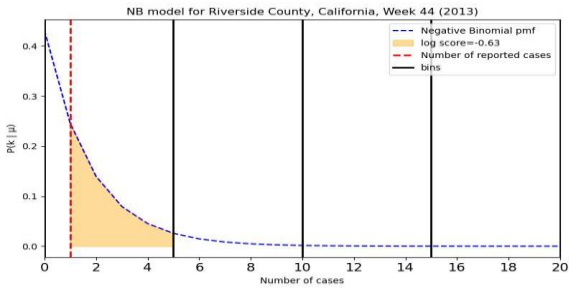

NB model for Riverside County, California, Week 39 (2013)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

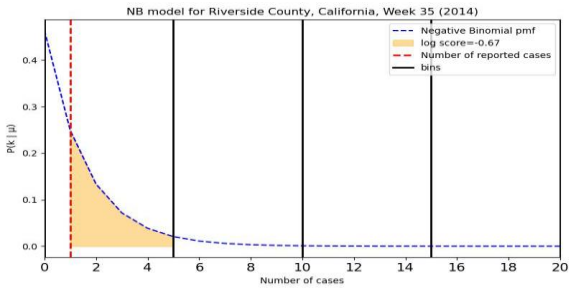

NB model for Riverside County, California, Week 40 (2013)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

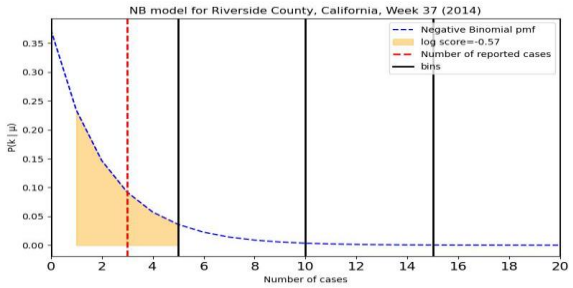

NB model for Riverside County, California, Week 41 (2013)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

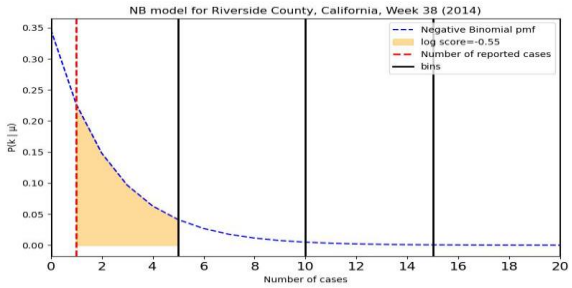

NB model for Riverside County, California, Week 42 (2013)
Negative Binomial pmf
log score=-2.82
Number of reported cases
bins
P(k | μ)
Number of cases

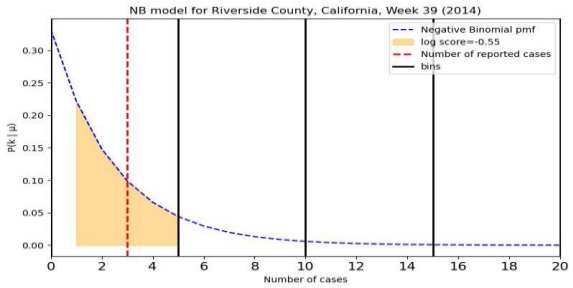

NB model for Riverside County, California, Week 43 (2013)
Negative Binomial pmf
log score=-0.58
Number of reported cases
bins
P(k | μ)
Number of cases

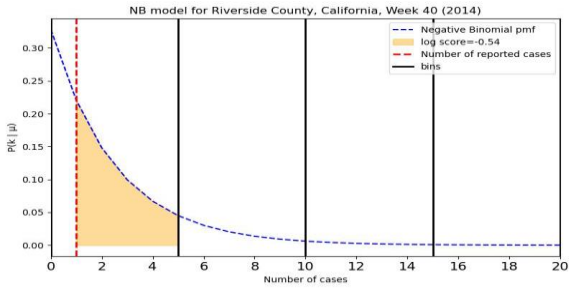

NB model for Riverside County, California, Week 44 (2013)
Negative Binomial pmf
log score=-0.63
Number of reported cases
bins
P(k | μ)
Number of cases

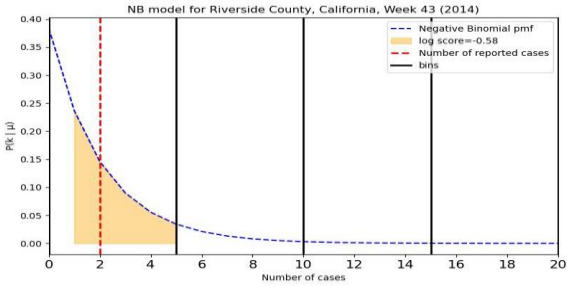

NB model for Riverside County, California, Week 35 (2014)
Negative Binomial pmf
log score=-0.67
Number of reported cases
bins
P(k | μ)
Number of cases

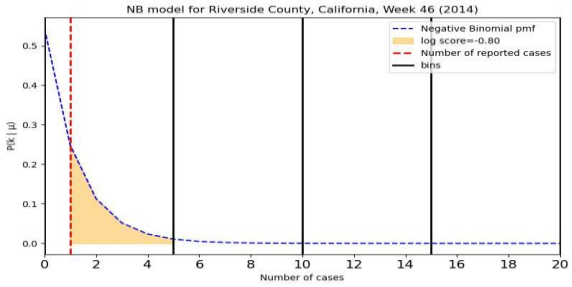

NB model for Riverside County, California, Week 37 (2014)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

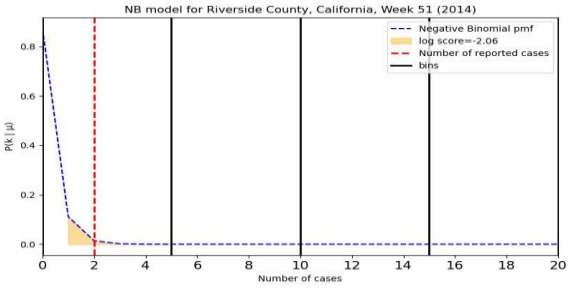

NB model for Riverside County, California, Week 38 (2014)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

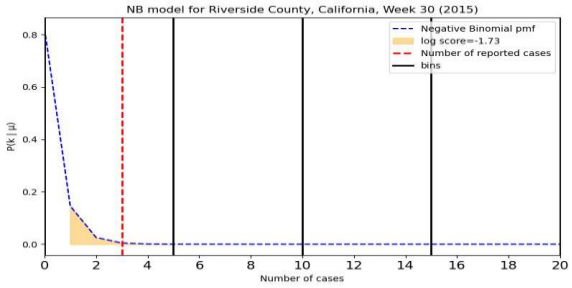

NB model for Riverside County, California, Week 39 (2014)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

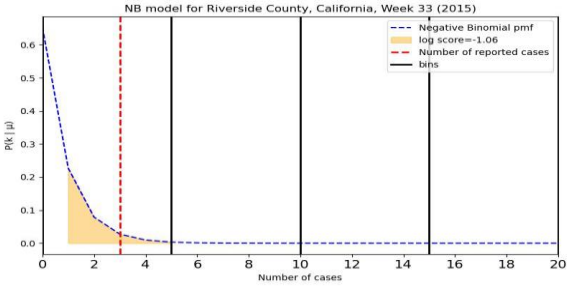

NB model for Riverside County, California, Week 40 (2014)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

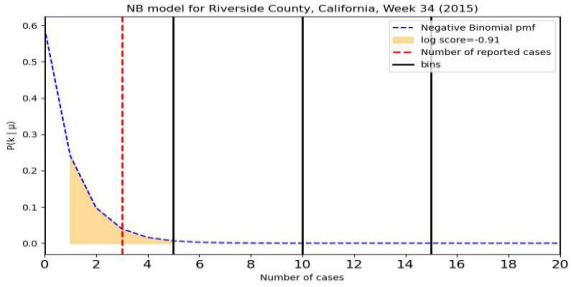

NB model for Riverside County, California, Week 43 (2014)
Negative Binomial pmf
log score=-0.58
Number of reported cases
bins
P(k | μ)
Number of cases

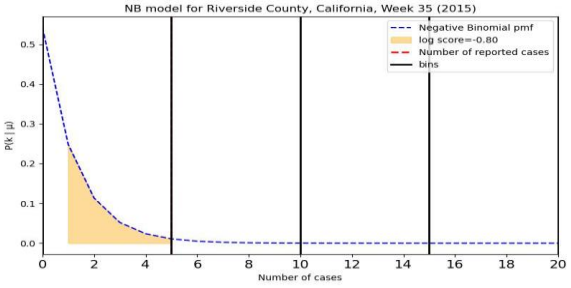

NB model for Riverside County, California, Week 46 (2014)
Negative Binomial pmf
log score=-0.80
Number of reported cases
bins
P(k | μ)
Number of cases

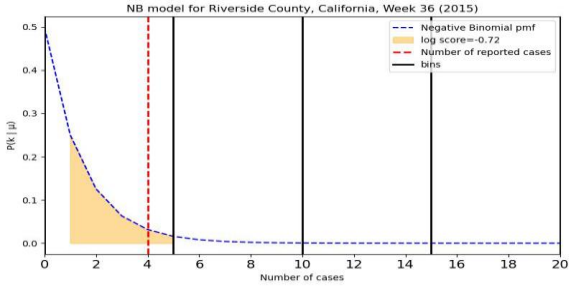

NB model for Riverside County, California, Week 51 (2014)
Negative Binomial pmf
log score=-2.06
Number of reported cases
bins
P(k | μ)
Number of cases

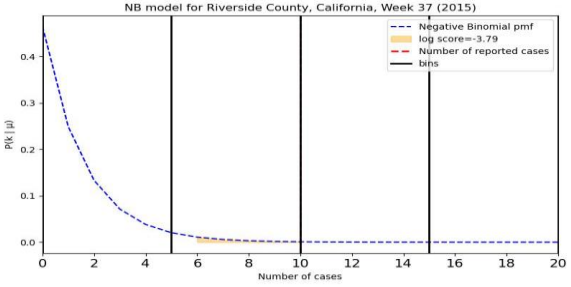

NB model for Riverside County, California, Week 30 (2015)
Negative Binomial pmf
log score=-1.73
Number of reported cases
bins
P(k | μ)
Number of cases

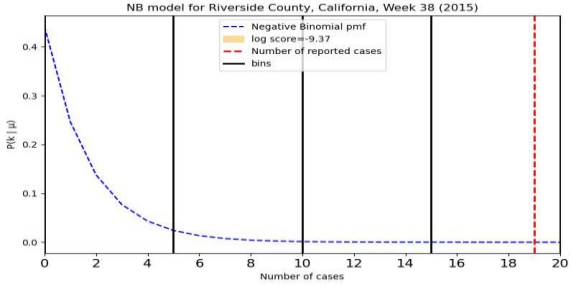

NB model for Riverside County, California, Week 33 (2015)
Negative Binomial pmf
log score=-1.06
Number of reported cases
bins
P(k | μ)
Number of cases

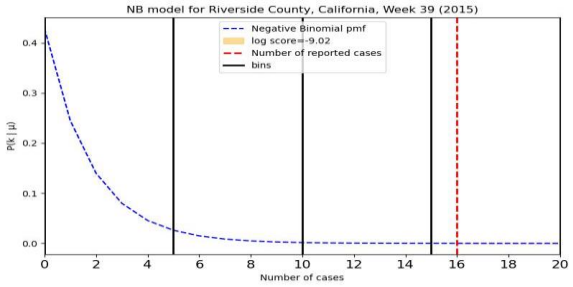

NB model for Riverside County, California, Week 34 (2015)
Negative Binomial pmf
log score=-0.91
Number of reported cases
bins
P(k | μ)
Number of cases

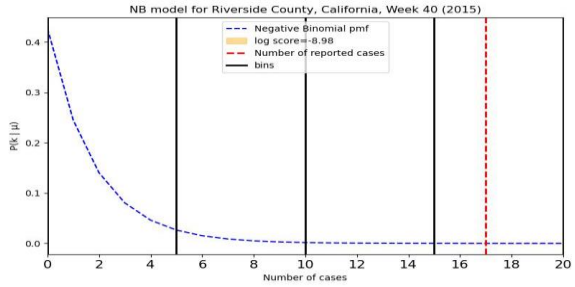

NB model for Riverside County, California, Week 35 (2015)
Negative Binomial pmf
log score=-0.80
Number of reported cases
bins
P(k | μ)
Number of cases

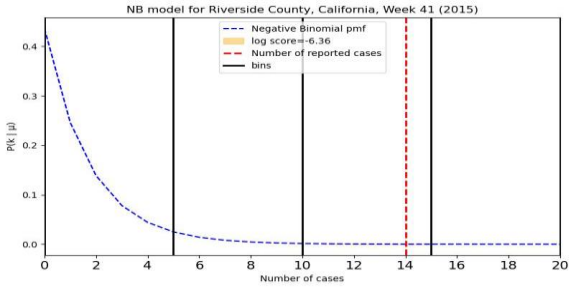

NB model for Riverside County, California, Week 36 (2015)
Negative Binomial pmf
log score=-0.72
Number of reported cases
bins
P(k | μ)
Number of cases

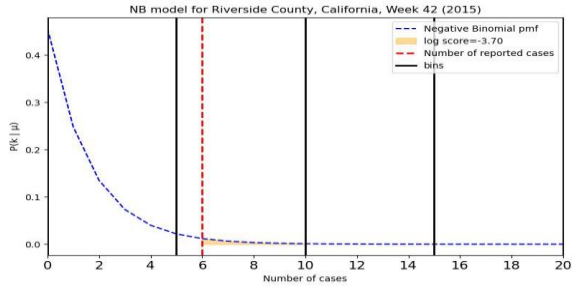

NB model for Riverside County, California, Week 37 (2015)
Negative Binomial pmf
log score=-3.79
Number of reported cases
bins
P(k | μ)
Number of cases

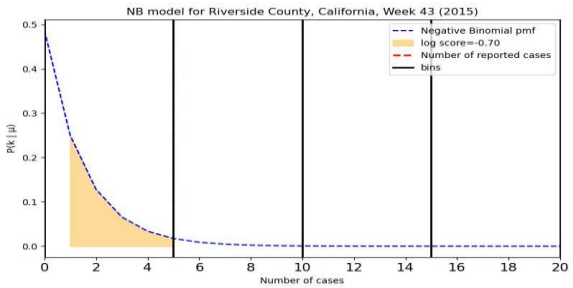

NB model for Riverside County, California, Week 38 (2015)
Negative Binomial pmf
log score=-9.37
Number of reported cases
bins
P(k | μ)
Number of cases

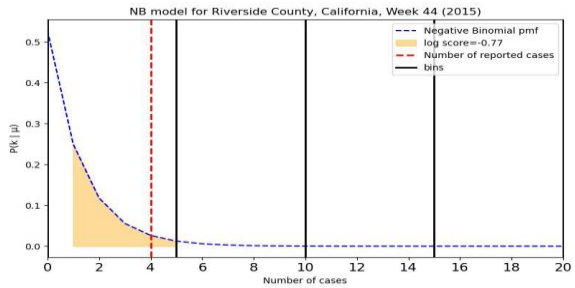

NB model for Riverside County, California, Week 39 (2015)
Negative Binomial pmf
log score=-9.02
Number of reported cases
bins
P(k | μ)
Number of cases

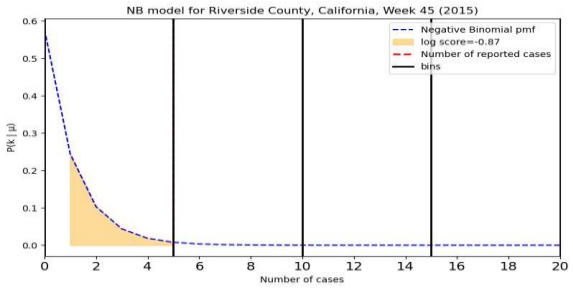

NB model for Riverside County, California, Week 40 (2015)
Negative Binomial pmf
log score=-8.98
Number of reported cases
bins
P(k | μ)
Number of cases

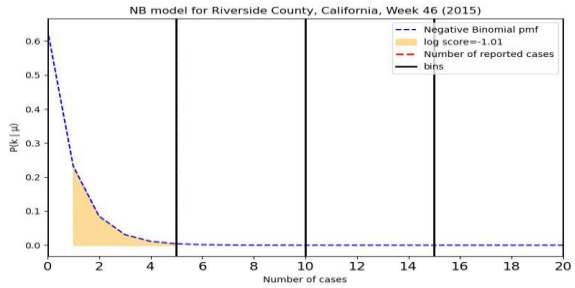

NB model for Riverside County, California, Week 41 (2015)
Negative Binomial pmf
log score=-6.36
Number of reported cases
bins
P(k | μ)
Number of cases

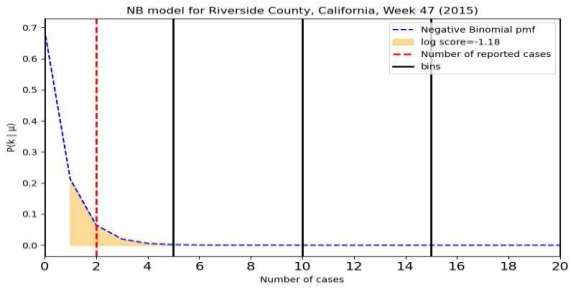

NB model for Riverside County, California, Week 42 (2015)
Negative Binomial pmf
log score=-3.70
Number of reported cases
bins
P(k | μ)
Number of cases

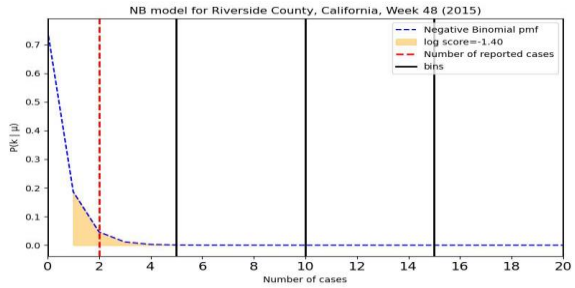

NB model for Riverside County, California, Week 43 (2015)
Negative Binomial pmf
log score=-0.70
Number of reported cases
bins
P(k | μ)
Number of cases

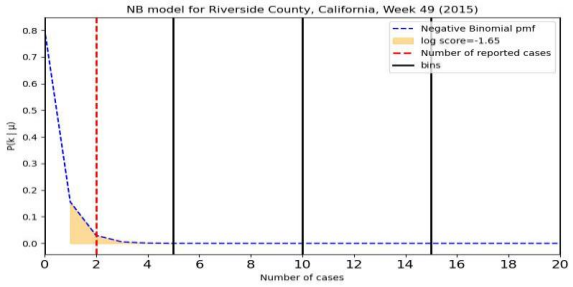

NB model for Riverside County, California, Week 44 (2015)
Negative Binomial pmf
log score=-0.77
Number of reported cases
bins
P(k | μ)
Number of cases

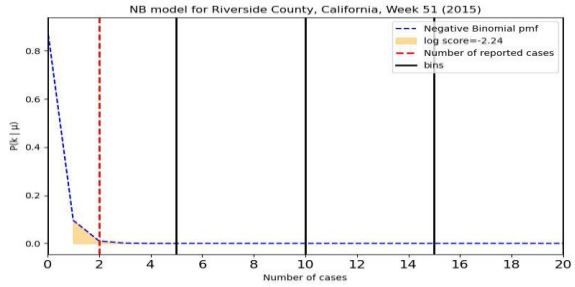

NB model for Riverside County, California, Week 45 (2015)
Negative Binomial pmf
log score=-0.87
Number of reported cases
bins
P(k | μ)
Number of cases

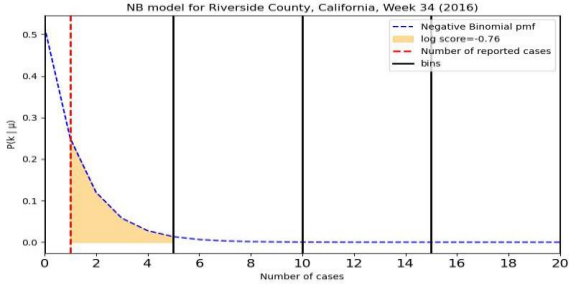

NB model for Riverside County, California, Week 46 (2015)
Negative Binomial pmf
log score=-1.01
Number of reported cases
bins
P(k | μ)
Number of cases

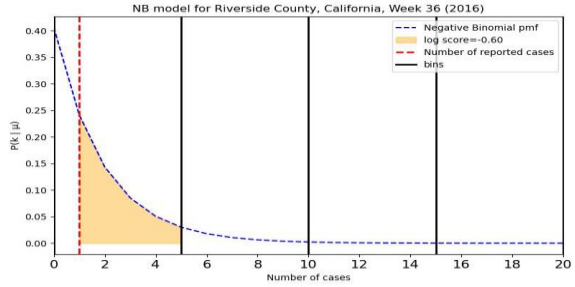

NB model for Riverside County, California, Week 47 (2015)
Negative Binomial pmf
log score=-1.18
Number of reported cases
bins
P(k | μ)
Number of cases

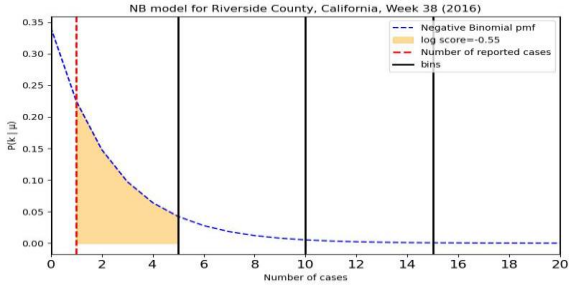

NB model for Riverside County, California, Week 48 (2015)
Negative Binomial pmf
log score=-1.40
Number of reported cases
bins
P(k | μ)
Number of cases

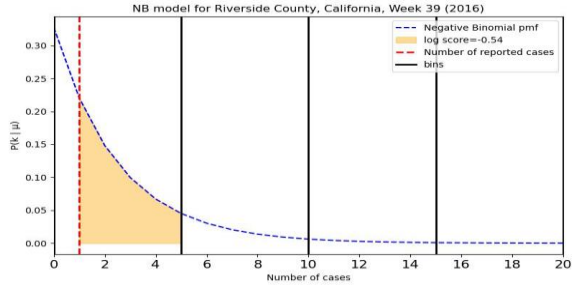

NB model for Riverside County, California, Week 49 (2015)
Negative Binomial pmf
log score=-1.65
Number of reported cases
bins
P(k | μ)
Number of cases

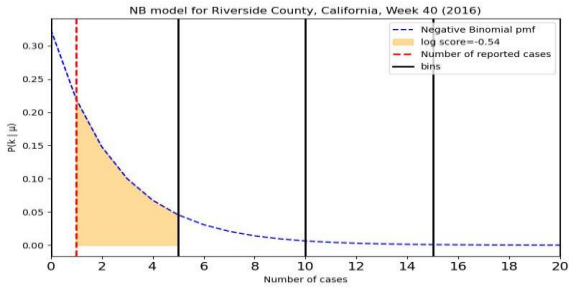

NB model for Riverside County, California, Week 51 (2015)
Negative Binomial pmf
log score=-2.24
Number of reported cases
bins
P(k | μ)
Number of cases

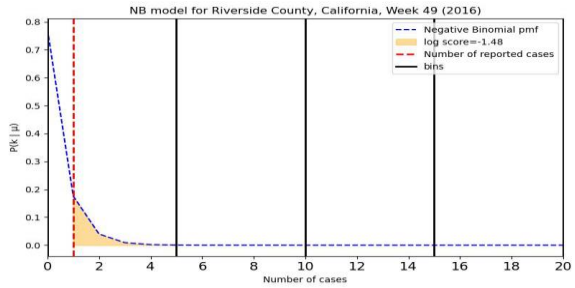

NB model for Riverside County, California, Week 34 (2016)
Negative Binomial pmf
log score=-0.76
Number of reported cases
bins
P(k | μ)
Number of cases

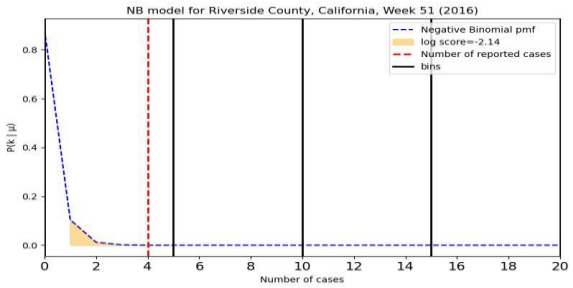

NB model for Riverside County, California, Week 36 (2016)
Negative Binomial pmf
log score=-0.60
Number of reported cases
bins
P(k | μ)
Number of cases

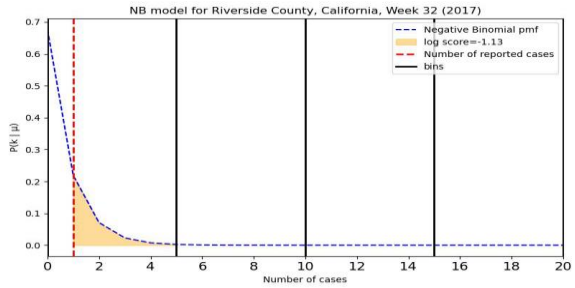

NB model for Riverside County, California, Week 38 (2016)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

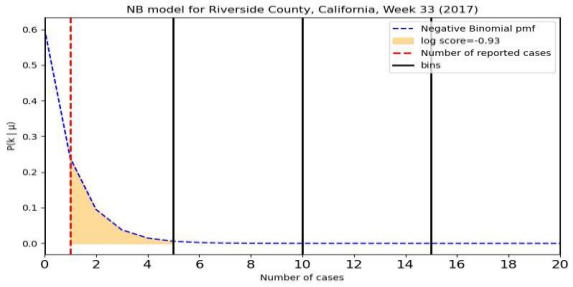

NB model for Riverside County, California, Week 39 (2016)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

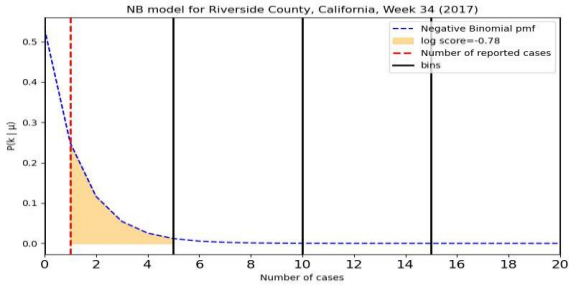

NB model for Riverside County, California, Week 40 (2016)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

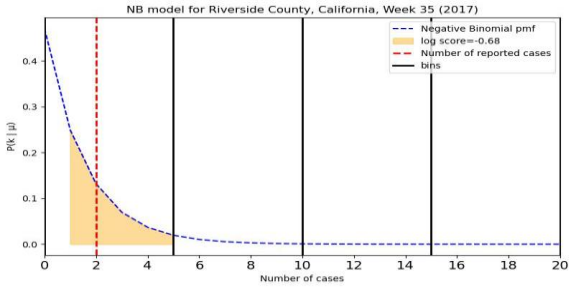

NB model for Riverside County, California, Week 49 (2016)
Negative Binomial pmf
log score=-1.48
Number of reported cases
bins
P(k | μ)
Number of cases

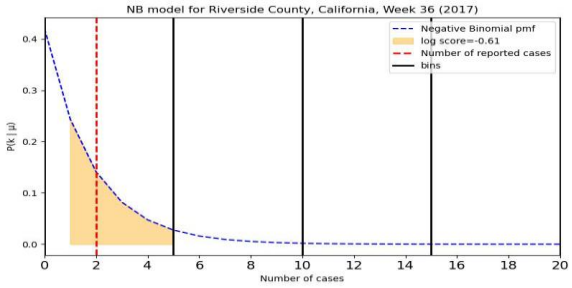

NB model for Riverside County, California, Week 51 (2016)
Negative Binomial pmf
log score=-2.14
Number of reported cases
bins
P(k | μ)
Number of cases

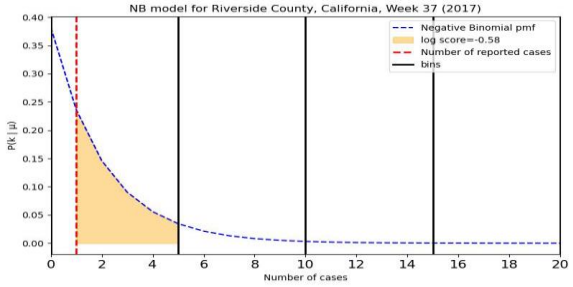

NB model for Riverside County, California, Week 32 (2017)
Negative Binomial pmf
log score=-1.13
Number of reported cases
bins
P(k | μ)
Number of cases

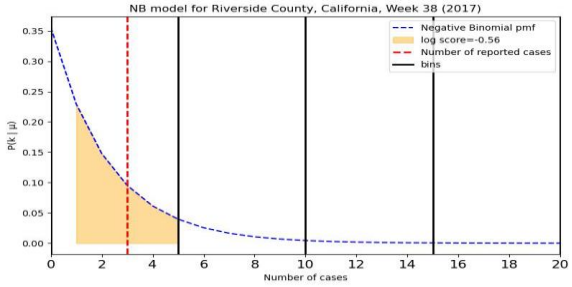

NB model for Riverside County, California, Week 33 (2017)
Negative Binomial pmf
log score=-0.93
Number of reported cases
bins
P(k | μ)
Number of cases

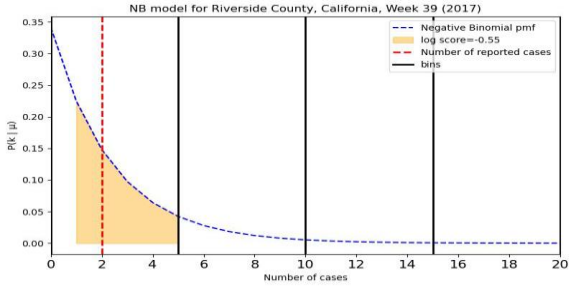

NB model for Riverside County, California, Week 34 (2017)
Negative Binomial pmf
log score=-0.78
Number of reported cases
bins
P(k | μ)
Number of cases

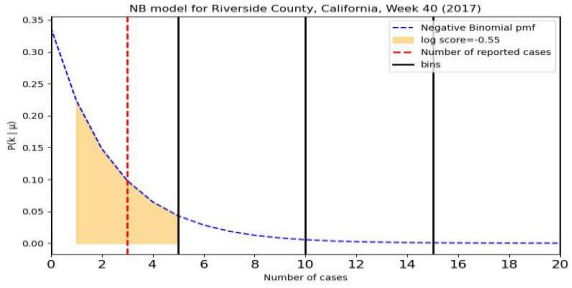

NB model for Riverside County, California, Week 35 (2017)
Negative Binomial pmf
log score=-0.68
Number of reported cases
bins
P(k | μ)
Number of cases

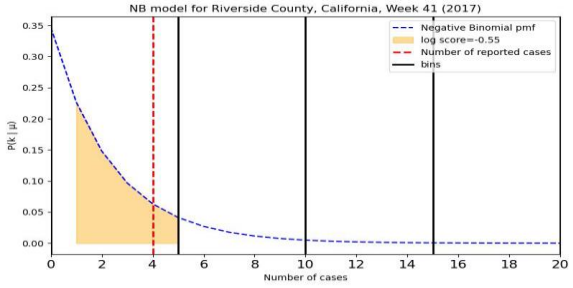

NB model for Riverside County, California, Week 36 (2017)
Negative Binomial pmf
log score=-0.61
Number of reported cases
bins
P(k | μ)
Number of cases

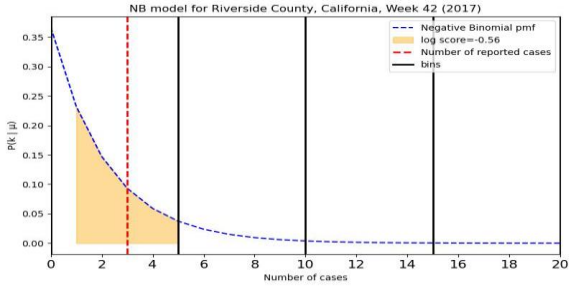

NB model for Riverside County, California, Week 37 (2017)
Negative Binomial pmf
log score=-0.58
Number of reported cases
bins
P(k | μ)
Number of cases

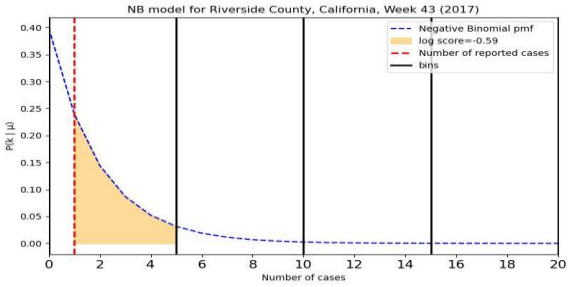

NB model for Riverside County, California, Week 38 (2017)
Negative Binomial pmf
log score=-0.56
Number of reported cases
bins
P(k | μ)
Number of cases

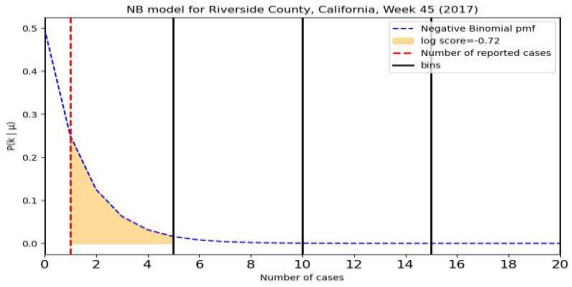

NB model for Riverside County, California, Week 39 (2017)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

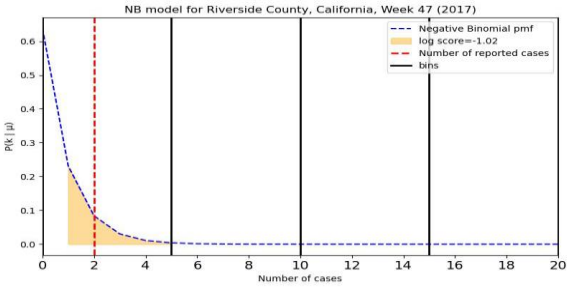

NB model for Riverside County, California, Week 40 (2017)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

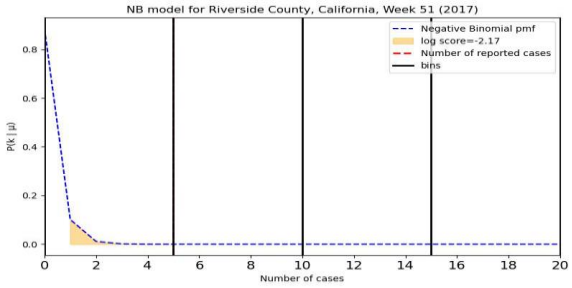

NB model for Riverside County, California, Week 41 (2017)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

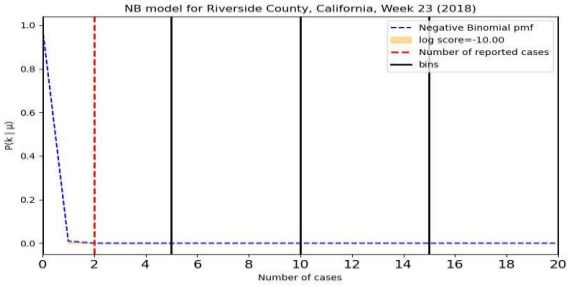

NB model for Riverside County, California, Week 42 (2017)
Negative Binomial pmf
log score=-0.56
Number of reported cases
bins
P(k | μ)
Number of cases

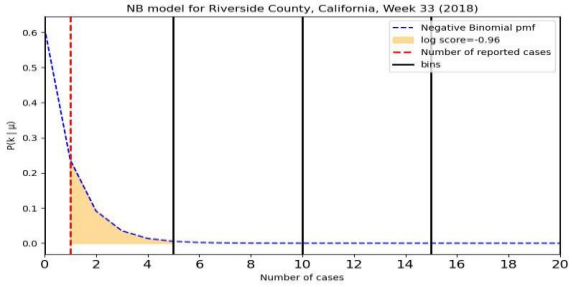

NB model for Riverside County, California, Week 43 (2017)
Negative Binomial pmf
log score=-0.59
Number of reported cases
bins
P(k | μ)
Number of cases

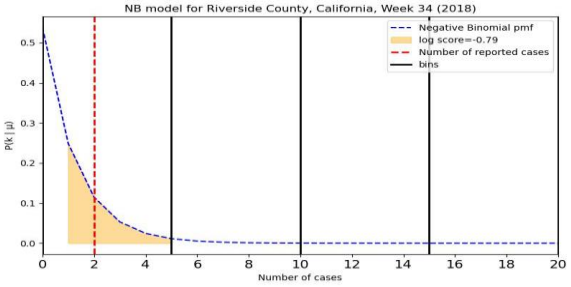

NB model for Riverside County, California, Week 45 (2017)
Negative Binomial pmf
log score=-0.72
Number of reported cases
bins
P(k | μ)
Number of cases

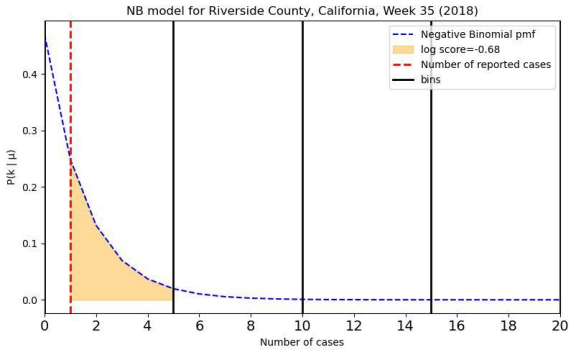

NB model for Riverside County, California, Week 47 (2017)
Negative Binomial pmf
log score=-1.02
Number of reported cases
bins
P(k | μ)
Number of cases

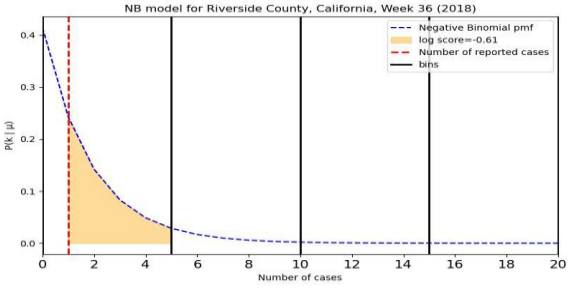

NB model for Riverside County, California, Week 51 (2017)
Negative Binomial pmf
log score=-2.17
Number of reported cases
bins
P(k | μ)
Number of cases

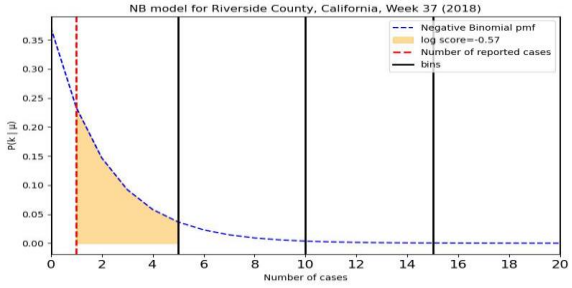

NB model for Riverside County, California, Week 23 (2018)
Negative Binomial pmf
log score=-10.00
Number of reported cases
bins
P(k | μ)
Number of cases

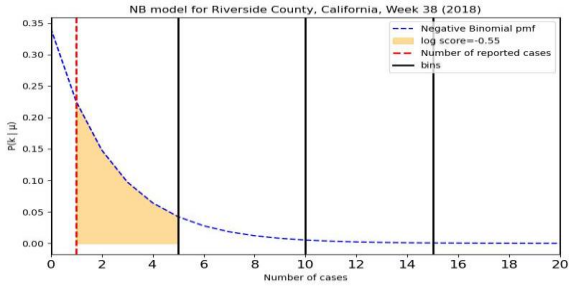

NB model for Riverside County, California, Week 33 (2018)
Negative Binomial pmf
log score=-0.96
Number of reported cases
bins
P(k | μ)
Number of cases

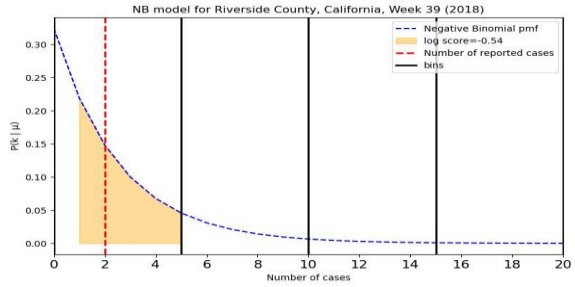

NB model for Riverside County, California, Week 34 (2018)
Negative Binomial pmf
log score=-0.79
Number of reported cases
bins
P(k | μ)
Number of cases

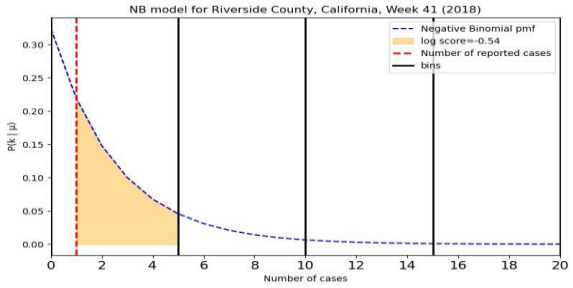

NB model for Riverside County, California, Week 35 (2018)
Negative Binomial pmf
log score=-0.68
Number of reported cases
bins
P(k | μ)
Number of cases

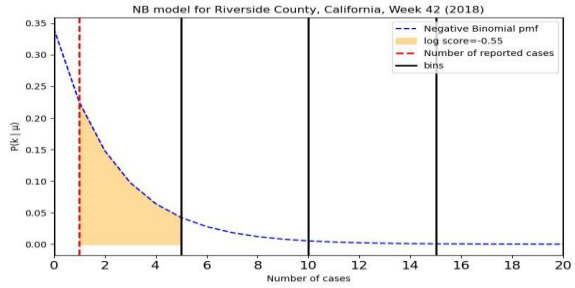

NB model for Riverside County, California, Week 36 (2018)
Negative Binomial pmf
log score=-0.61
Number of reported cases
bins
P(k | μ)
Number of cases

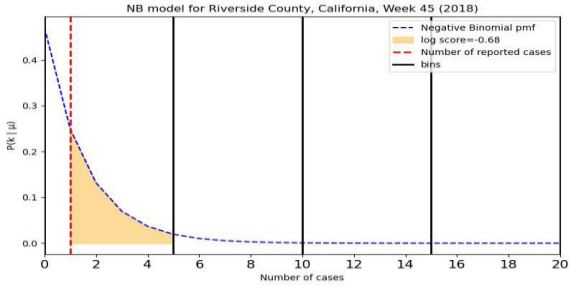

NB model for Riverside County, California, Week 37 (2018)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

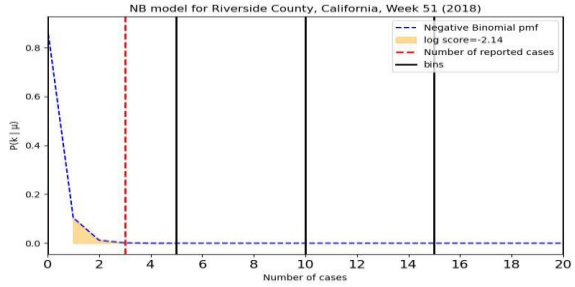

NB model for Riverside County, California, Week 38 (2018)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

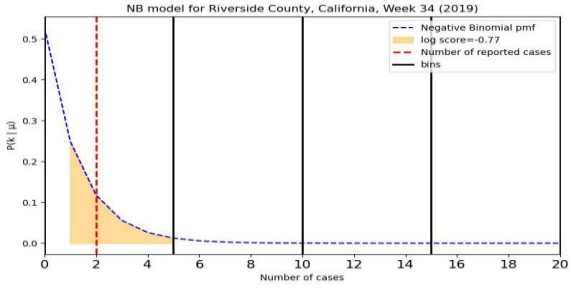

NB model for Riverside County, California, Week 39 (2018)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

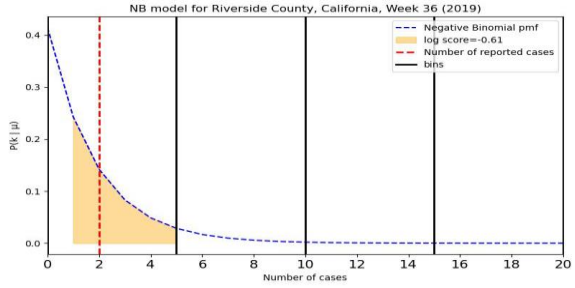

NB model for Riverside County, California, Week 41 (2018)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

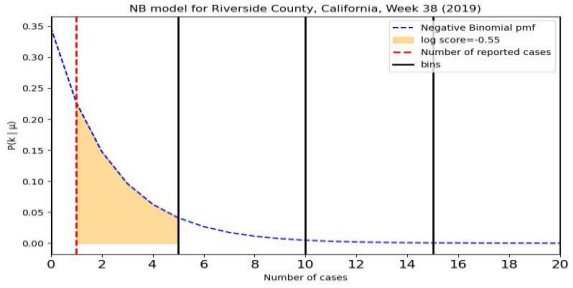

NB model for Riverside County, California, Week 42 (2018)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

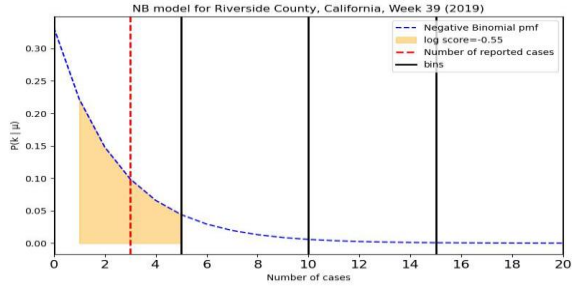

NB model for Riverside County, California, Week 45 (2018)
Negative Binomial pmf
log score=-0.68
Number of reported cases
bins
P(k | μ)
Number of cases

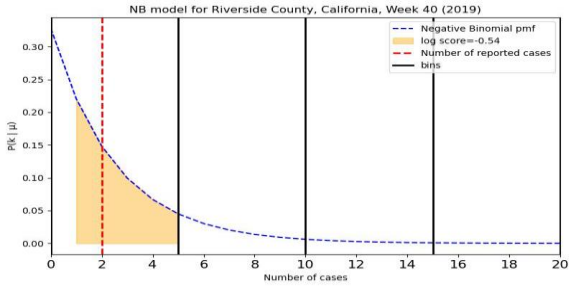

NB model for Riverside County, California, Week 51 (2018)
Negative Binomial pmf
log score=-2.14
Number of reported cases
bins
P(k | μ)
Number of cases

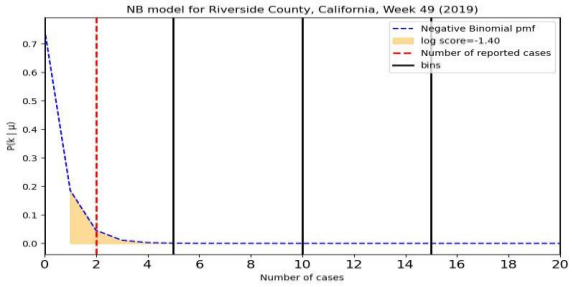

NB model for Riverside County, California, Week 34 (2019)
Negative Binomial pmf
log score=-0.77
Number of reported cases
bins
P(k | μ)
Number of cases

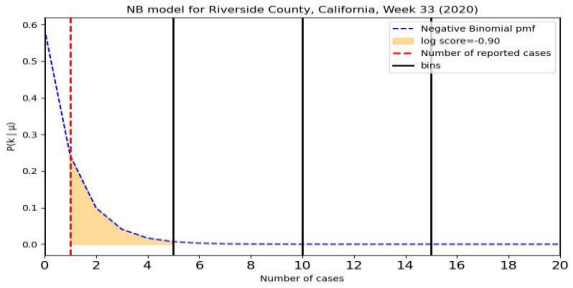

NB model for Riverside County, California, Week 36 (2019)
Negative Binomial pmf
log score=-0.61
Number of reported cases
bins
P(k | μ)
Number of cases

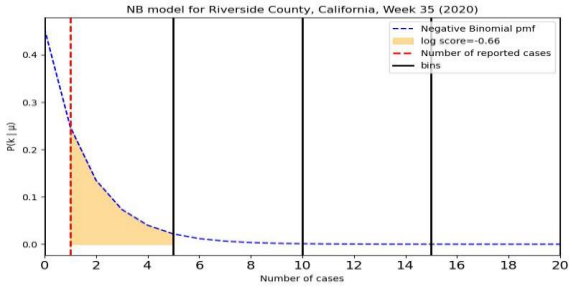

NB model for Riverside County, California, Week 38 (2019)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

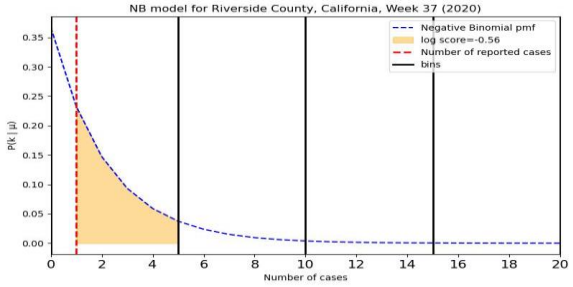

NB model for Riverside County, California, Week 39 (2019)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

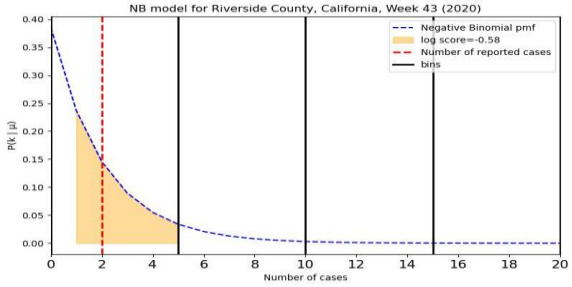

NB model for Riverside County, California, Week 40 (2019)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

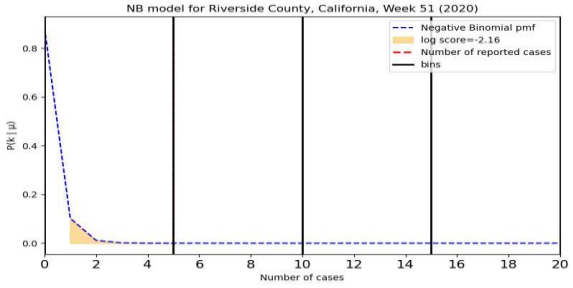

NB model for Riverside County, California, Week 49 (2019)
Negative Binomial pmf
log score=-1.40
Number of reported cases
bins
P(k | μ)
Number of cases

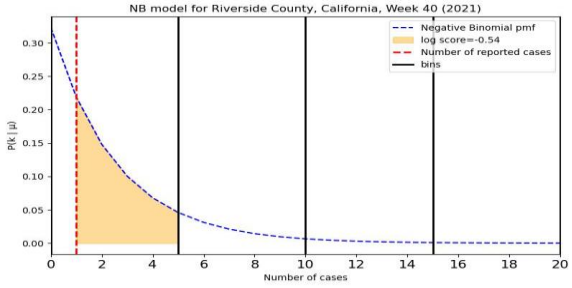

NB model for Riverside County, California, Week 33 (2020)
Negative Binomial pmf
log score=-0.90
Number of reported cases
bins
P(k | μ)
Number of cases

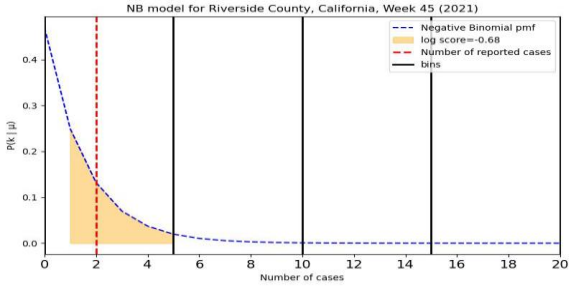

NB model for Riverside County, California, Week 35 (2020)
Negative Binomial pmf
log score=-0.66
Number of reported cases
bins
P(k | μ)
Number of cases

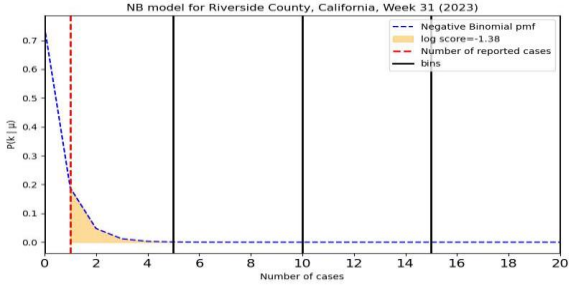

NB model for Riverside County, California, Week 37 (2020)
Negative Binomial pmf
log score=-0.56
Number of reported cases
bins
P(k | μ)
Number of cases

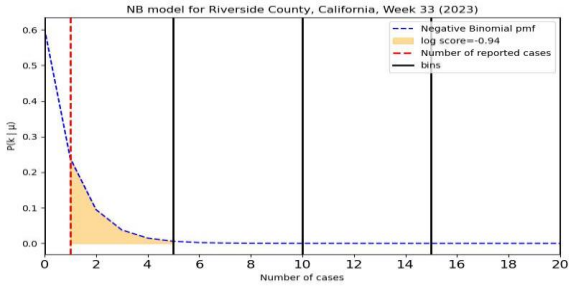

NB model for Riverside County, California, Week 43 (2020)
Negative Binomial pmf
log score=-0.58
Number of reported cases
bins
P(k | μ)
Number of cases

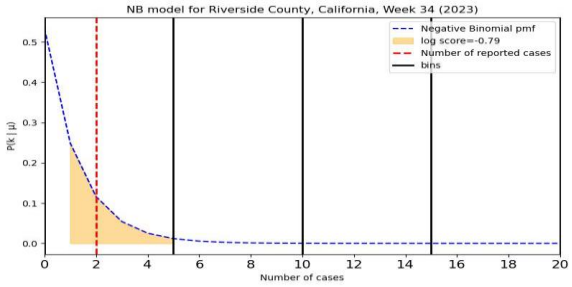

NB model for Riverside County, California, Week 51 (2020)
Negative Binomial pmf
log score=-2.16
Number of reported cases
bins
P(k | μ)
Number of cases

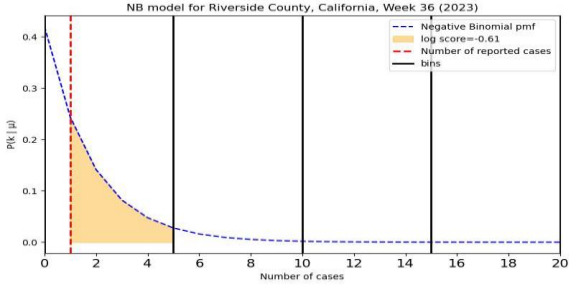

NB model for Riverside County, California, Week 40 (2021)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

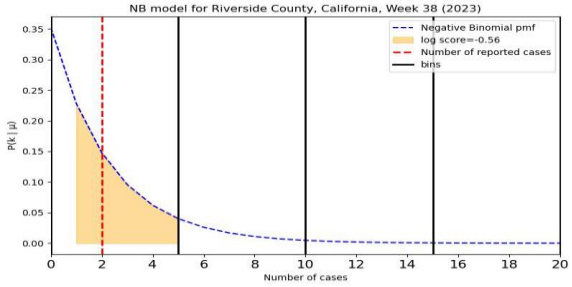

NB model for Riverside County, California, Week 45 (2021)
Negative Binomial pmf
log score=-0.68
Number of reported cases
bins
P(k | μ)
Number of cases

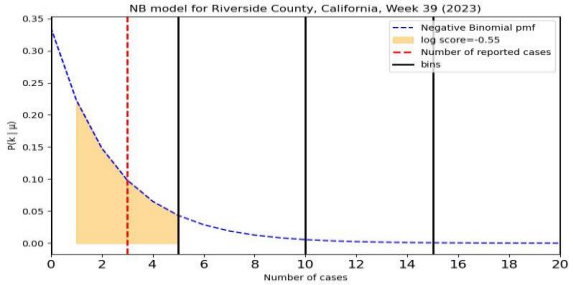

NB model for Riverside County, California, Week 31 (2023)
Negative Binomial pmf
log score=-1.38
Number of reported cases
bins
P(k | μ)
Number of cases

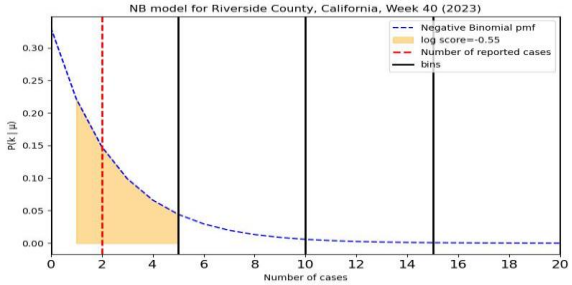

NB model for Riverside County, California, Week 33 (2023)
Negative Binomial pmf
log score=-0.94
Number of reported cases
bins
P(k | μ)
Number of cases

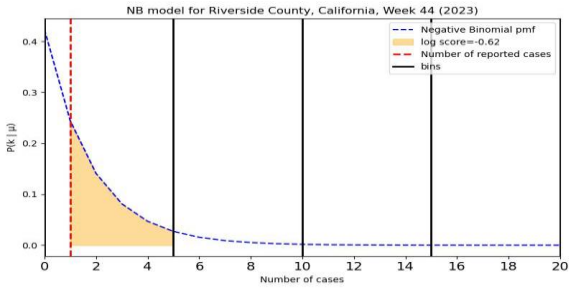

NB model for Riverside County, California, Week 34 (2023)
Negative Binomial pmf
log score=-0.79
Number of reported cases
bins
P(k | μ)
Number of cases

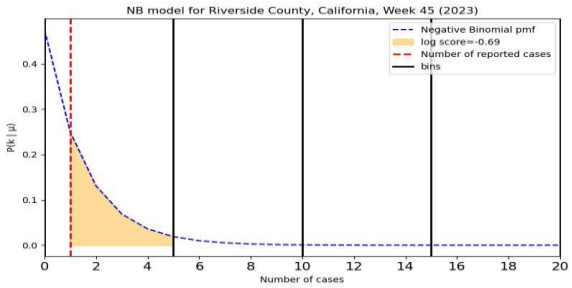

NB model for Riverside County, California, Week 36 (2023)
Negative Binomial pmf
log score=-0.61
Number of reported cases
bins
P(k | μ)
Number of cases

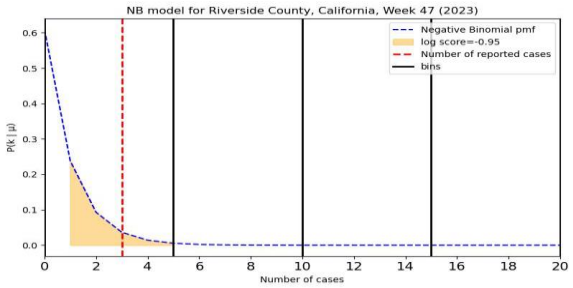

NB model for Riverside County, California, Week 38 (2023)
Negative Binomial pmf
log score=-0.56
Number of reported cases
bins
P(k | μ)
Number of cases

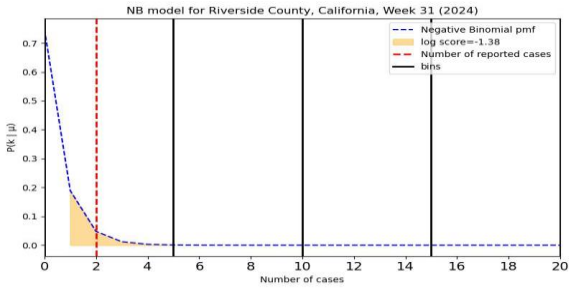

NB model for Riverside County, California, Week 39 (2023)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

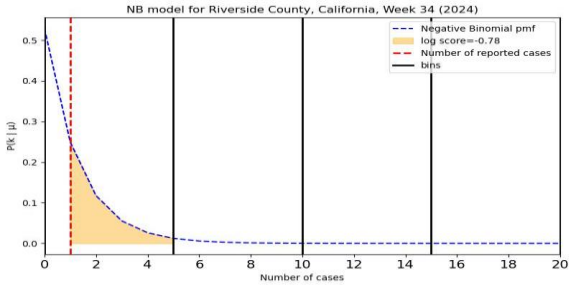

NB model for Riverside County, California, Week 40 (2023)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

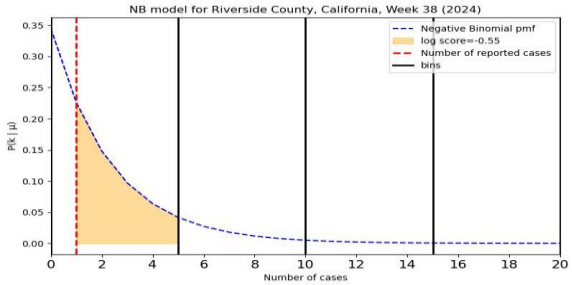

NB model for Riverside County, California, Week 44 (2023)
Negative Binomial pmf
log score=-0.62
Number of reported cases
bins
P(k | μ)
Number of cases

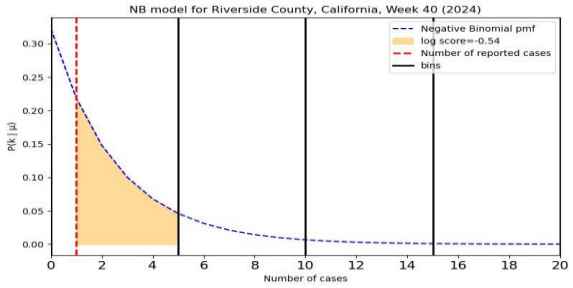

NB model for Riverside County, California, Week 45 (2023)
Negative Binomial pmf
log score=-0.69
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Riverside County, California, Week 47 (2023)
Negative Binomial pmf
log score=-0.95
Number of reported cases
bins
P(k | μ)
Number of cases

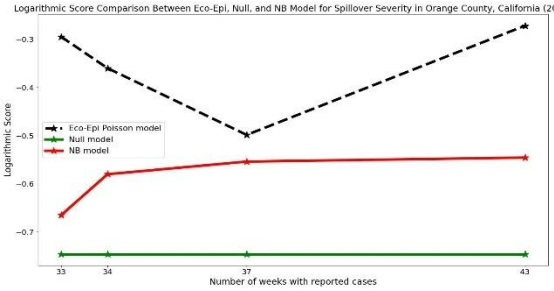

NB model for Riverside County, California, Week 31 (2024)
Negative Binomial pmf
log score=-1.38
Number of reported cases
bins
P(k | μ)
Number of cases

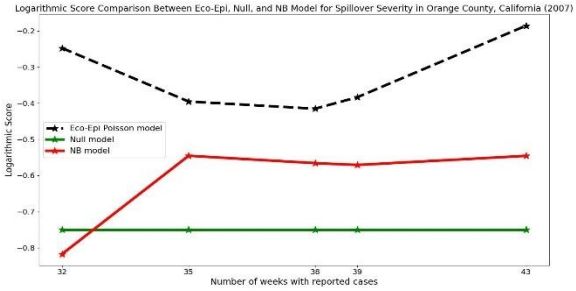


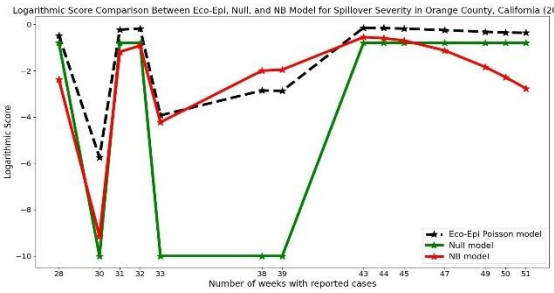


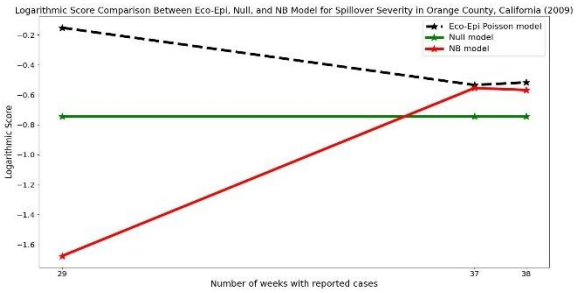


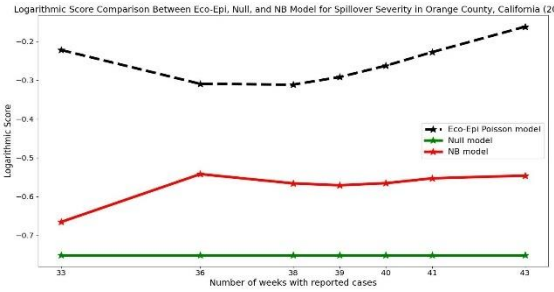
1.2.2.3 Logarithmic comparison of the models-Orange County, California (2006-2024):

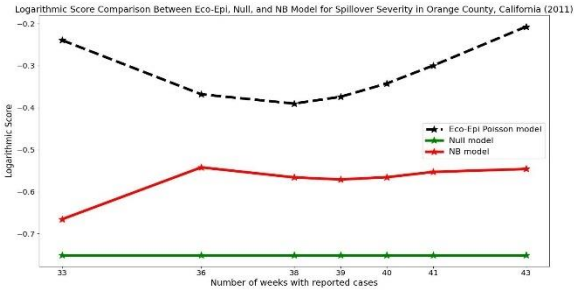


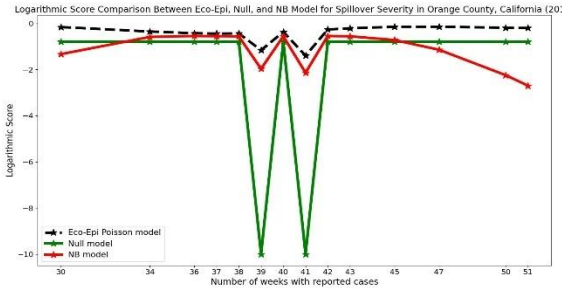


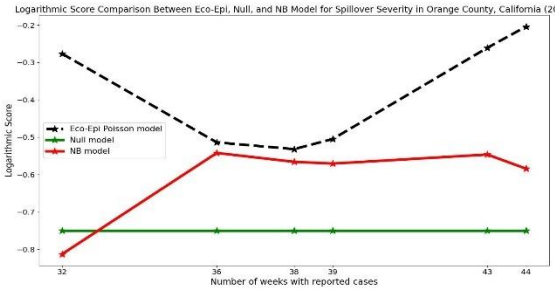


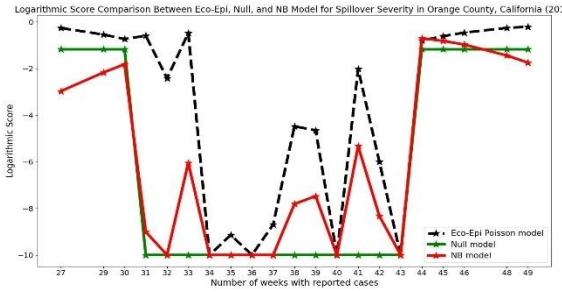


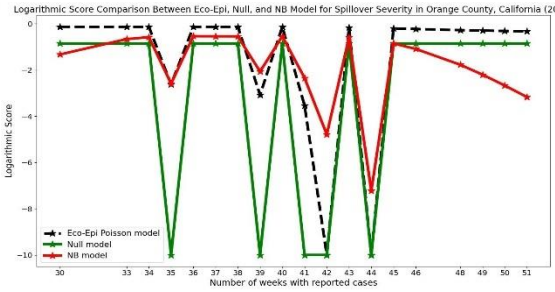


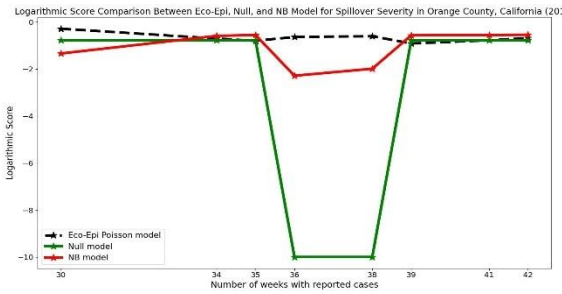


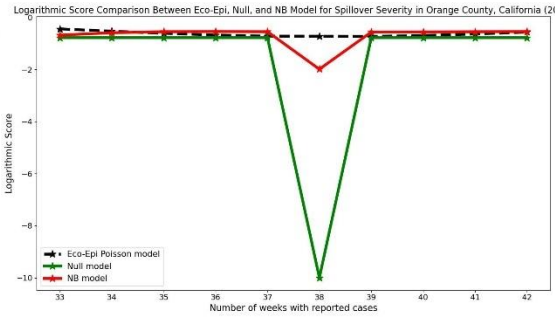

Logarithmic Score Comparison Between Eco-Epi, Null, and NB Model for Spillover Severity in Orange County, California (2012)
Logarithmic Score
Number of weeks with reported cases
Eco-Epi Poisson model
Null model
NB model

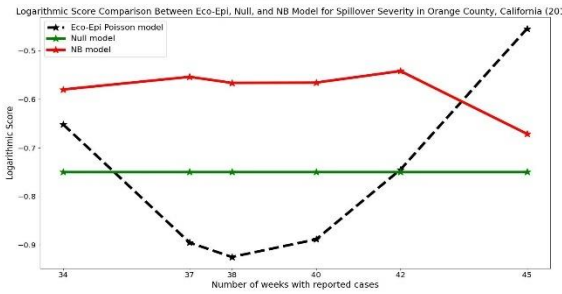

Logarithmic Score Comparison Between Eco-Epi, Null, and NB Model for Spillover Severity in Orange County, California (2013)
Logarithmic Score
Number of weeks with reported cases
Eco-Epi Poisson model
Null model
NB model

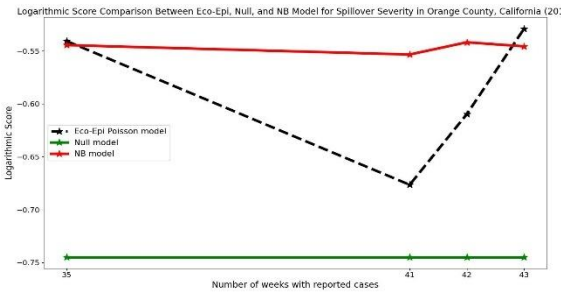

Logarithmic Score Comparison Between Eco-Epi, Null, and NB Model for Spillover Severity in Orange County, California (2014)
Logarithmic Score
Number of weeks with reported cases
Eco-Epi Poisson model
Null model
NB model

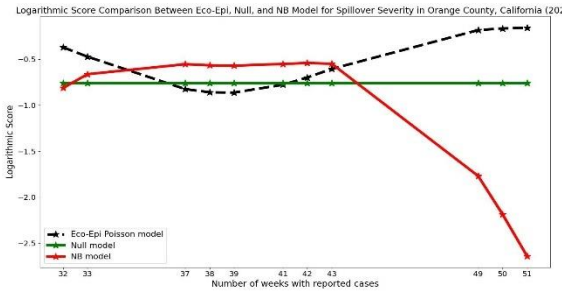

Logarithmic Score Comparison Between Eco-Epi, Null, and NB Model for Spillover Severity in Orange County, California (2015)
Logarithmic Score
Number of weeks with reported cases
Eco-Epi Poisson model
Null model
NB model

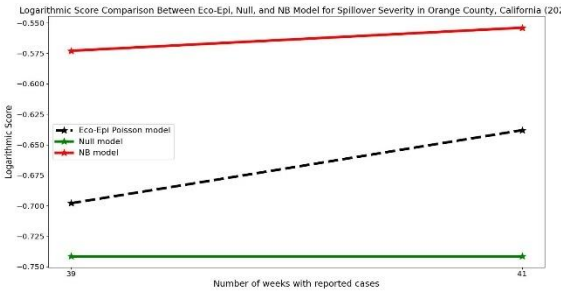

Logarithmic Score Comparison Between Eco-Epi, Null, and NB Model for Spillover Severity in Orange County, California (2016)
Logarithmic Score
Number of weeks with reported cases
Eco-Epi Poisson model
Null model
NB model

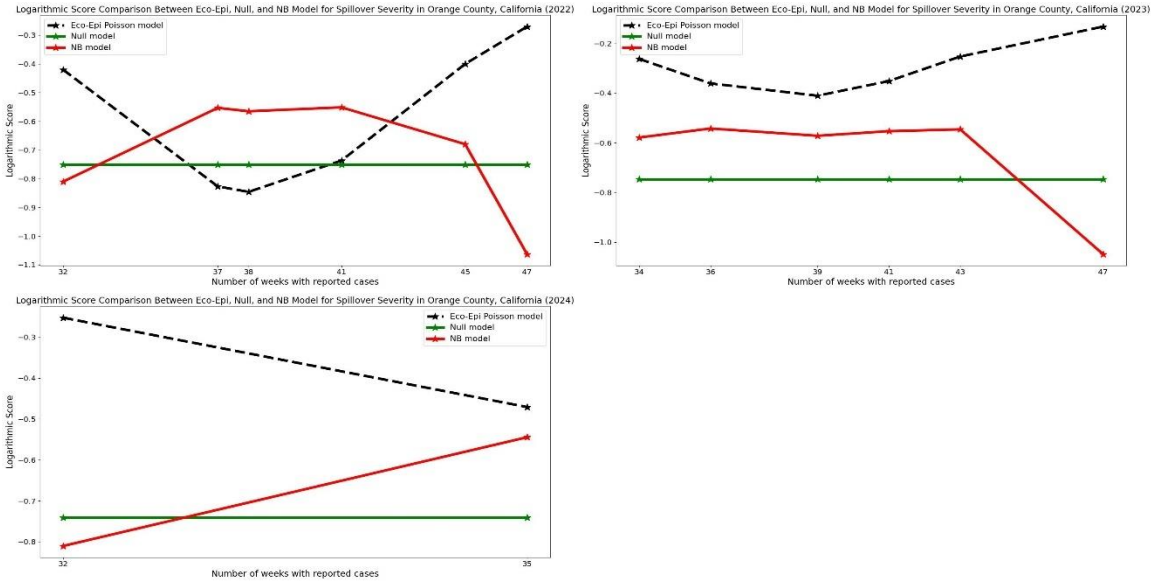

Logarithmic Score Comparison Between Eco-Epi, Null, and NB Model for Spillover Severity in Orange County, California (2017)
Logarithmic Score
Number of weeks with reported cases
Eco-Epi Poisson model
Null model
NB model


Logarithmic Score Comparison Between Eco-Epi, Null, and NB Model for Spillover Severity in Orange County, California (2018)
Logarithmic Score
Number of weeks with reported cases
Eco-Epi Poisson model
Null model
NB model

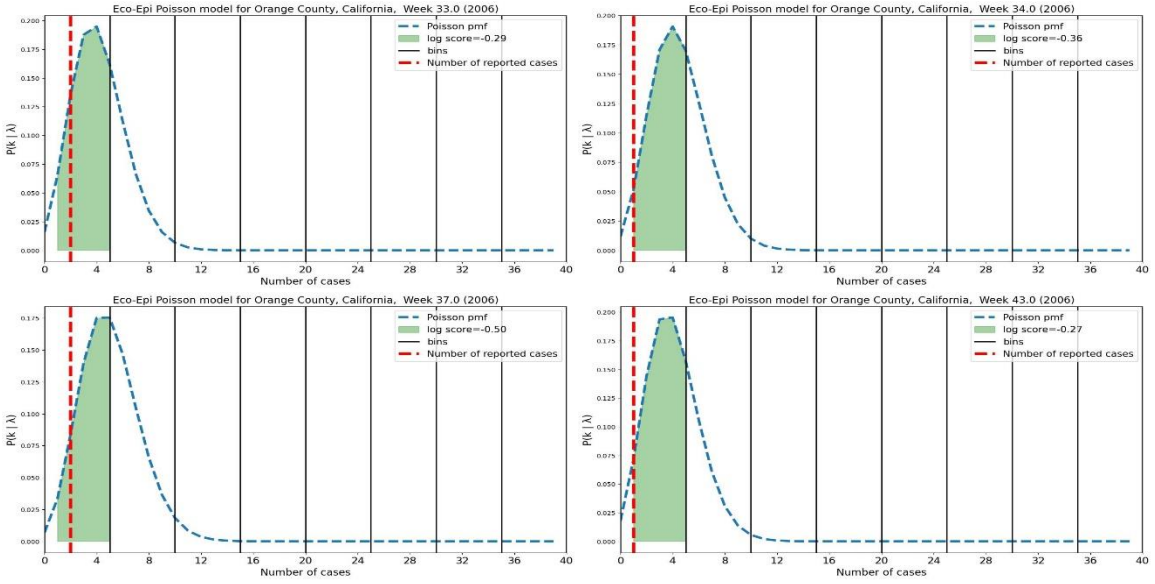

Logarithmic Score Comparison Between Eco-Epi, Null, and NB Model for Spillover Severity in Orange County, California (2019)
Logarithmic Score
Number of weeks with reported cases
Eco-Epi Poisson model
Null model
NB model


Logarithmic Score Comparison Between Eco-Epi, Null, and NB Model for Spillover Severity in Orange County, California (2020)
Logarithmic Score
Number of weeks with reported cases
Eco-Epi Poisson model
Null model
NB model

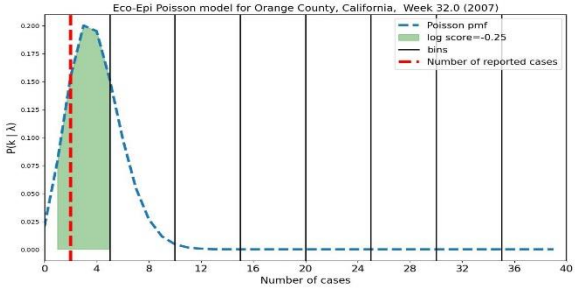

Logarithmic Score Comparison Between Eco-Epi, Null, and NB Model for Spillover Severity in Orange County, California (2021)
Logarithmic Score
Number of weeks with reported cases
Eco-Epi Poisson model
Null model
NB model

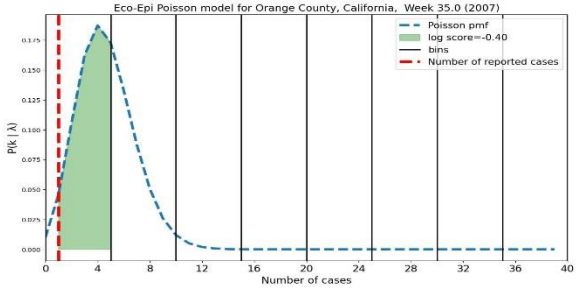


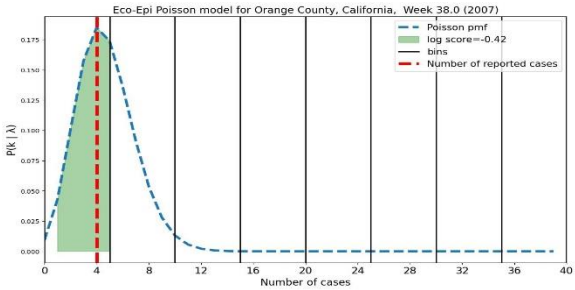
1.2.2.4 Predicted Poisson and NB pmfs and logarithmic score-Orange County, California: 2006

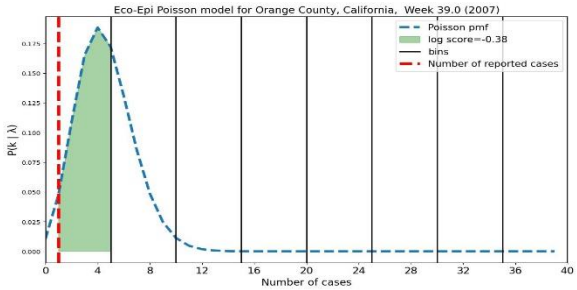


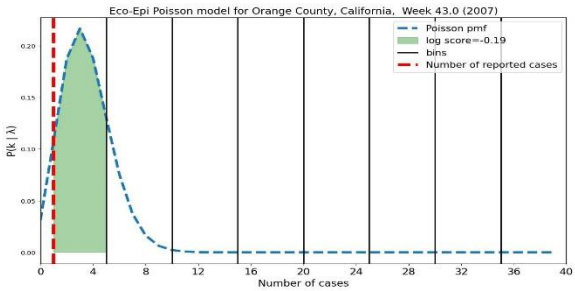
2007


Eco-Epi Poisson model for Orange County, California, Week 32.0 (2007)
Poisson pmf
log score=-0.25
bins
Number of reported cases
P(k | λ)
Number of cases

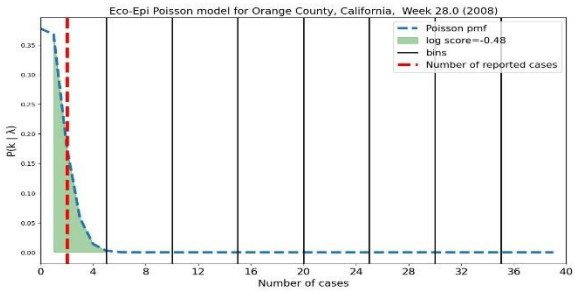

Eco-Epi Poisson model for Orange County, California, Week 35.0 (2007)
Poisson pmf
log score=-0.40
bins
Number of reported cases
P(k | λ)
Number of cases

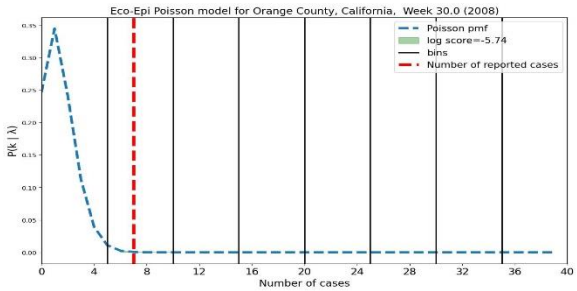

Eco-Epi Poisson model for Orange County, California, Week 38.0 (2007)
Poisson pmf
log score=-0.42
bins
Number of reported cases
P(k | λ)
Number of cases

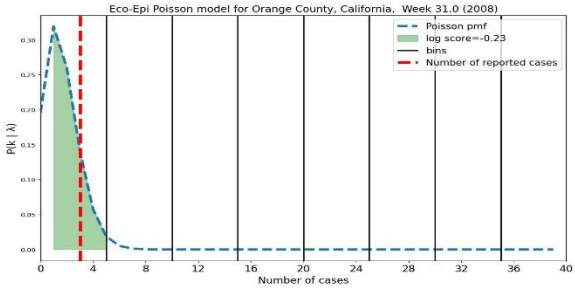

Eco-Epi Poisson model for Orange County, California, Week 39.0 (2007)
Poisson pmf
log score=-0.38
bins
Number of reported cases
P(k | λ)
Number of cases

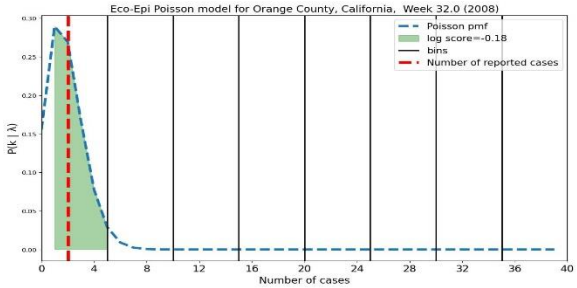

Eco-Epi Poisson model for Orange County, California, Week 43.0 (2007)
Poisson pmf
log score=-0.19
bins
Number of reported cases
P(k | λ)
Number of cases

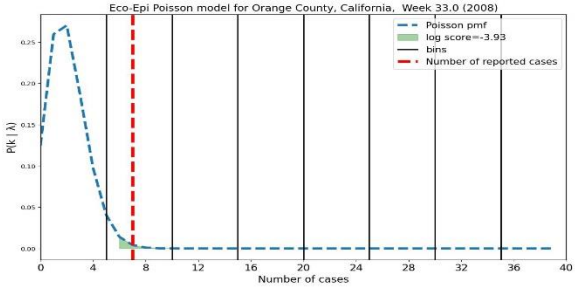
2008

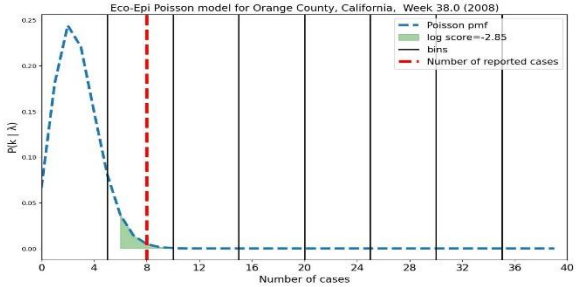

Eco-Epi Poisson model for Orange County, California, Week 28.0 (2008)
Poisson pmf
log score=-0.48
bins
Number of reported cases
P(k | λ)
Number of cases

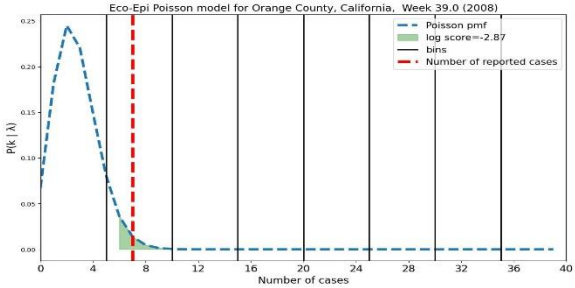

Eco-Epi Poisson model for Orange County, California, Week 30.0 (2008)
Poisson pmf
log score=-5.74
bins
Number of reported cases
P(k | λ)
Number of cases

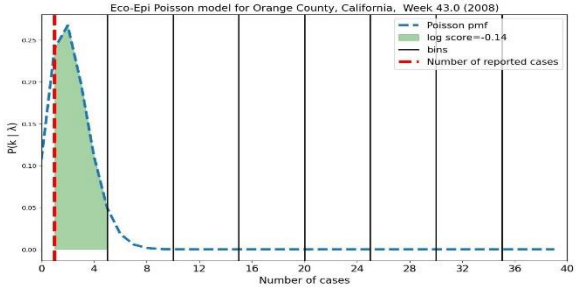

Eco-Epi Poisson model for Orange County, California, Week 31.0 (2008)
Poisson pmf
log score=-0.23
bins
Number of reported cases
P(k | λ)
Number of cases

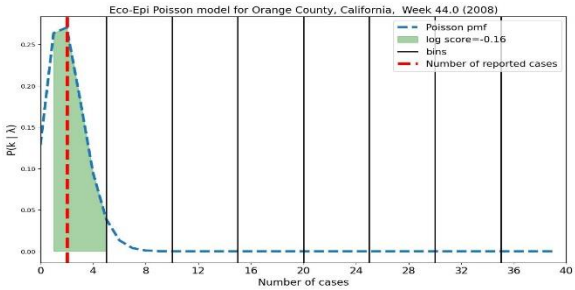

Eco-Epi Poisson model for Orange County, California, Week 32.0 (2008)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases

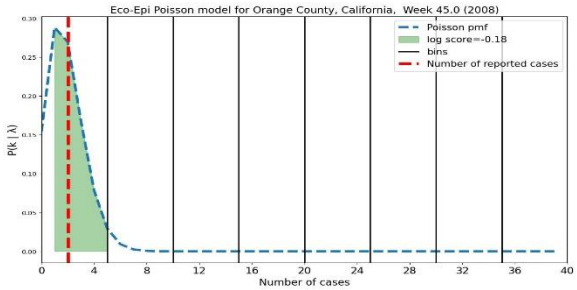

Eco-Epi Poisson model for Orange County, California, Week 33.0 (2008)
Poisson pmf
log score=-3.93
bins
Number of reported cases
P(k | λ)
Number of cases

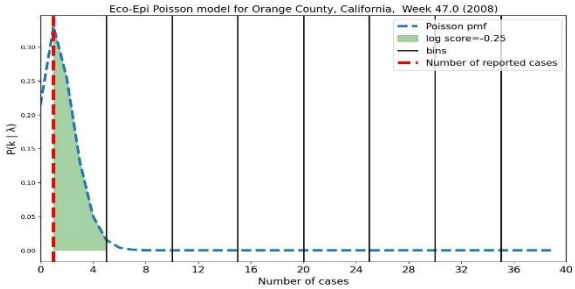

Eco-Epi Poisson model for Orange County, California, Week 38.0 (2008)
Poisson pmf
log score=-2.85
bins
Number of reported cases
P(k | λ)
Number of cases

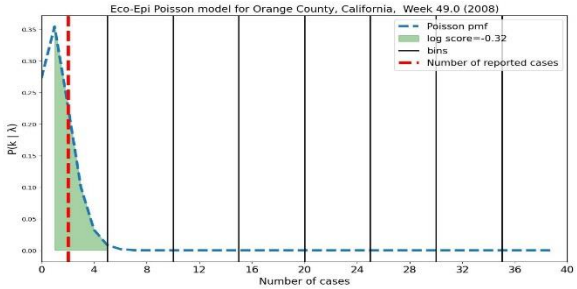

Eco-Epi Poisson model for Orange County, California, Week 39.0 (2008)
Poisson pmf
log score=-2.87
bins
Number of reported cases
P(k | λ)
Number of cases

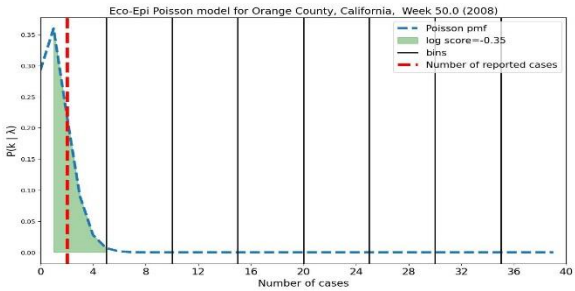

Eco-Epi Poisson model for Orange County, California, Week 43.0 (2008)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

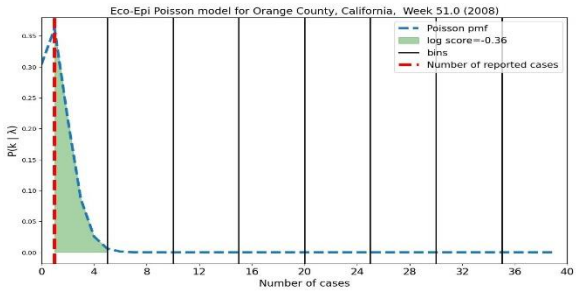

Eco-Epi Poisson model for Orange County, California, Week 44.0 (2008)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Orange County, California, Week 45.0 (2008)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases

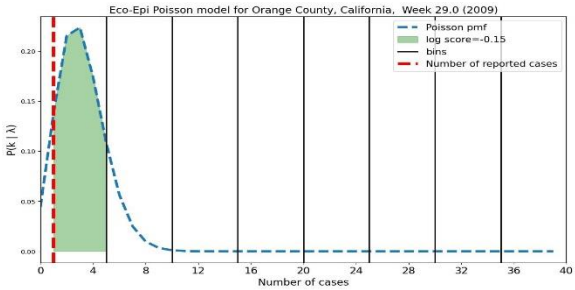

Eco-Epi Poisson model for Orange County, California, Week 47.0 (2008)
Poisson pmf
log score=-0.25
bins
Number of reported cases
P(k | λ)
Number of cases

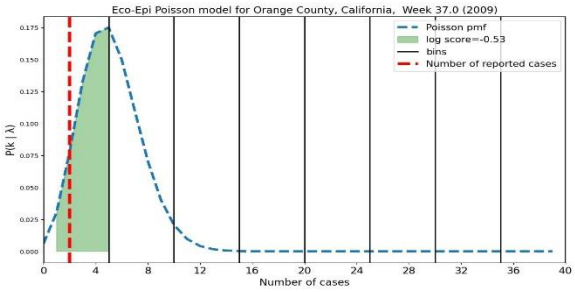

Eco-Epi Poisson model for Orange County, California, Week 49.0 (2008)
Poisson pmf
log score=-0.32
bins
Number of reported cases
P(k | λ)
Number of cases

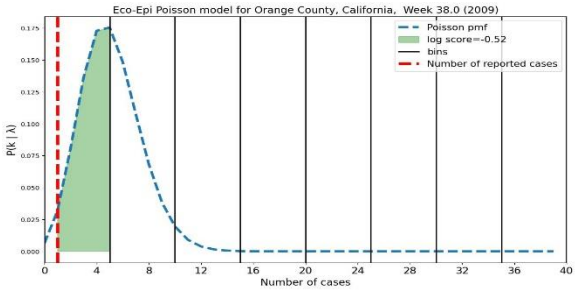

Eco-Epi Poisson model for Orange County, California, Week 50.0 (2008)
Poisson pmf
log score=-0.35
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Orange County, California, Week 51.0 (2008)
Poisson pmf
log score=-0.36
bins
Number of reported cases
P(k | λ)
Number of cases

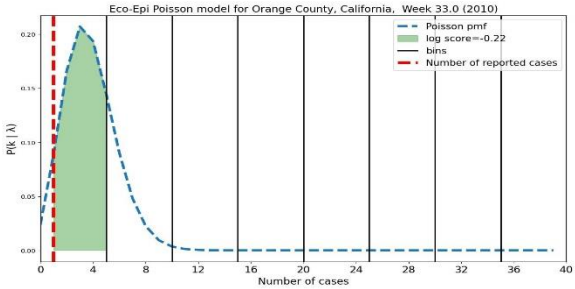
2009

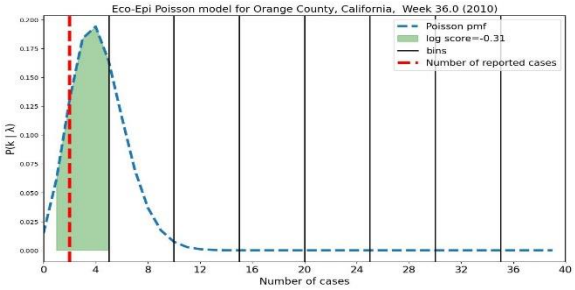

Eco-Epi Poisson model for Orange County, California, Week 29.0 (2009)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

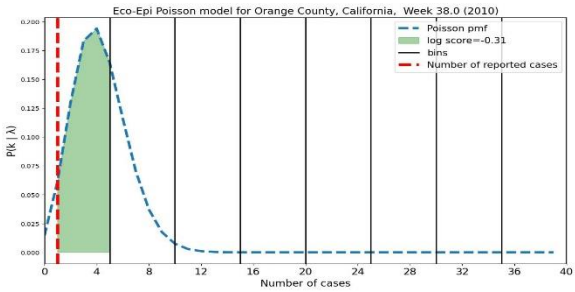

Eco-Epi Poisson model for Orange County, California, Week 37.0 (2009)
Poisson pmf
log score=-0.53
bins
Number of reported cases
P(k | λ)
Number of cases

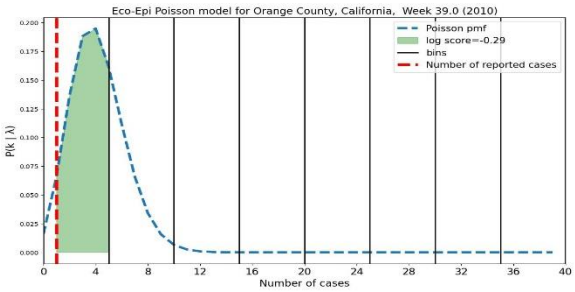

Eco-Epi Poisson model for Orange County, California, Week 38.0 (2009)
Poisson pmf
log score=-0.52
bins
Number of reported cases
P(k | λ)
Number of cases

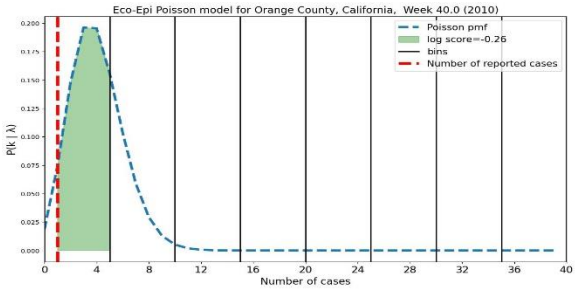
2010

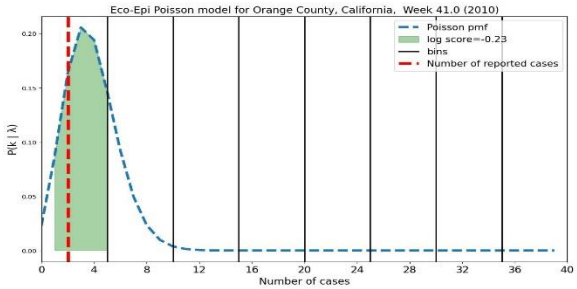

Eco-Epi Poisson model for Orange County, California, Week 33.0 (2010)
Poisson pmf
log score=-0.22
bins
Number of reported cases
P(k | λ)
Number of cases

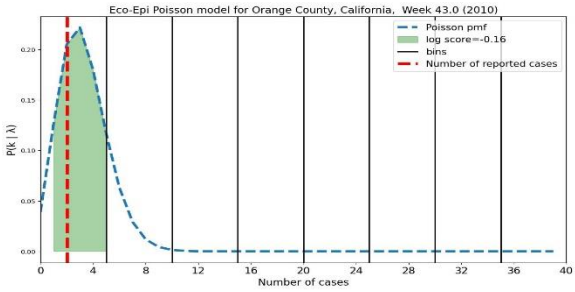

Eco-Epi Poisson model for Orange County, California, Week 36.0 (2010)
Poisson pmf
log score=-0.31
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Orange County, California, Week 38.0 (2010)
Poisson pmf
log score=-0.31
bins
Number of reported cases
P(k | λ)
Number of cases

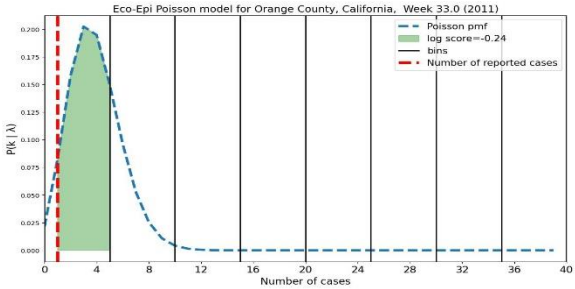

Eco-Epi Poisson model for Orange County, California, Week 39.0 (2010)
Poisson pmf
log score=-0.29
bins
Number of reported cases
P(k | λ)
Number of cases

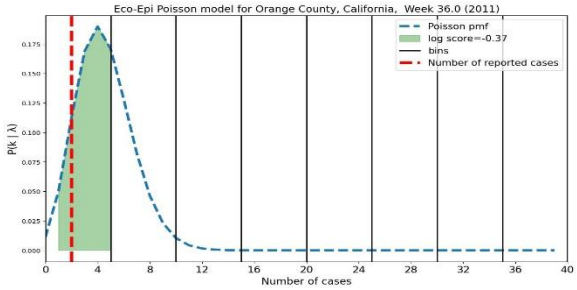

Eco-Epi Poisson model for Orange County, California, Week 40.0 (2010)
Poisson pmf
log score=-0.26
bins
Number of reported cases
P(k | λ)
Number of cases

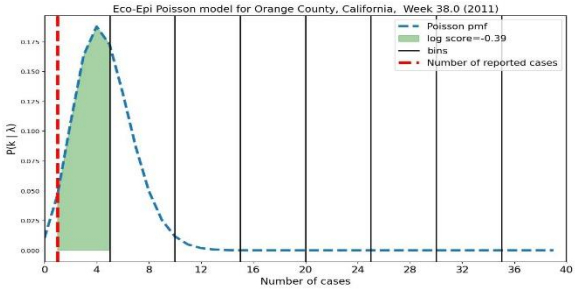

Eco-Epi Poisson model for Orange County, California, Week 41.0 (2010)
Poisson pmf
log score=-0.23
bins
Number of reported cases
P(k | λ)
Number of cases

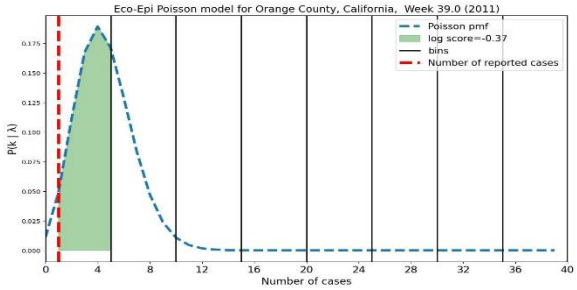

Eco-Epi Poisson model for Orange County, California, Week 43.0 (2010)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

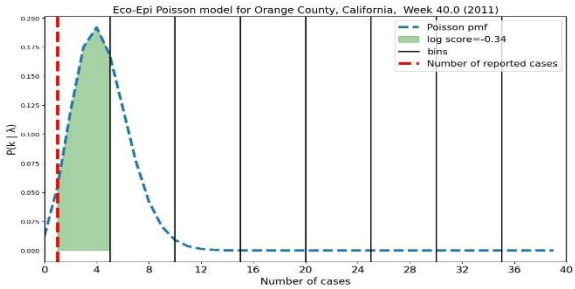
2011

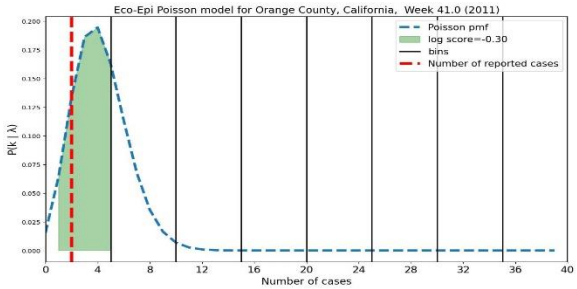

Eco-Epi Poisson model for Orange County, California, Week 33.0 (2011)
Poisson pmf
log score=-0.24
bins
Number of reported cases
P(k | λ)
Number of cases

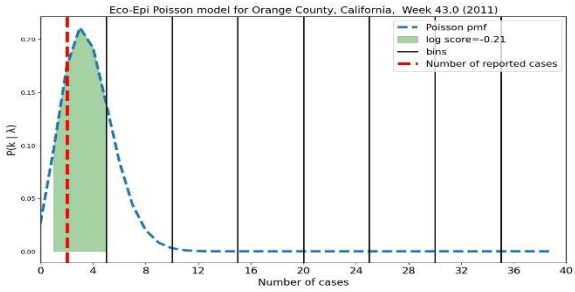

Eco-Epi Poisson model for Orange County, California, Week 36.0 (2011)
Poisson pmf
log score=-0.37
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Orange County, California, Week 38.0 (2011)
Poisson pmf
log score=-0.39
bins
Number of reported cases
P(k | λ)
Number of cases

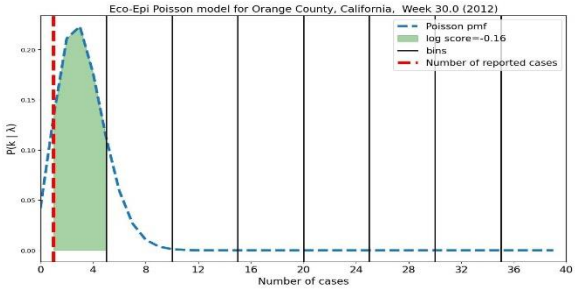

Eco-Epi Poisson model for Orange County, California, Week 39.0 (2011)
Poisson pmf
log score=-0.37
bins
Number of reported cases
P(k | λ)
Number of cases

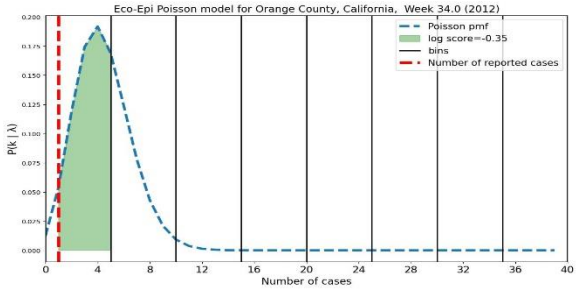

Eco-Epi Poisson model for Orange County, California, Week 40.0 (2011)
Poisson pmf
log score=-0.34
bins
Number of reported cases
P(k | λ)
Number of cases

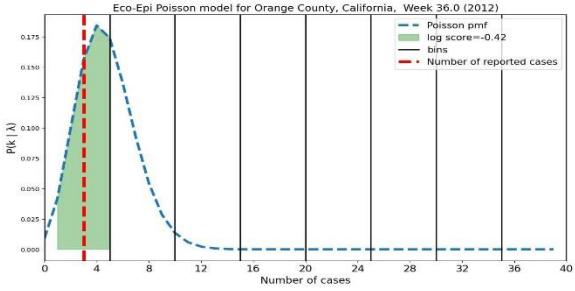

Eco-Epi Poisson model for Orange County, California, Week 41.0 (2011)
Poisson pmf
log score=-0.30
bins
Number of reported cases
P(k | λ)
Number of cases

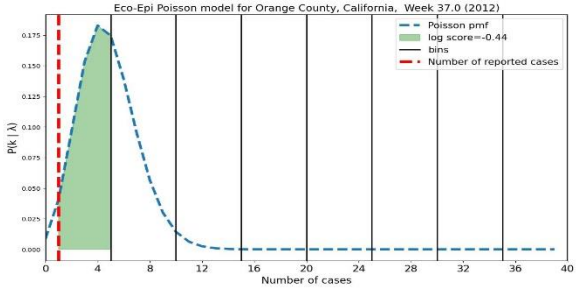

Eco-Epi Poisson model for Orange County, California, Week 43.0 (2011)
Poisson pmf
log score=-0.21
bins
Number of reported cases
P(k | λ)
Number of cases

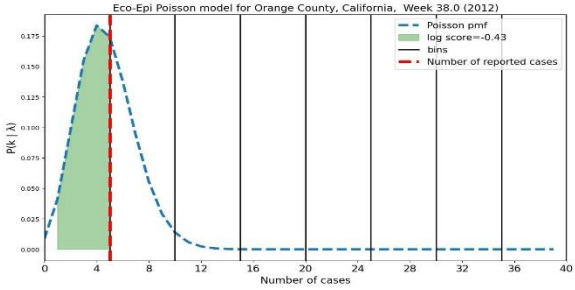
2012

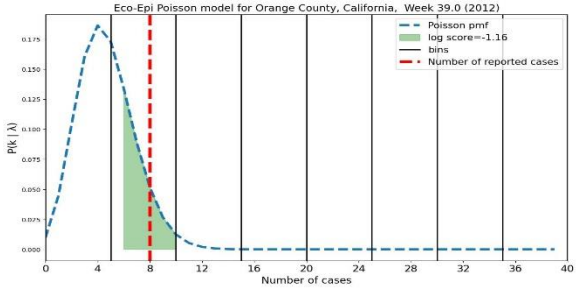

Eco-Epi Poisson model for Orange County, California, Week 30.0 (2012)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

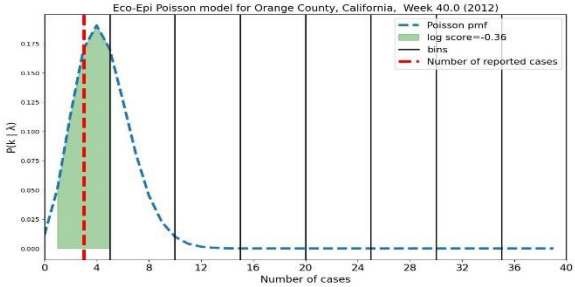

Eco-Epi Poisson model for Orange County, California, Week 34.0 (2012)
Poisson pmf
log score=-0.35
bins
Number of reported cases
P(k | λ)
Number of cases

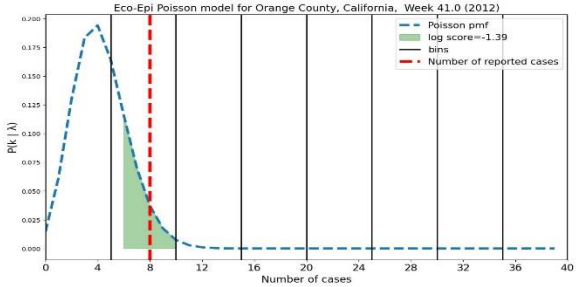

Eco-Epi Poisson model for Orange County, California, Week 36.0 (2012)
Poisson pmf
log score=-0.42
bins
Number of reported cases
P(k | λ)
Number of cases

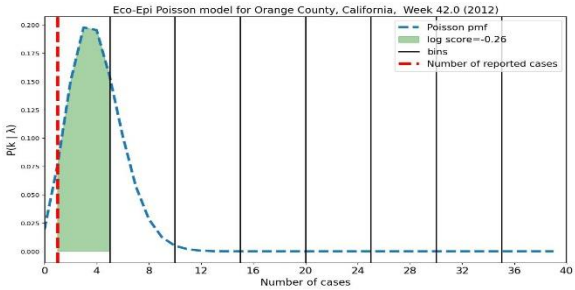

Eco-Epi Poisson model for Orange County, California, Week 37.0 (2012)
Poisson pmf
log score=-0.44
bins
Number of reported cases
P(k | λ)
Number of cases

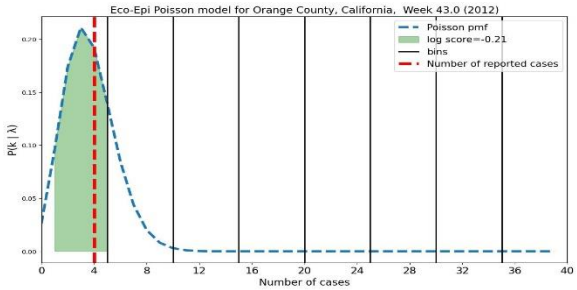

Eco-Epi Poisson model for Orange County, California, Week 38.0 (2012)
Poisson pmf
log score=-0.43
bins
Number of reported cases
P(k | λ)
Number of cases

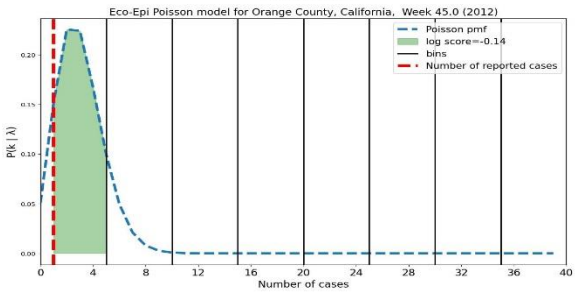

Eco-Epi Poisson model for Orange County, California, Week 39.0 (2012)
Poisson pmf
log score=-1.16
bins
Number of reported cases
P(k | λ)
Number of cases

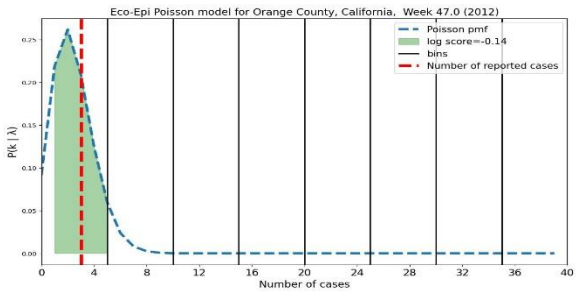

Eco-Epi Poisson model for Orange County, California, Week 40.0 (2012)
Poisson pmf
log score=-0.36
bins
Number of reported cases
P(k | λ)
Number of cases

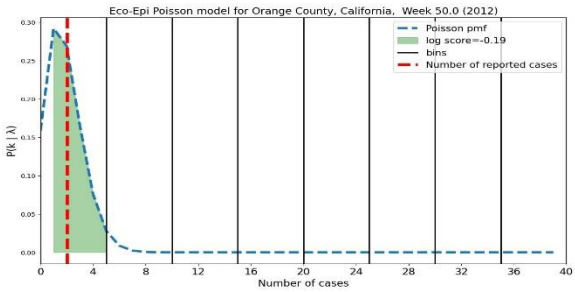

Eco-Epi Poisson model for Orange County, California, Week 41.0 (2012)
Poisson pmf
log score=-1.39
bins
Number of reported cases
P(k | λ)
Number of cases

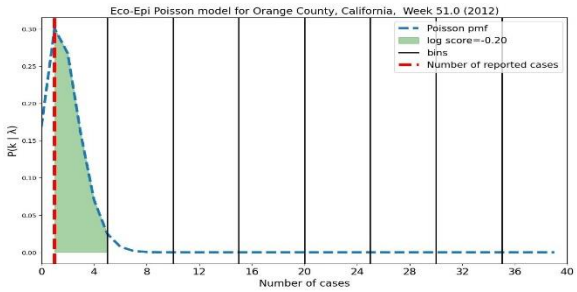

Eco-Epi Poisson model for Orange County, California, Week 42.0 (2012)
Poisson pmf
log score=-0.26
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Orange County, California, Week 43.0 (2012)
Poisson pmf
log score=-0.21
bins
Number of reported cases
P(k | λ)
Number of cases

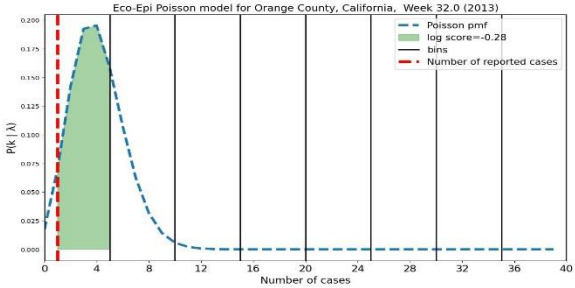

Eco-Epi Poisson model for Orange County, California, Week 45.0 (2012)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

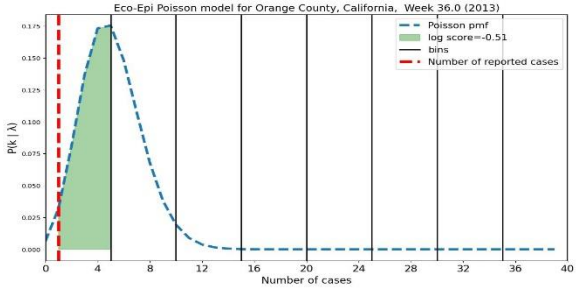

Eco-Epi Poisson model for Orange County, California, Week 47.0 (2012)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

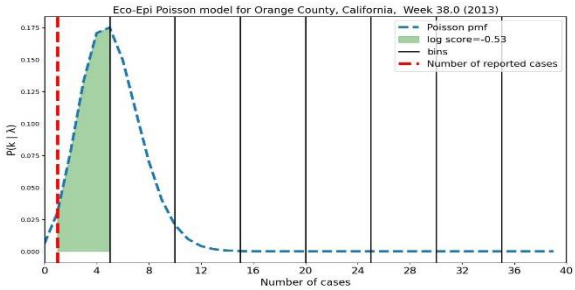

Eco-Epi Poisson model for Orange County, California, Week 50.0 (2012)
Poisson pmf
log score=-0.19
bins
Number of reported cases
P(k | λ)
Number of cases

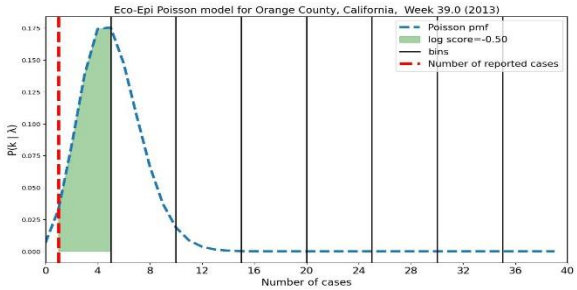

Eco-Epi Poisson model for Orange County, California, Week 51.0 (2012)
Poisson pmf
log score=-0.20
bins
Number of reported cases
P(k | λ)
Number of cases

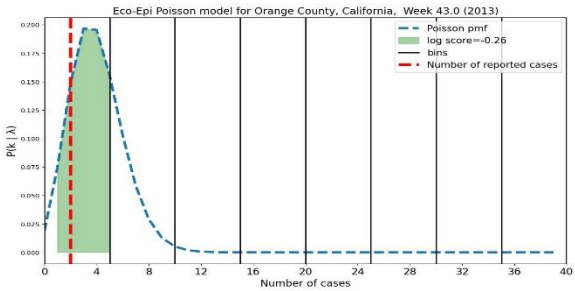
2013

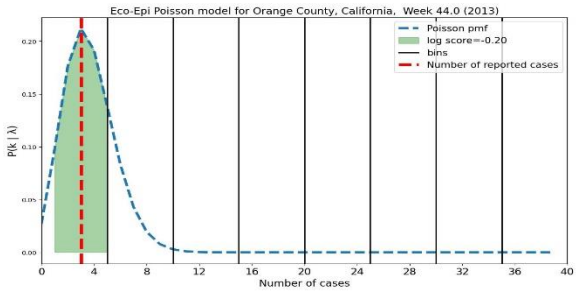

Eco-Epi Poisson model for Orange County, California, Week 32.0 (2013)
Poisson pmf
log score=-0.28
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Orange County, California, Week 36.0 (2013)
Poisson pmf
log score=-0.51
bins
Number of reported cases
P(k | λ)
Number of cases

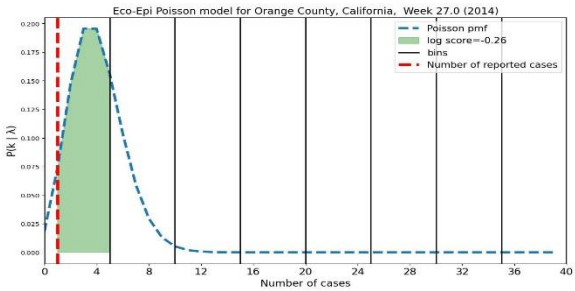

Eco-Epi Poisson model for Orange County, California, Week 38.0 (2013)
Poisson pmf
log score=-0.53
bins
Number of reported cases
P(k | λ)
Number of cases

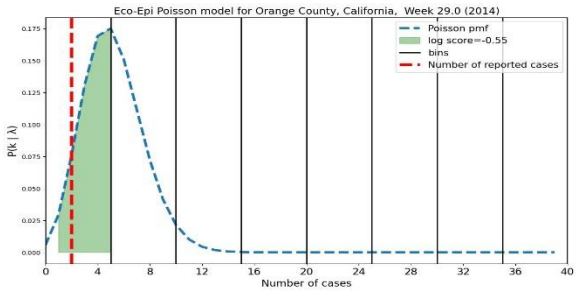

Eco-Epi Poisson model for Orange County, California, Week 39.0 (2013)
Poisson pmf
log score=-0.50
bins
Number of reported cases
P(k | λ)
Number of cases

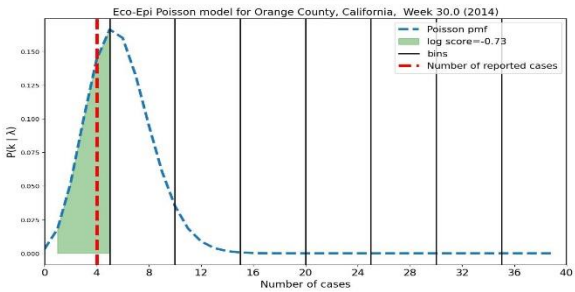

Eco-Epi Poisson model for Orange County, California, Week 43.0 (2013)
Poisson pmf
log score=-0.26
bins
Number of reported cases
P(k | λ)
Number of cases

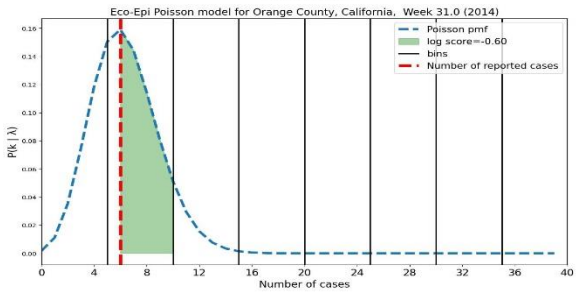

Eco-Epi Poisson model for Orange County, California, Week 44.0 (2013)
Poisson pmf
log score=-0.20
bins
Number of reported cases
P(k | λ)
Number of cases

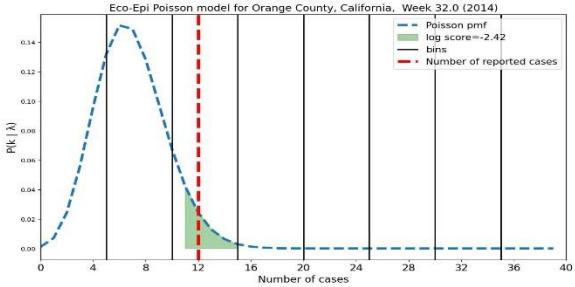
2014

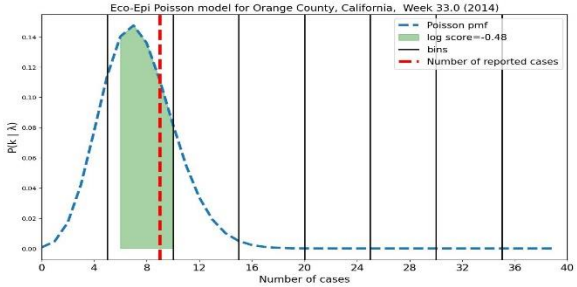

Eco-Epi Poisson model for Orange County, California, Week 27.0 (2014)
Poisson pmf
log score=-0.26
bins
Number of reported cases
P(k | λ)
Number of cases

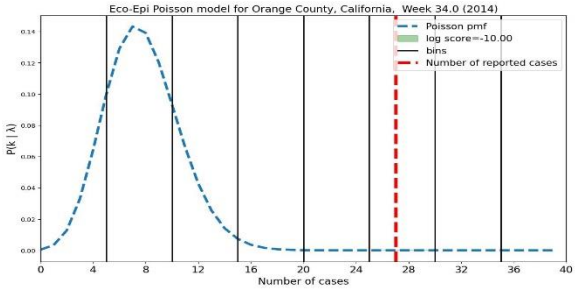

Eco-Epi Poisson model for Orange County, California, Week 29.0 (2014)
Poisson pmf
log score=-0.55
bins
Number of reported cases
P(k | λ)
Number of cases

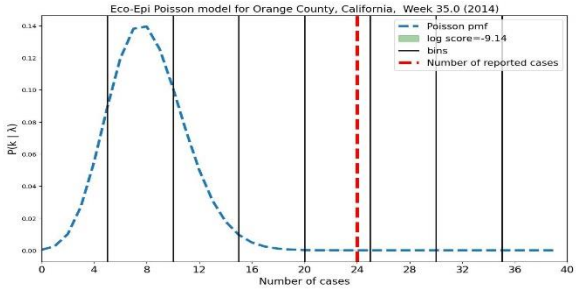

Eco-Epi Poisson model for Orange County, California, Week 30.0 (2014)
Poisson pmf
log score=-0.73
bins
Number of reported cases
P(k | λ)
Number of cases

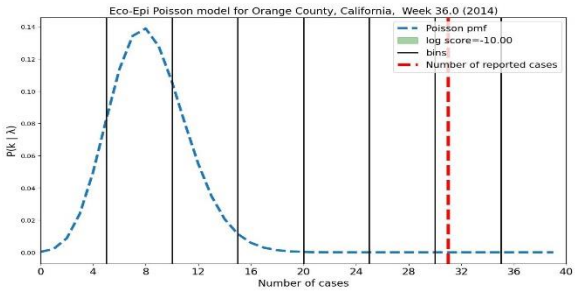

Eco-Epi Poisson model for Orange County, California, Week 31.0 (2014)
Poisson pmf
log score=-0.60
bins
Number of reported cases
P(k | λ)
Number of cases

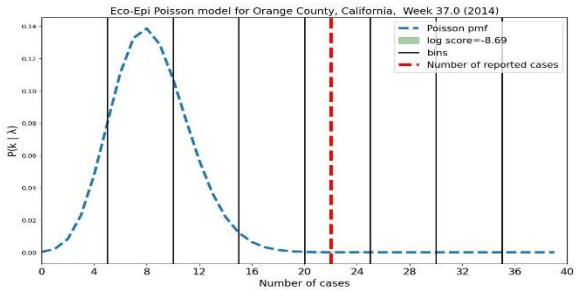

Eco-Epi Poisson model for Orange County, California, Week 32.0 (2014)
Poisson pmf
log score=-2.42
bins
Number of reported cases
P(k | λ)
Number of cases

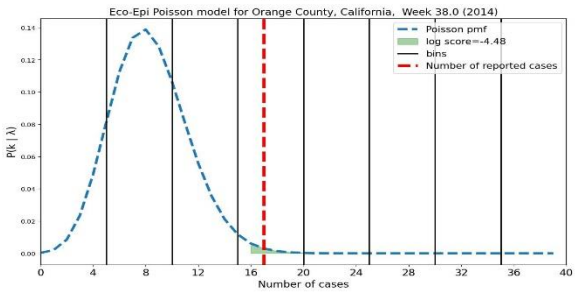

Eco-Epi Poisson model for Orange County, California, Week 33.0 (2014)
Poisson pmf
log score=-0.48
bins
Number of reported cases
P(k | λ)
Number of cases

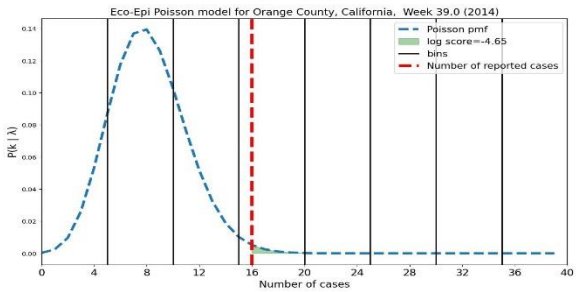

Eco-Epi Poisson model for Orange County, California, Week 34.0 (2014)
Poisson pmf
log score=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

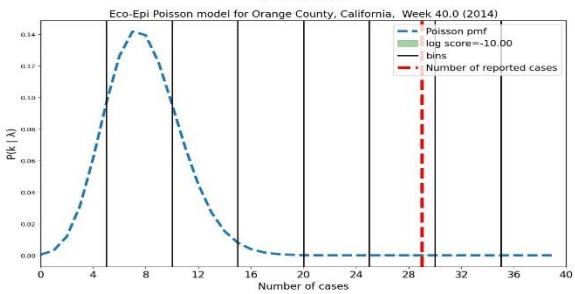

Eco-Epi Poisson model for Orange County, California, Week 35.0 (2014)
Poisson pmf
log score=-9.14
bins
Number of reported cases
P(k | λ)
Number of cases

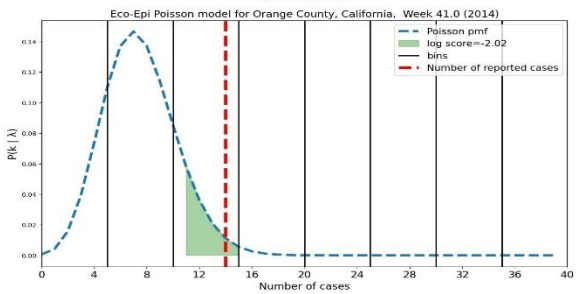

Eco-Epi Poisson model for Orange County, California, Week 36.0 (2014)
Poisson pmf
log score=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

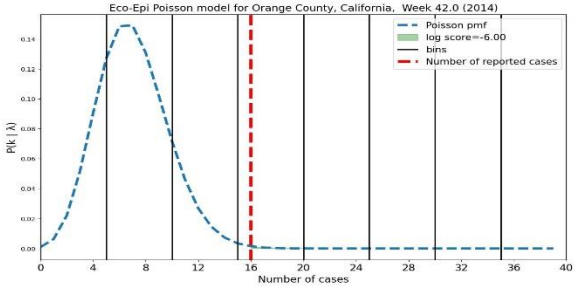

Eco-Epi Poisson model for Orange County, California, Week 37.0 (2014)
Poisson pmf
log score=-8.69
bins
Number of reported cases
P(k | λ)
Number of cases

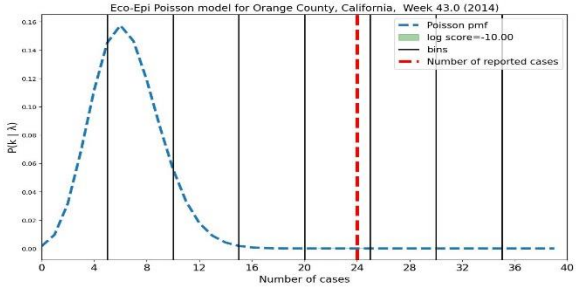

Eco-Epi Poisson model for Orange County, California, Week 38.0 (2014)
Poisson pmf
log score=-4.48
bins
Number of reported cases
P(k | λ)
Number of cases

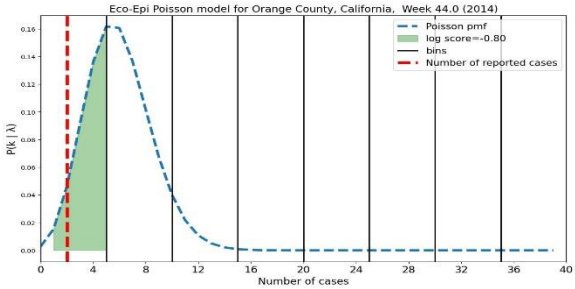

Eco-Epi Poisson model for Orange County, California, Week 39.0 (2014)
Poisson pmf
log score=-4.65
bins
Number of reported cases
P(k | λ)
Number of cases

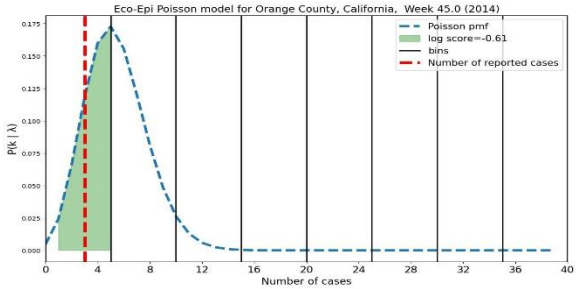

Eco-Epi Poisson model for Orange County, California, Week 40.0 (2014)
Poisson pmf
log score=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

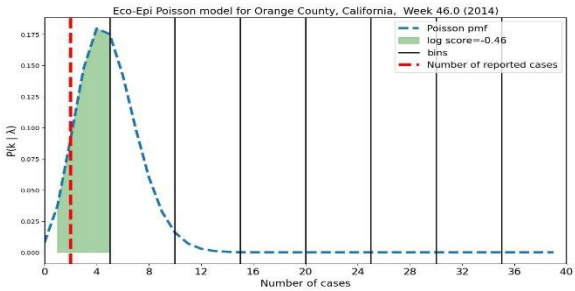

Eco-Epi Poisson model for Orange County, California, Week 41.0 (2014)
Poisson pmf
log score=-2.02
bins
Number of reported cases
P(k | λ)
Number of cases

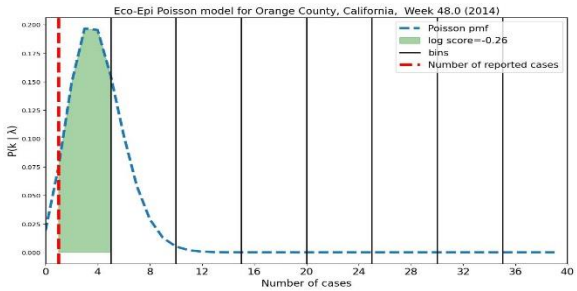

Eco-Epi Poisson model for Orange County, California, Week 42.0 (2014)
Poisson pmf
log score=-6.00
bins
Number of reported cases
P(k | λ)
Number of cases

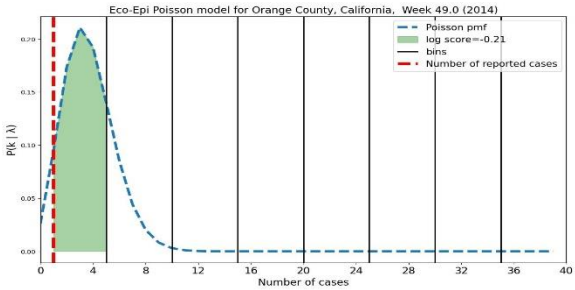

Eco-Epi Poisson model for Orange County, California, Week 43.0 (2014)
Poisson pmf
log score=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Orange County, California, Week 44.0 (2014)
Poisson pmf
log score=-0.80
bins
Number of reported cases
P(k | λ)
Number of cases

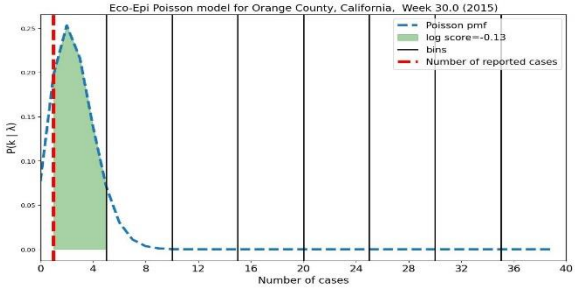

Eco-Epi Poisson model for Orange County, California, Week 45.0 (2014)
Poisson pmf
log score=-0.61
bins
Number of reported cases
P(k | λ)
Number of cases

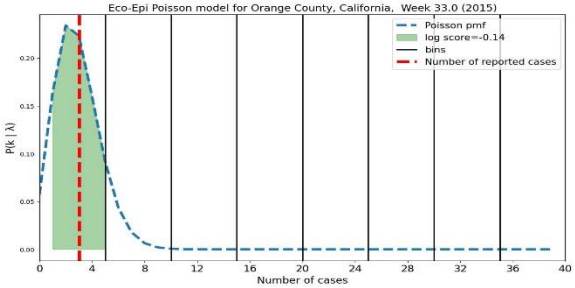

Eco-Epi Poisson model for Orange County, California, Week 46.0 (2014)
Poisson pmf
log score=-0.46
bins
Number of reported cases
P(k | λ)
Number of cases

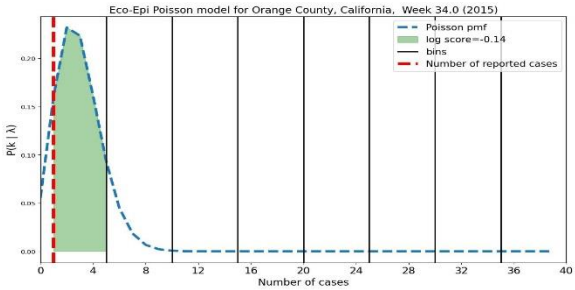

Eco-Epi Poisson model for Orange County, California, Week 48.0 (2014)
Poisson pmf
log score=-0.26
bins
Number of reported cases
P(k | λ)
Number of cases

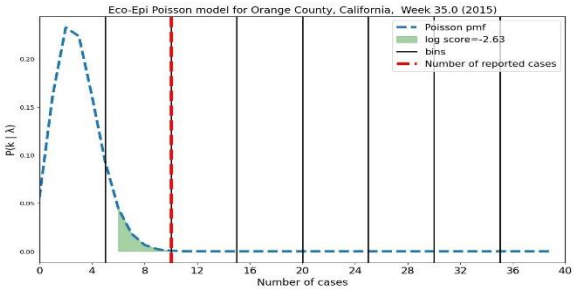

Eco-Epi Poisson model for Orange County, California, Week 49.0 (2014)
Poisson pmf
log score=-0.21
bins
Number of reported cases
P(k | λ)
Number of cases

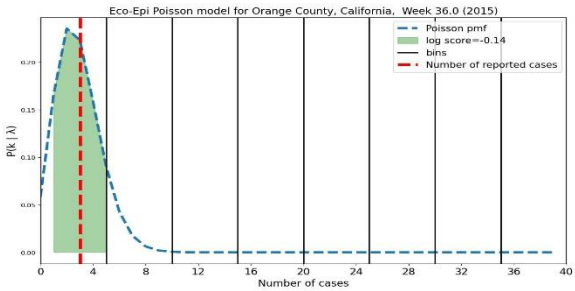
2015

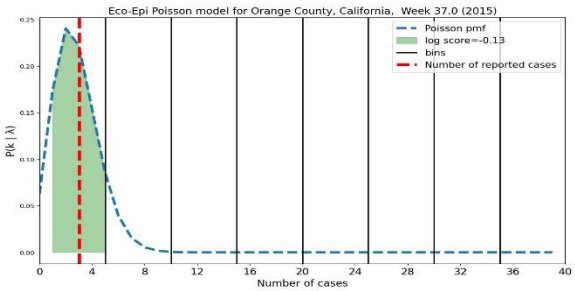

Eco-Epi Poisson model for Orange County, California, Week 30.0 (2015)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

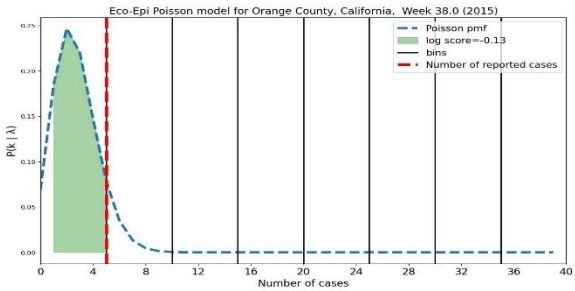

Eco-Epi Poisson model for Orange County, California, Week 33.0 (2015)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

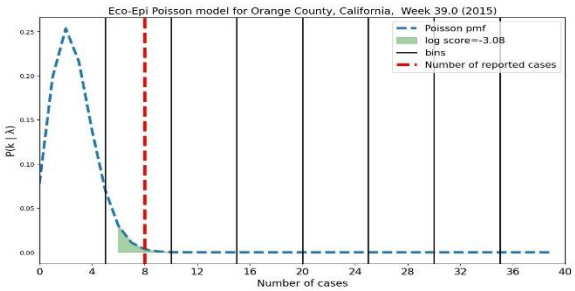

Eco-Epi Poisson model for Orange County, California, Week 34.0 (2015)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

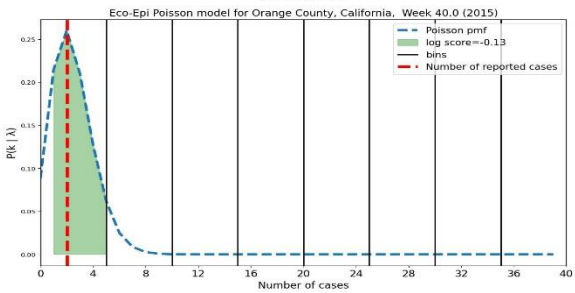

Eco-Epi Poisson model for Orange County, California, Week 35.0 (2015)
Poisson pmf
log score=-2.63
bins
Number of reported cases
P(k | λ)
Number of cases

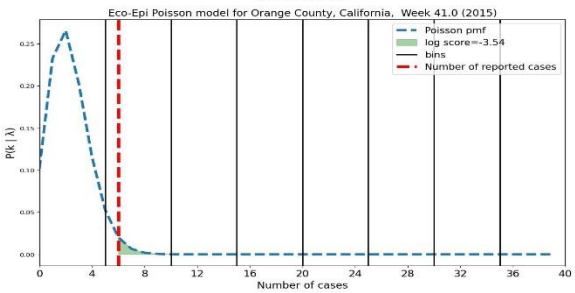

Eco-Epi Poisson model for Orange County, California, Week 36.0 (2015)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

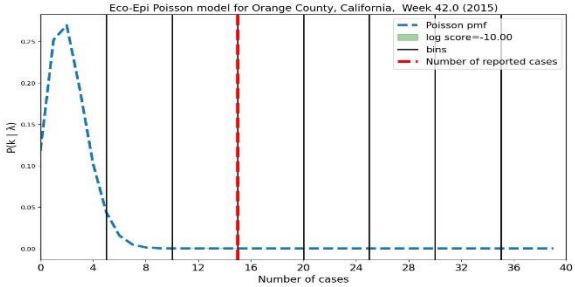

Eco-Epi Poisson model for Orange County, California, Week 37.0 (2015)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

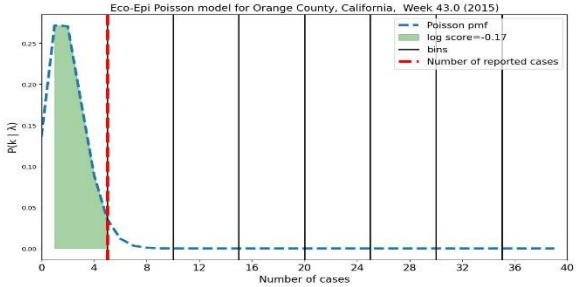

Eco-Epi Poisson model for Orange County, California, Week 38.0 (2015)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

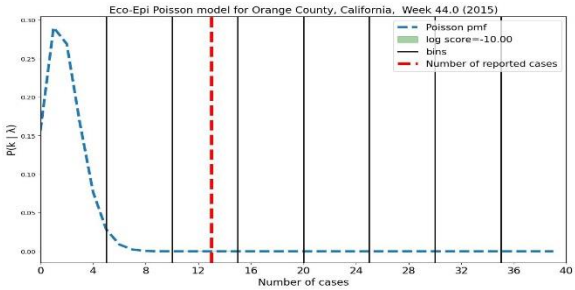

Eco-Epi Poisson model for Orange County, California, Week 39.0 (2015)
Poisson pmf
log score=-3.08
bins
Number of reported cases
P(k | λ)
Number of cases

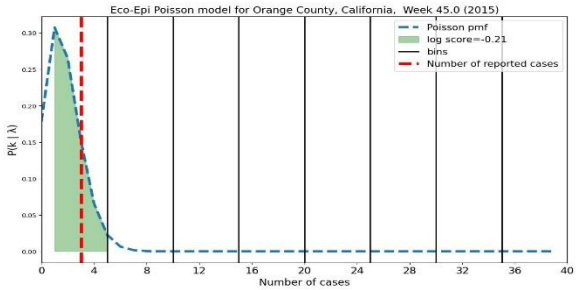

Eco-Epi Poisson model for Orange County, California, Week 40.0 (2015)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

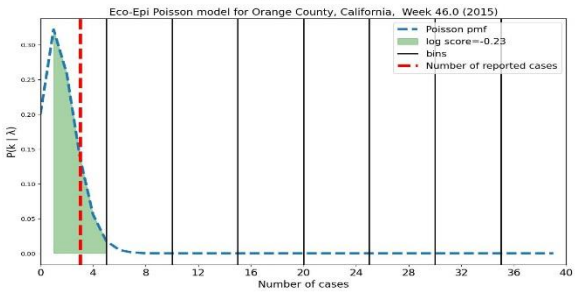

Eco-Epi Poisson model for Orange County, California, Week 41.0 (2015)
Poisson pmf
log score=-3.54
bins
Number of reported cases
P(k | λ)
Number of cases

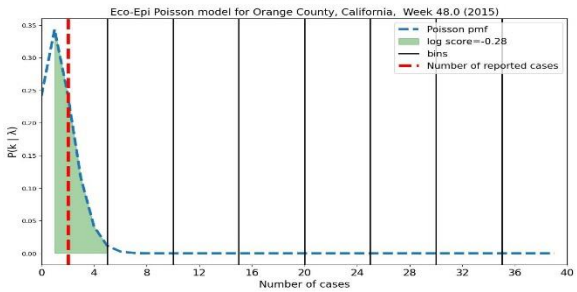

Eco-Epi Poisson model for Orange County, California, Week 42.0 (2015)
Poisson pmf
log score=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

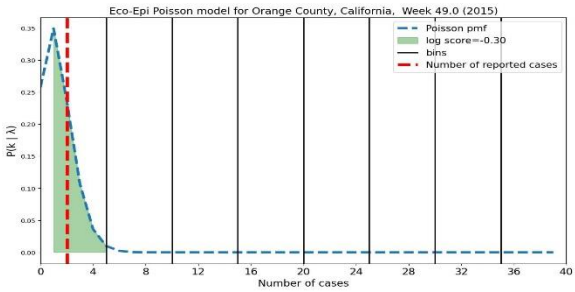

Eco-Epi Poisson model for Orange County, California, Week 43.0 (2015)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

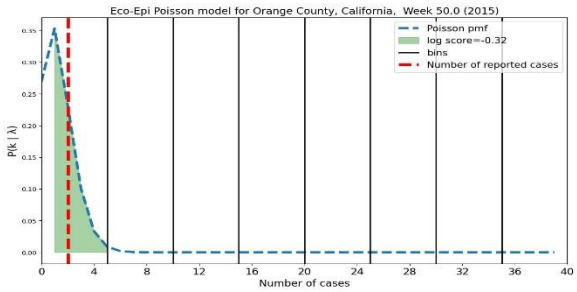

Eco-Epi Poisson model for Orange County, California, Week 44.0 (2015)
Poisson pmf
log score=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

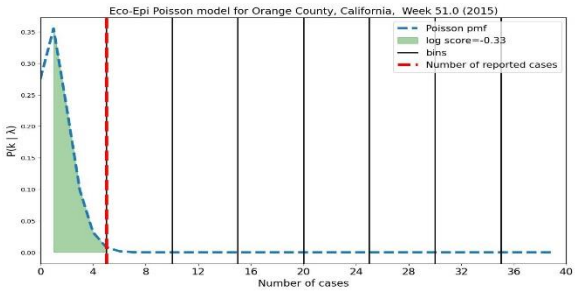

Eco-Epi Poisson model for Orange County, California, Week 45.0 (2015)
Poisson pmf
log score=-0.21
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Orange County, California, Week 46.0 (2015)
Poisson pmf
log score=-0.23
bins
Number of reported cases
P(k | λ)
Number of cases

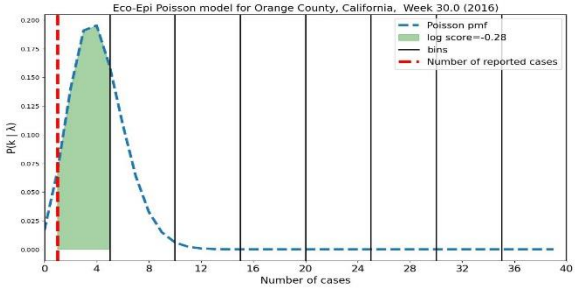

Eco-Epi Poisson model for Orange County, California, Week 48.0 (2015)
Poisson pmf
log score=-0.28
bins
Number of reported cases
P(k | λ)
Number of cases

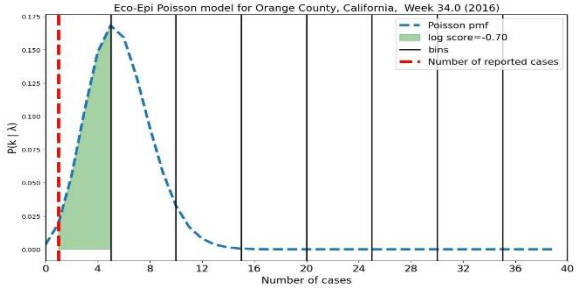

Eco-Epi Poisson model for Orange County, California, Week 49.0 (2015)
Poisson pmf
log score=-0.30
bins
Number of reported cases
P(k | λ)
Number of cases

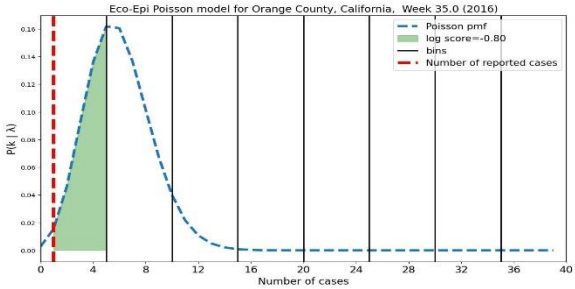

Eco-Epi Poisson model for Orange County, California, Week 50.0 (2015)
Poisson pmf
log score=-0.32
bins
Number of reported cases
P(k | λ)
Number of cases

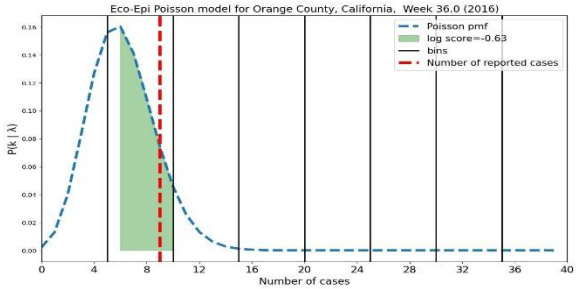

Eco-Epi Poisson model for Orange County, California, Week 51.0 (2015)
Poisson pmf
log score=-0.33
bins
Number of reported cases
P(k | λ)
Number of cases

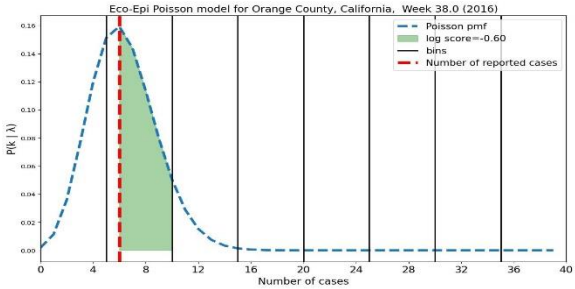
2016

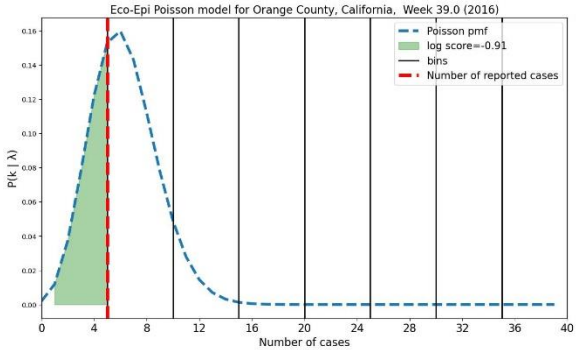

Eco-Epi Poisson model for Orange County, California, Week 30.0 (2016)
Poisson pmf
log score=-0.28
bins
Number of reported cases
P(k | λ)
Number of cases

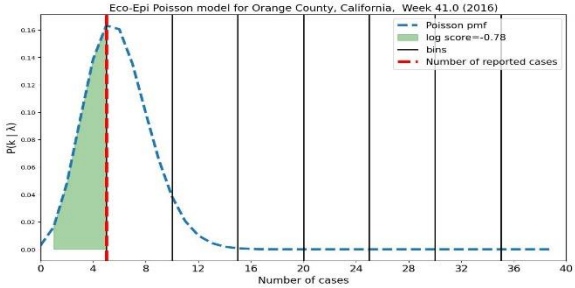

Eco-Epi Poisson model for Orange County, California, Week 34.0 (2016)
Poisson pmf
log score=-0.70
bins
Number of reported cases
P(k | λ)
Number of cases

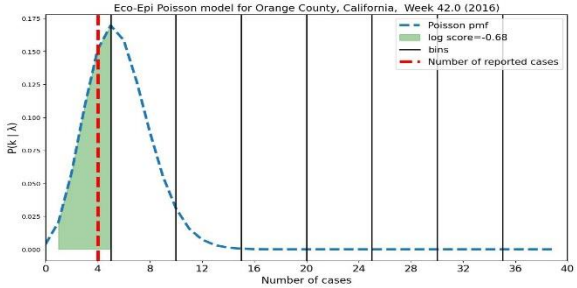

Eco-Epi Poisson model for Orange County, California, Week 35.0 (2016)
Poisson pmf
log score=-0.80
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Orange County, California, Week 36.0 (2016)
Poisson pmf
log score=-0.63
bins
Number of reported cases
P(k | λ)
Number of cases

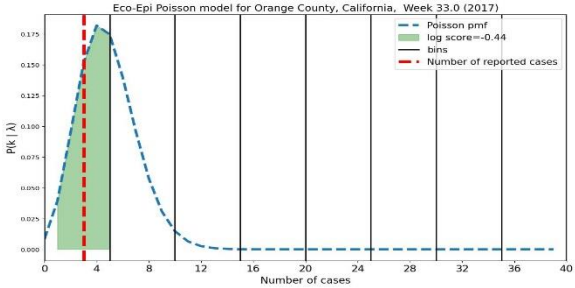

Eco-Epi Poisson model for Orange County, California, Week 38.0 (2016)
Poisson pmf
log score=-0.60
bins
Number of reported cases
P(k | λ)
Number of cases

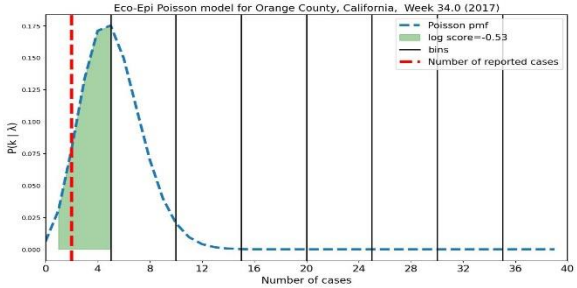

Eco-Epi Poisson model for Orange County, California, Week 39.0 (2016)
Poisson pmf
log score=-0.91
bins
Number of reported cases
P(k | λ)
Number of cases

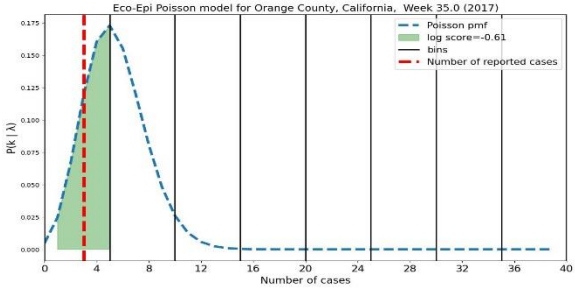

Eco-Epi Poisson model for Orange County, California, Week 41.0 (2016)
Poisson pmf
log score=-0.78
bins
Number of reported cases
P(k | λ)
Number of cases

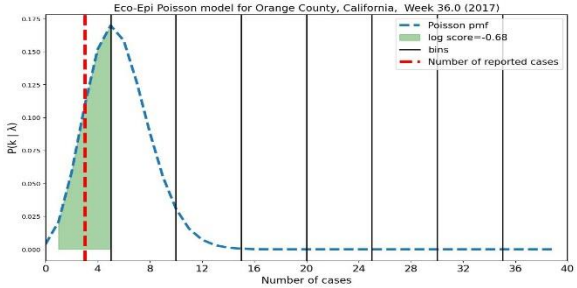

Eco-Epi Poisson model for Orange County, California, Week 42.0 (2016)
Poisson pmf
log score=-0.68
bins
Number of reported cases
P(k | λ)
Number of cases

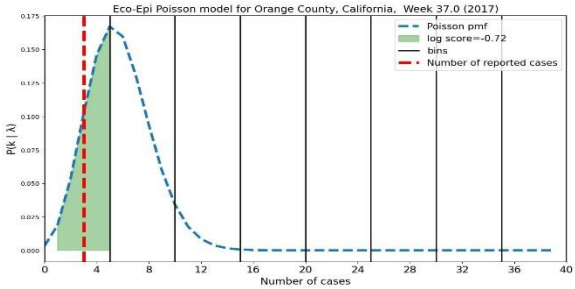
2017

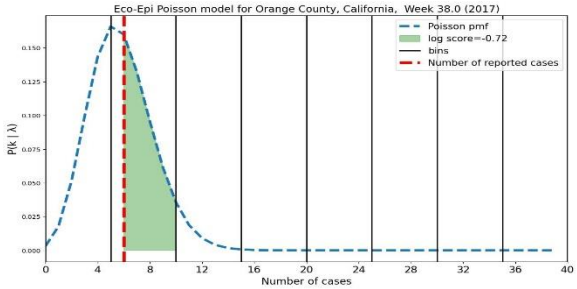

Eco-Epi Poisson model for Orange County, California, Week 33.0 (2017)
Poisson pmf
log score=-0.44
bins
Number of reported cases
P(k | λ)
Number of cases

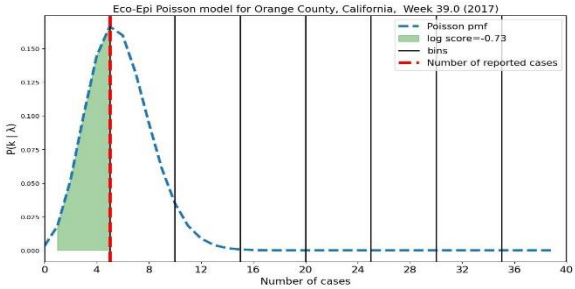

Eco-Epi Poisson model for Orange County, California, Week 34.0 (2017)
Poisson pmf
log score=-0.53
bins
Number of reported cases
P(k | λ)
Number of cases

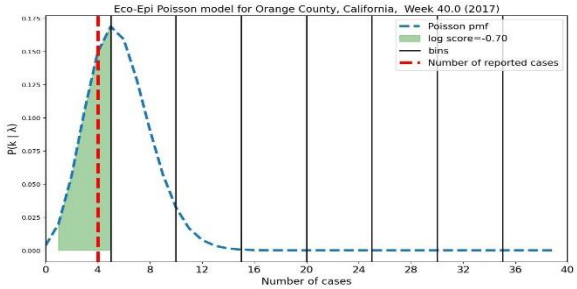

Eco-Epi Poisson model for Orange County, California, Week 35.0 (2017)
Poisson pmf
log score=-0.61
bins
Number of reported cases
P(k | λ)
Number of cases

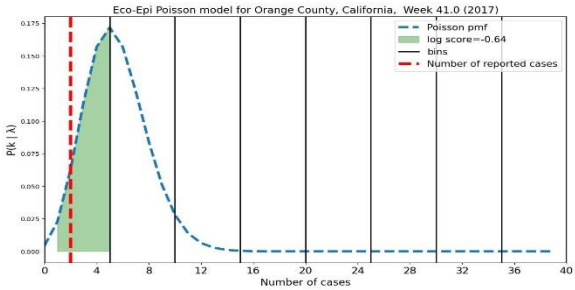

Eco-Epi Poisson model for Orange County, California, Week 36.0 (2017)
Poisson pmf
log score=-0.68
bins
Number of reported cases
P(k | λ)
Number of cases

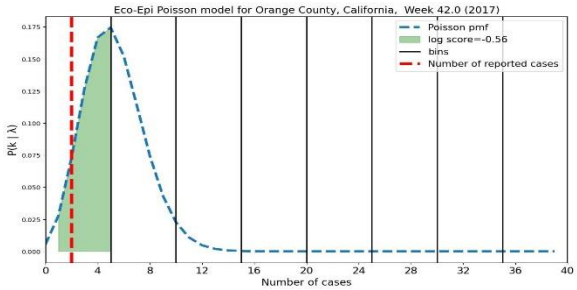

Eco-Epi Poisson model for Orange County, California, Week 37.0 (2017)
Poisson pmf
log score=-0.72
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Orange County, California, Week 38.0 (2017)
Poisson pmf
log score=-0.72
bins
Number of reported cases
P(k | λ)
Number of cases

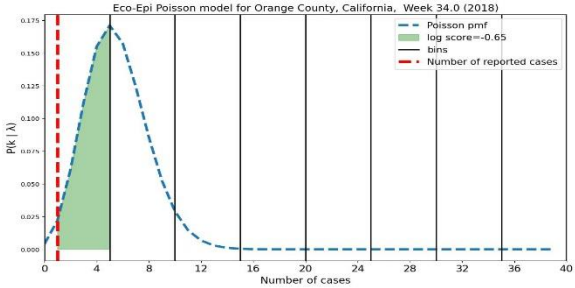

Eco-Epi Poisson model for Orange County, California, Week 39.0 (2017)
Poisson pmf
log score=-0.73
bins
Number of reported cases
P(k | λ)
Number of cases

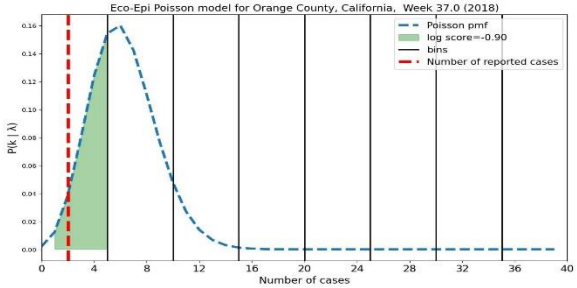

Eco-Epi Poisson model for Orange County, California, Week 40.0 (2017)
Poisson pmf
log score=-0.70
bins
Number of reported cases
P(k | λ)
Number of cases

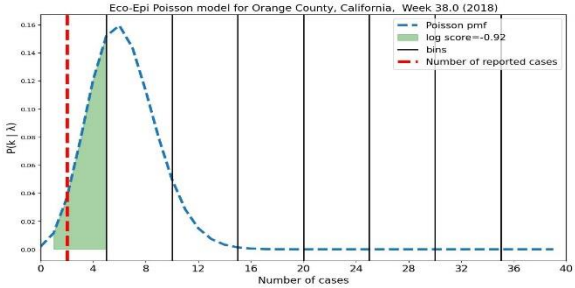

Eco-Epi Poisson model for Orange County, California, Week 41.0 (2017)
Poisson pmf
log score=-0.64
bins
Number of reported cases
P(k | λ)
Number of cases

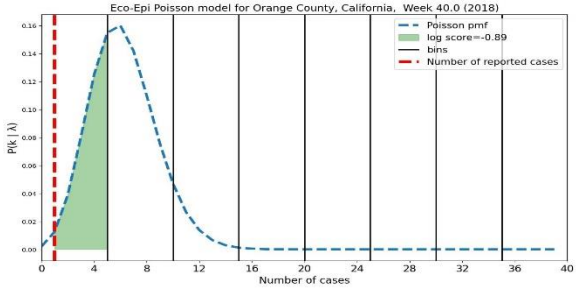

Eco-Epi Poisson model for Orange County, California, Week 42.0 (2017)
Poisson pmf
log score=-0.56
bins
Number of reported cases
P(k | λ)
Number of cases

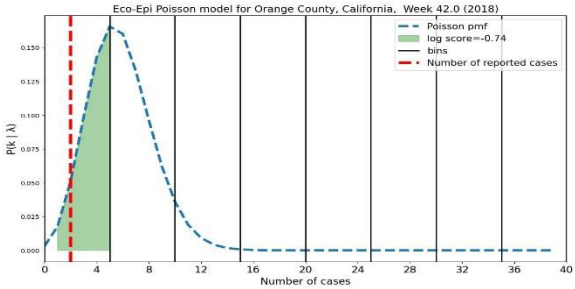
2018

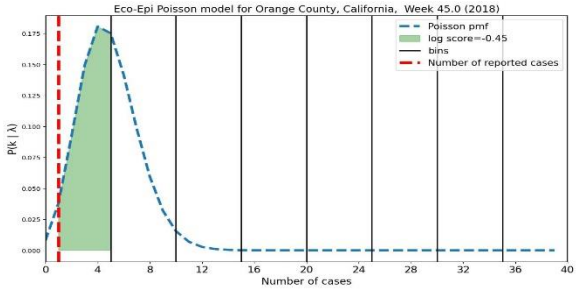

Eco-Epi Poisson model for Orange County, California, Week 34.0 (2018)
Poisson pmf
log score=-0.65
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Orange County, California, Week 37.0 (2018)
Poisson pmf
log score=-0.90
bins
Number of reported cases
P(k | λ)
Number of cases

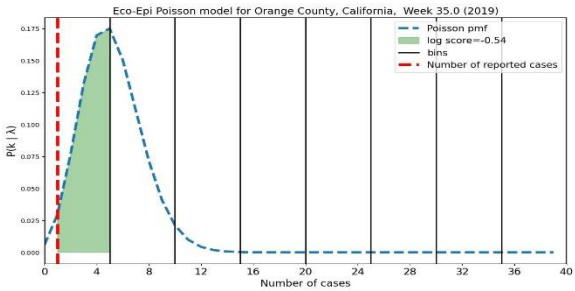

Eco-Epi Poisson model for Orange County, California, Week 38.0 (2018)
Poisson pmf
log score=-0.92
bins
Number of reported cases
P(k | λ)
Number of cases

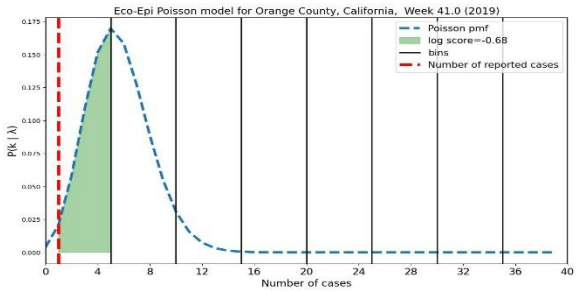

Eco-Epi Poisson model for Orange County, California, Week 40.0 (2018)
Poisson pmf
log score=-0.89
bins
Number of reported cases
P(k | λ)
Number of cases

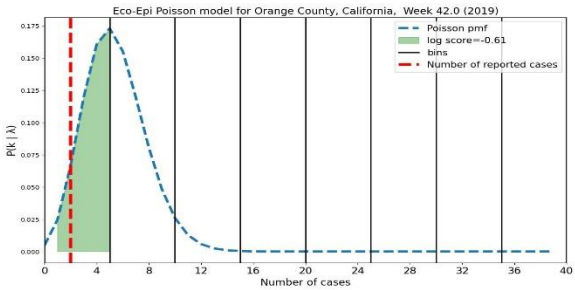

Eco-Epi Poisson model for Orange County, California, Week 42.0 (2018)
Poisson pmf
log score=-0.74
bins
Number of reported cases
P(k | λ)
Number of cases

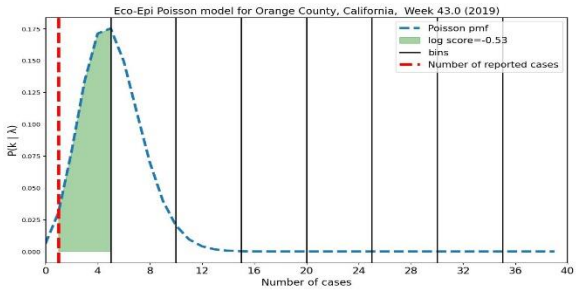

Eco-Epi Poisson model for Orange County, California, Week 45.0 (2018)
Poisson pmf
log score=-0.45
bins
Number of reported cases
P(k | λ)
Number of cases

2019

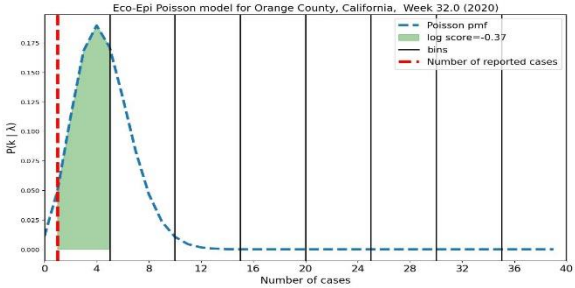

Eco-Epi Poisson model for Orange County, California, Week 35.0 (2019)
Poisson pmf
log score=-0.54
bins
Number of reported cases
P(k | λ)
Number of cases

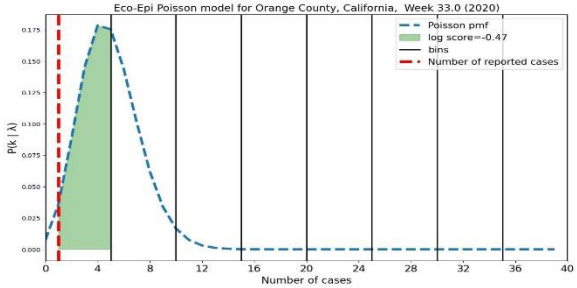

Eco-Epi Poisson model for Orange County, California, Week 41.0 (2019)
Poisson pmf
log score=-0.68
bins
Number of reported cases
P(k | λ)
Number of cases

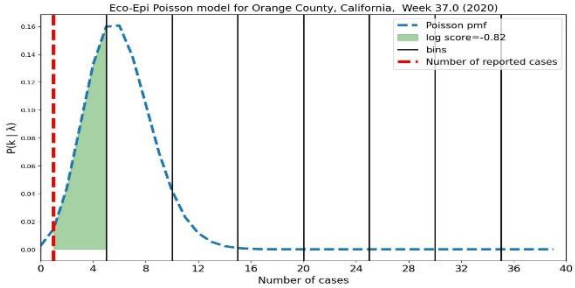

Eco-Epi Poisson model for Orange County, California, Week 42.0 (2019)
Poisson pmf
log score=-0.61
bins
Number of reported cases
P(k | λ)
Number of cases

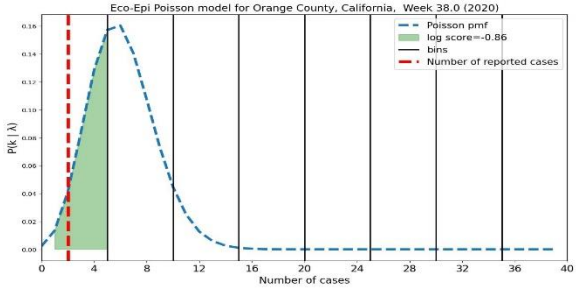

Eco-Epi Poisson model for Orange County, California, Week 43.0 (2019)
Poisson pmf
log score=-0.53
bins
Number of reported cases
P(k | λ)
Number of cases

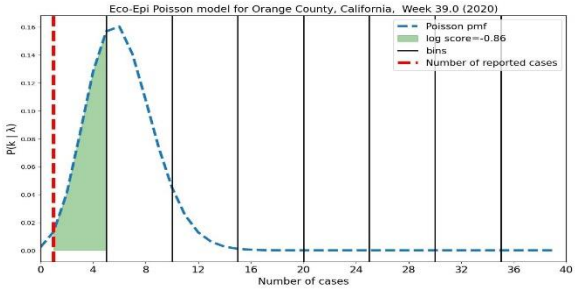
2020

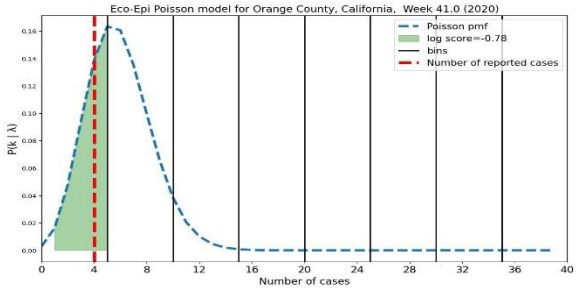

Eco-Epi Poisson model for Orange County, California, Week 32.0 (2020)
Poisson pmf
log score=-0.37
bins
Number of reported cases
P(k | λ)
Number of cases

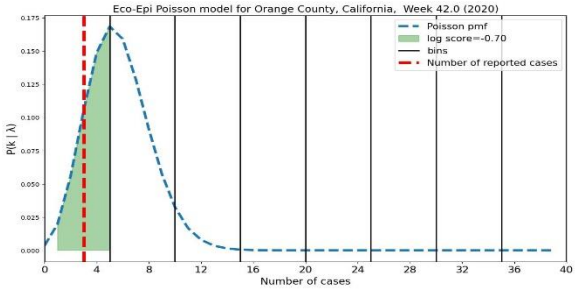

Eco-Epi Poisson model for Orange County, California, Week 33.0 (2020)
Poisson pmf
log score=-0.47
bins
Number of reported cases
P(k | λ)
Number of cases

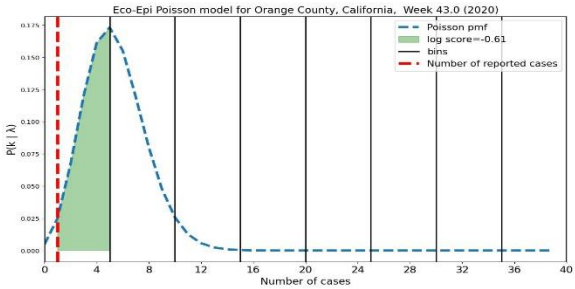

Eco-Epi Poisson model for Orange County, California, Week 37.0 (2020)
Poisson pmf
log score=-0.82
bins
Number of reported cases
P(k | λ)
Number of cases

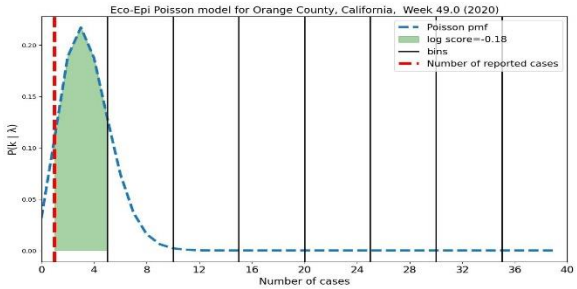

Eco-Epi Poisson model for Orange County, California, Week 38.0 (2020)
Poisson pmf
log score=-0.86
bins
Number of reported cases
P(k | λ)
Number of cases

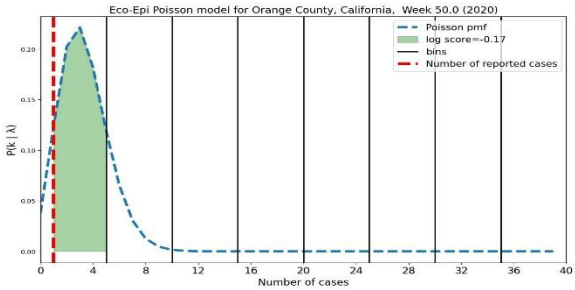

Eco-Epi Poisson model for Orange County, California, Week 39.0 (2020)
Poisson pmf
log score=-0.86
bins
Number of reported cases
P(k | λ)
Number of cases

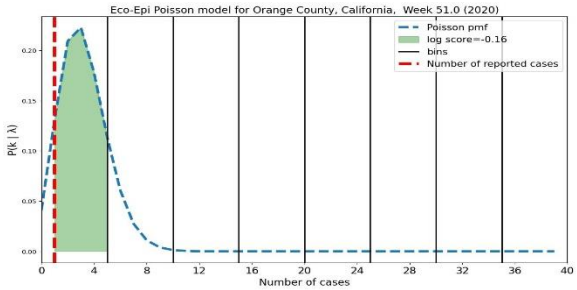

Eco-Epi Poisson model for Orange County, California, Week 41.0 (2020)
Poisson pmf
log score=-0.78
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Orange County, California, Week 42.0 (2020)
Poisson pmf
log score=-0.70
bins
Number of reported cases
P(k | λ)
Number of cases

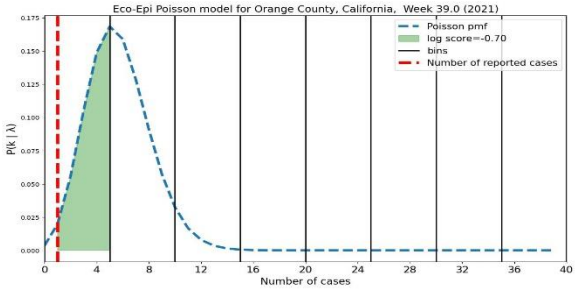

Eco-Epi Poisson model for Orange County, California, Week 43.0 (2020)
Poisson pmf
log score=-0.61
bins
Number of reported cases
P(k | λ)
Number of cases

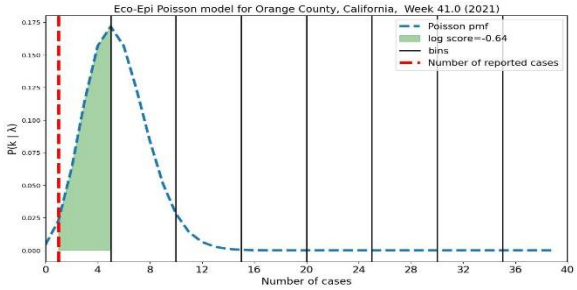

Eco-Epi Poisson model for Orange County, California, Week 49.0 (2020)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Orange County, California, Week 50.0 (2020)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

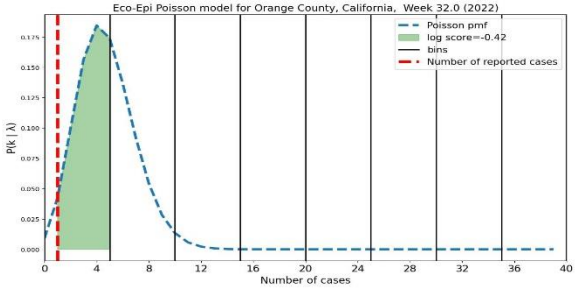

Eco-Epi Poisson model for Orange County, California, Week 51.0 (2020)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

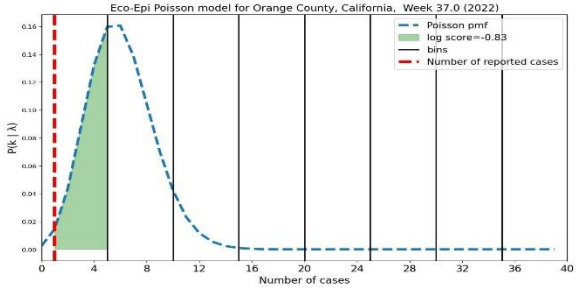
2021

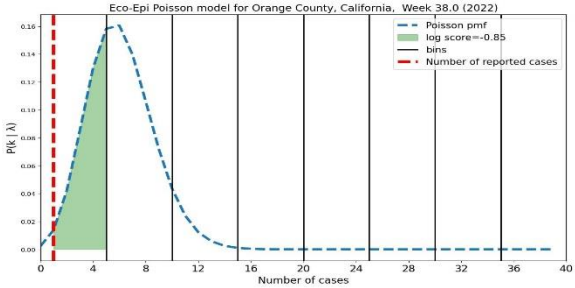

Eco-Epi Poisson model for Orange County, California, Week 39.0 (2021)
Poisson pmf
log score=-0.70
bins
Number of reported cases
P(k | λ)
Number of cases

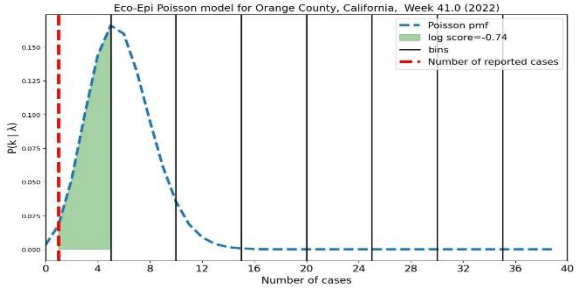

Eco-Epi Poisson model for Orange County, California, Week 41.0 (2021)
Poisson pmf
log score=-0.64
bins
Number of reported cases
P(k | λ)
Number of cases

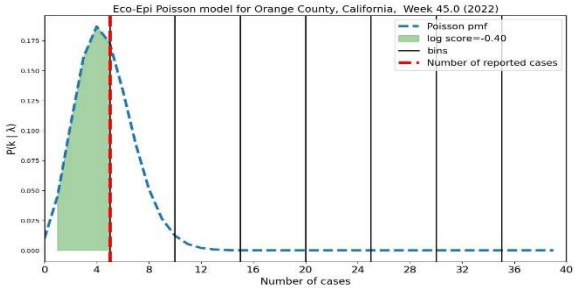
2022

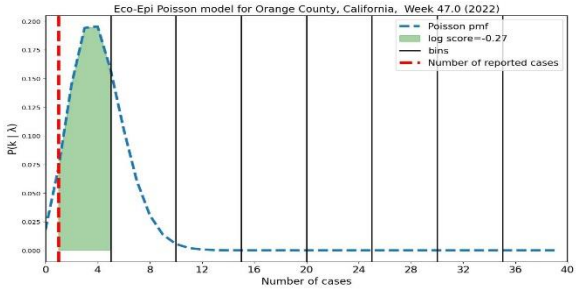

Eco-Epi Poisson model for Orange County, California, Week 32.0 (2022)
Poisson pmf
log score=-0.42
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Orange County, California, Week 37.0 (2022)
Poisson pmf
log score=-0.83
bins
Number of reported cases
P(k | λ)
Number of cases

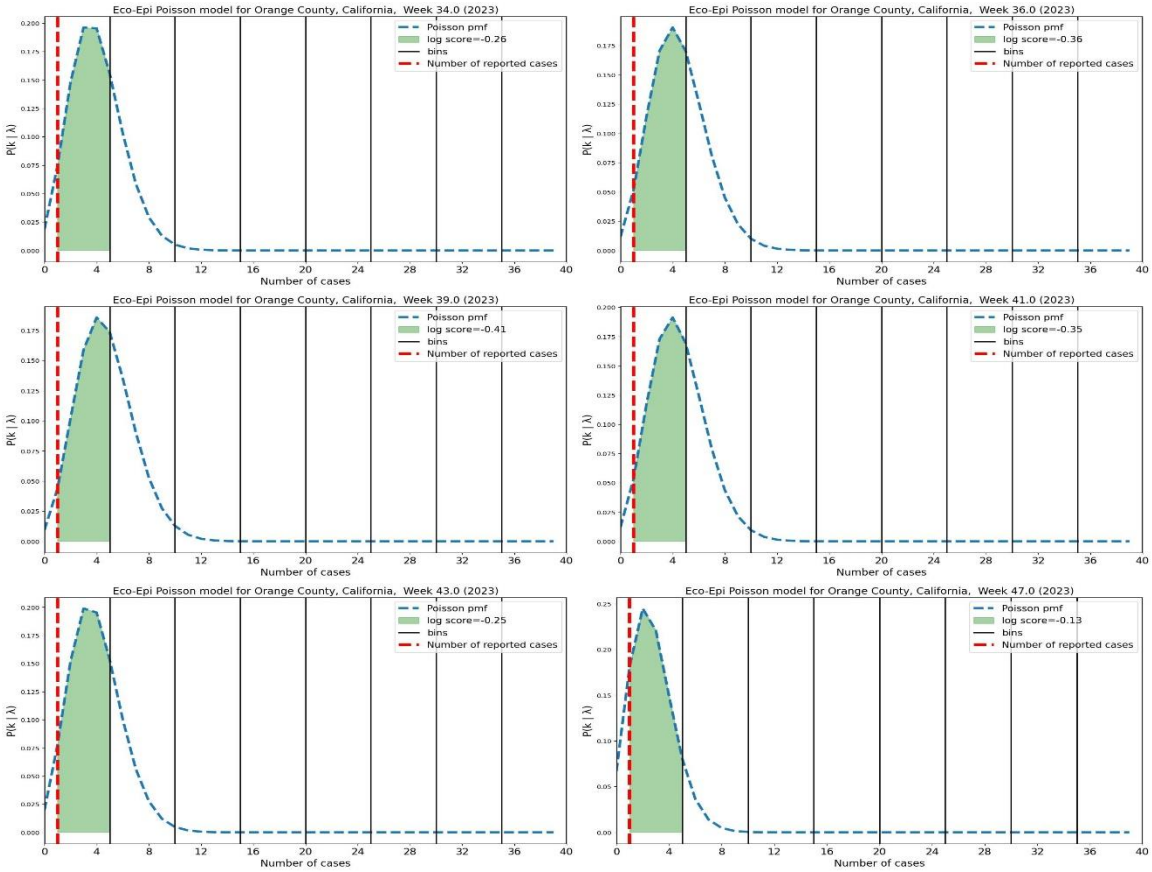

Eco-Epi Poisson model for Orange County, California, Week 38.0 (2022)
Poisson pmf
log score=-0.85
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Orange County, California, Week 41.0 (2022)
Poisson pmf
log score=-0.74
bins
Number of reported cases
P(k | λ)
Number of cases

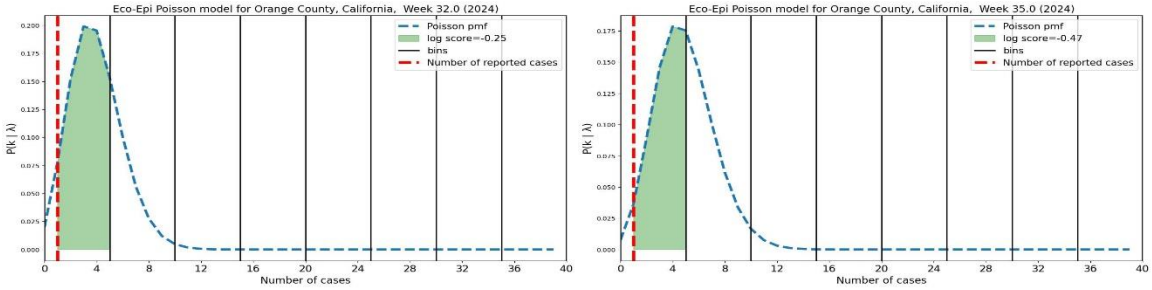

Eco-Epi Poisson model for Orange County, California, Week 45.0 (2022)
Poisson pmf
log score=-0.40
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Orange County, California, Week 47.0 (2022)
Poisson pmf
log score=-0.27
bins
Number of reported cases
P(k | λ)
Number of cases

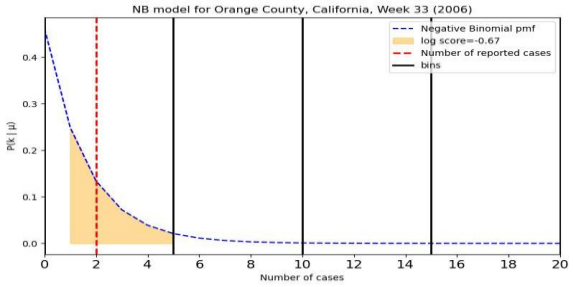
2023

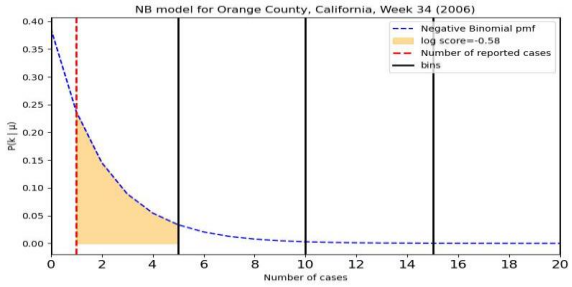


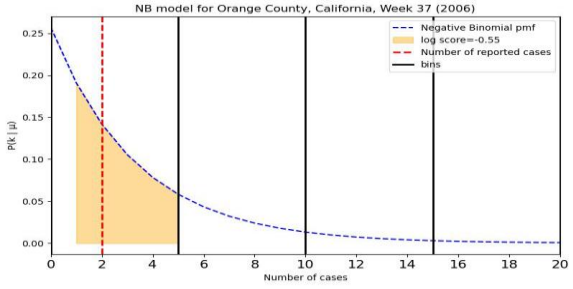
2024

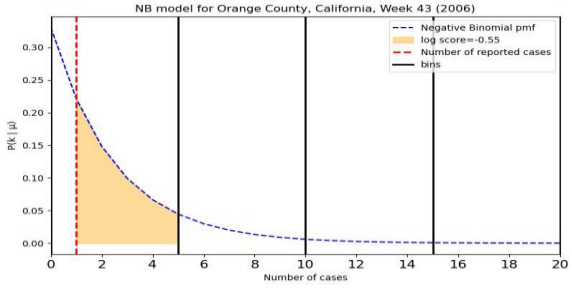


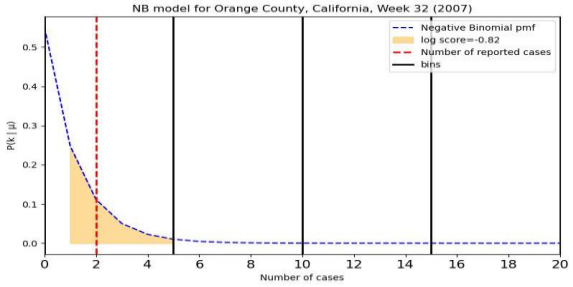
NB-Orange County-(2006-2024)

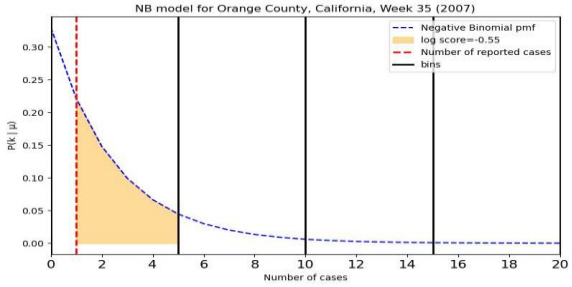

NB model for Orange County, California, Week 33 (2006)
Negative Binomial pmf
log score=-0.67
Number of reported cases
bins
P(k | μ)
Number of cases

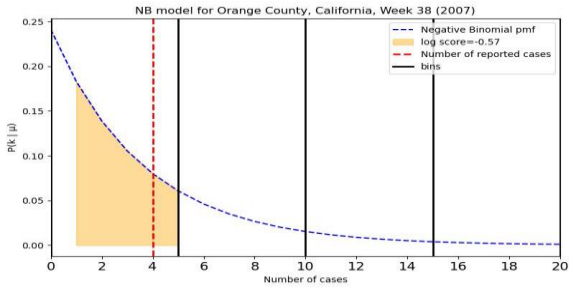

NB model for Orange County, California, Week 34 (2006)
Negative Binomial pmf
log score=-0.58
Number of reported cases
bins
P(k | μ)
Number of cases

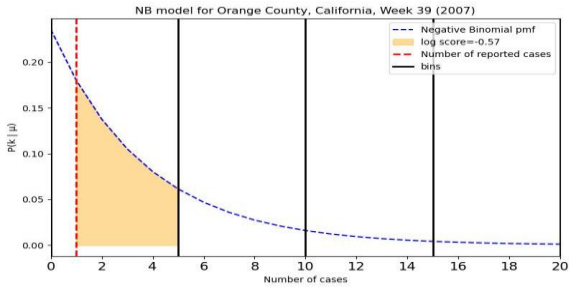

NB model for Orange County, California, Week 37 (2006)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

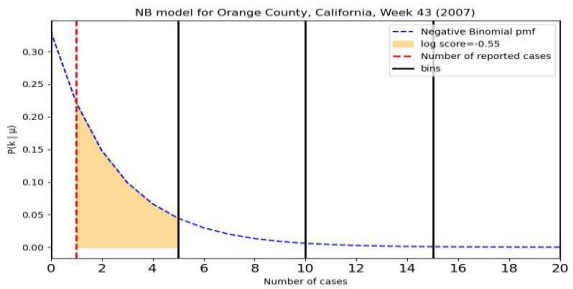

NB model for Orange County, California, Week 43 (2006)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

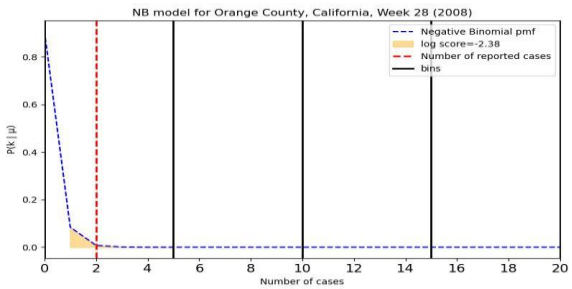

NB model for Orange County, California, Week 32 (2007)
Negative Binomial pmf
log score=-0.82
Number of reported cases
bins
P(k | μ)
Number of cases

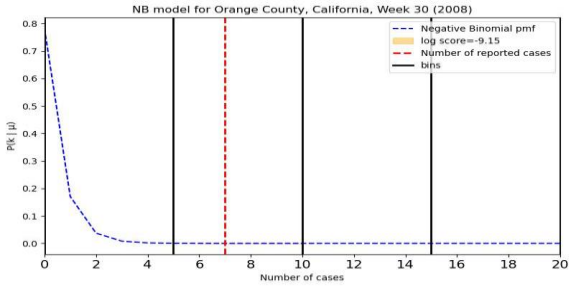

NB model for Orange County, California, Week 35 (2007)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

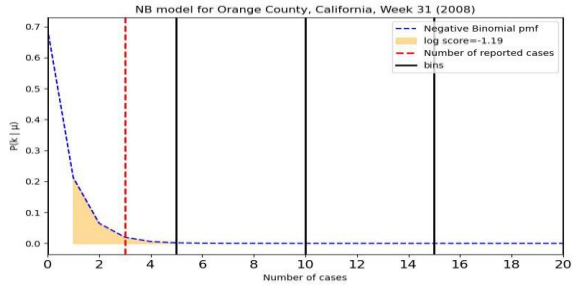

NB model for Orange County, California, Week 38 (2007)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

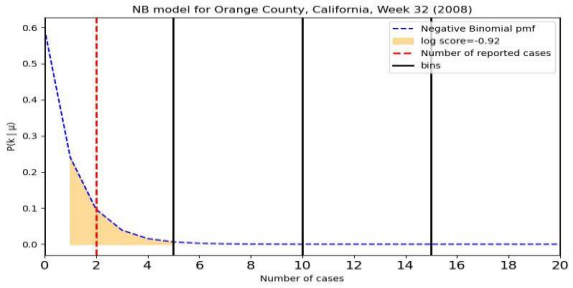

NB model for Orange County, California, Week 39 (2007)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

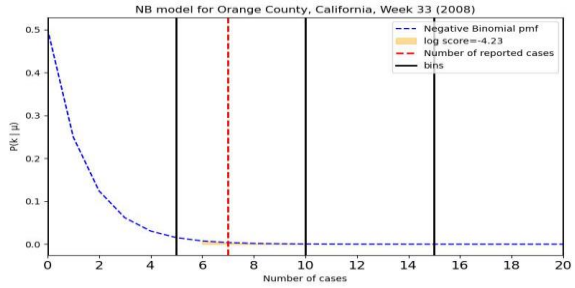

NB model for Orange County, California, Week 43 (2007)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

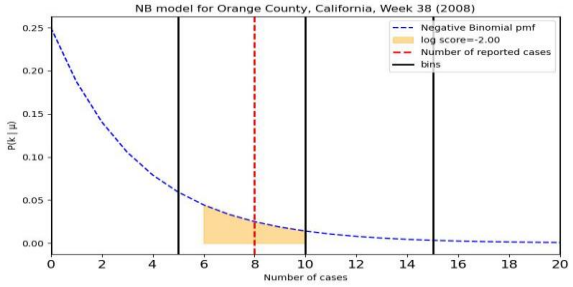

NB model for Orange County, California, Week 28 (2008)
Negative Binomial pmf
log score=-2.38
Number of reported cases
bins
P(k | μ)
Number of cases

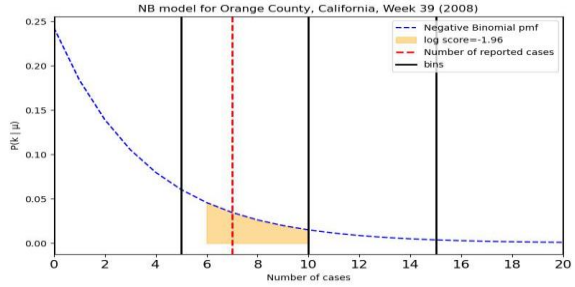

NB model for Orange County, California, Week 30 (2008)
Negative Binomial pmf
log score=-9.15
Number of reported cases
bins
P(k | μ)
Number of cases

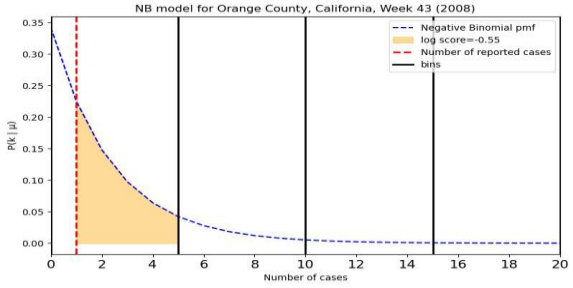

NB model for Orange County, California, Week 31 (2008)
Negative Binomial pmf
log score=-1.19
Number of reported cases
bins
P(k | μ)
Number of cases

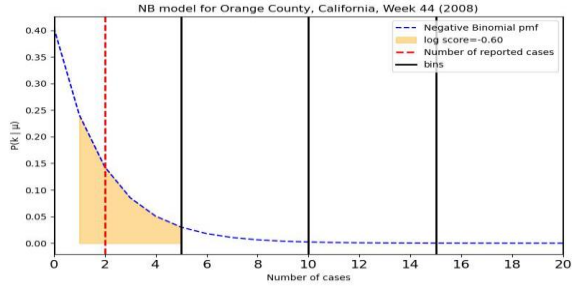

NB model for Orange County, California, Week 32 (2008)
Negative Binomial pmf
log score=-0.92
Number of reported cases
bins
P(k | μ)
Number of cases

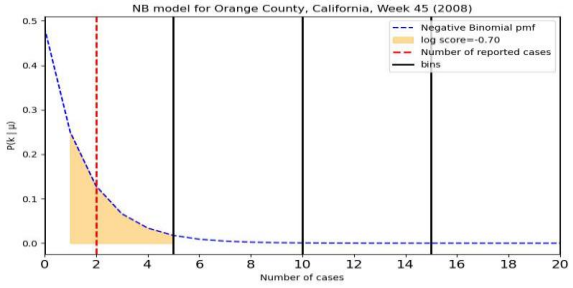

NB model for Orange County, California, Week 33 (2008)
Negative Binomial pmf
log score=-4.23
Number of reported cases
bins
P(k | μ)
Number of cases

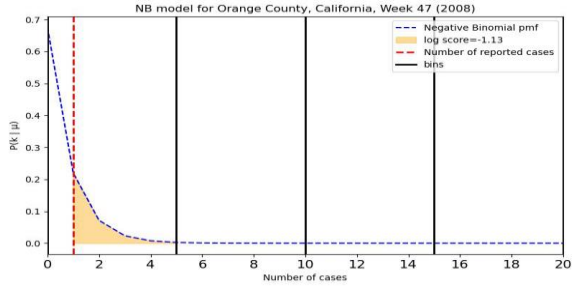

NB model for Orange County, California, Week 38 (2008)
Negative Binomial pmf
log score=-2.00
Number of reported cases
bins
P(k | μ)
Number of cases

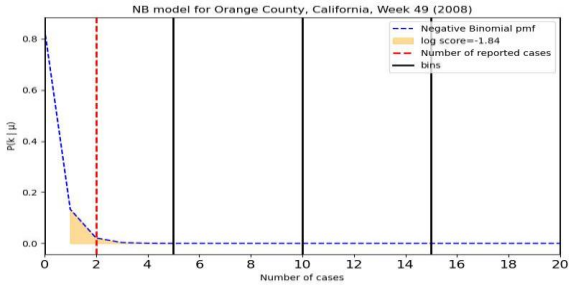

NB model for Orange County, California, Week 39 (2008)
Negative Binomial pmf
log score=-1.96
Number of reported cases
bins
P(k | μ)
Number of cases

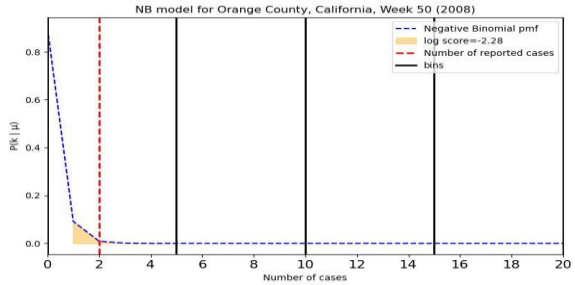

NB model for Orange County, California, Week 43 (2008)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

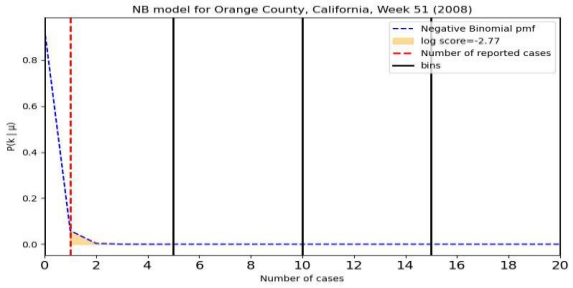

NB model for Orange County, California, Week 44 (2008)
Negative Binomial pmf
log score=-0.60
Number of reported cases
bins
P(k | μ)
Number of cases

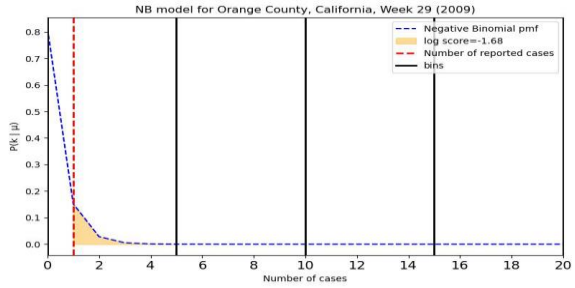

NB model for Orange County, California, Week 45 (2008)
Negative Binomial pmf
log score=-0.70
Number of reported cases
bins
P(k | μ)
Number of cases

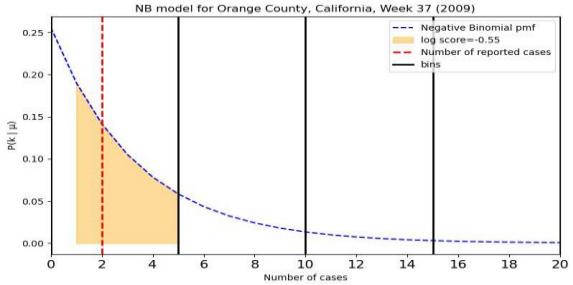

NB model for Orange County, California, Week 47 (2008)
Negative Binomial pmf
log score=-1.13
Number of reported cases
bins
P(k | μ)
Number of cases

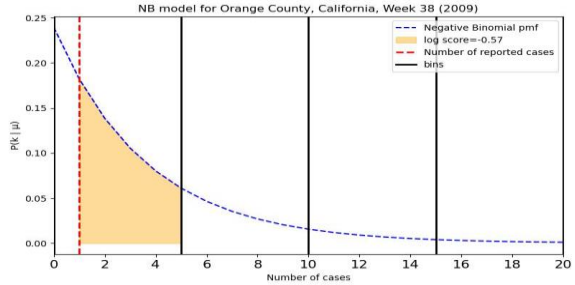

NB model for Orange County, California, Week 49 (2008)
Negative Binomial pmf
log score=-1.84
Number of reported cases
bins
P(k | μ)
Number of cases

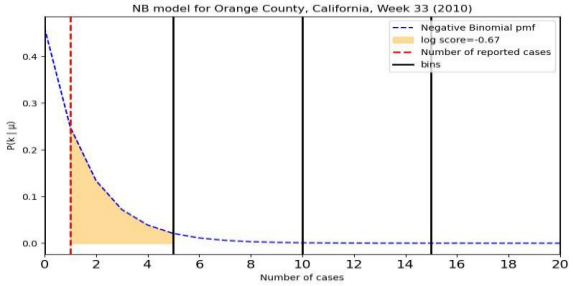

NB model for Orange County, California, Week 50 (2008)
Negative Binomial pmf
log score=-2.28
Number of reported cases
bins
P(k | μ)
Number of cases

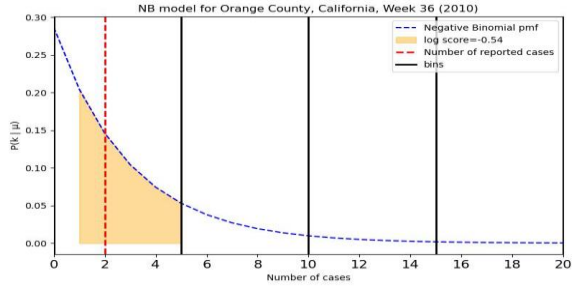

NB model for Orange County, California, Week 51 (2008)
Negative Binomial pmf
log score=-2.77
Number of reported cases
bins
P(k | μ)
Number of cases

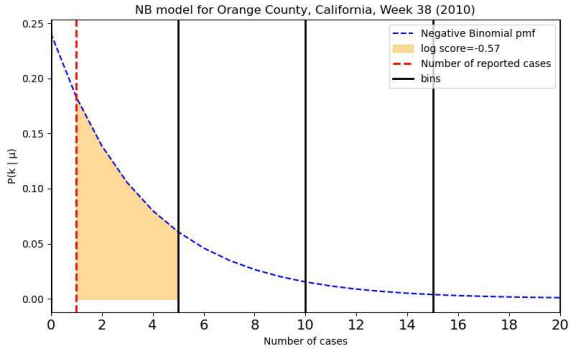

NB model for Orange County, California, Week 29 (2009)
Negative Binomial pmf
log score=-1.68
Number of reported cases
bins
P(k | μ)
Number of cases

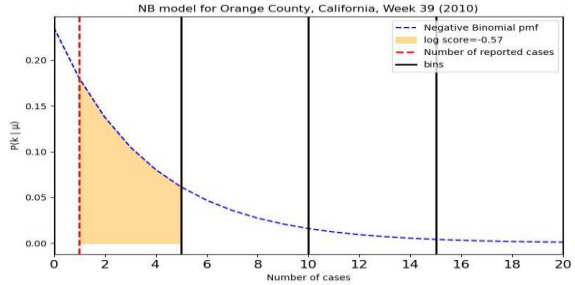

NB model for Orange County, California, Week 37 (2009)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

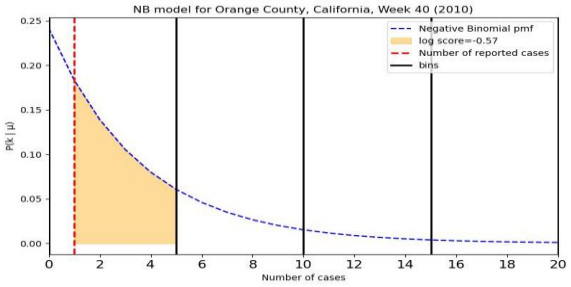

NB model for Orange County, California, Week 38 (2009)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

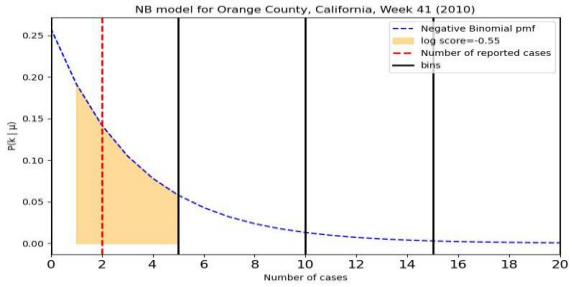

NB model for Orange County, California, Week 33 (2010)
Negative Binomial pmf
log score=-0.67
Number of reported cases
bins
P(k | μ)
Number of cases

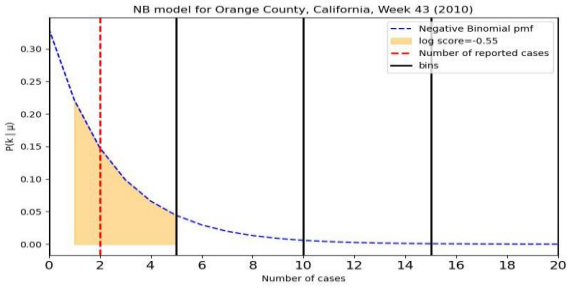

NB model for Orange County, California, Week 36 (2010)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

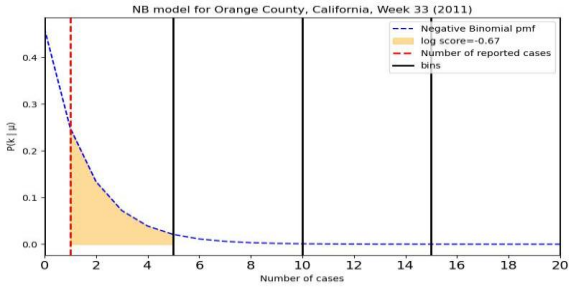

NB model for Orange County, California, Week 38 (2010)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

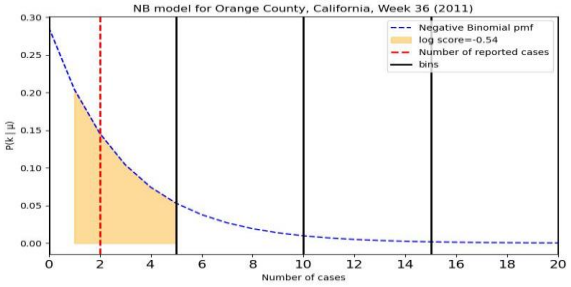

NB model for Orange County, California, Week 39 (2010)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

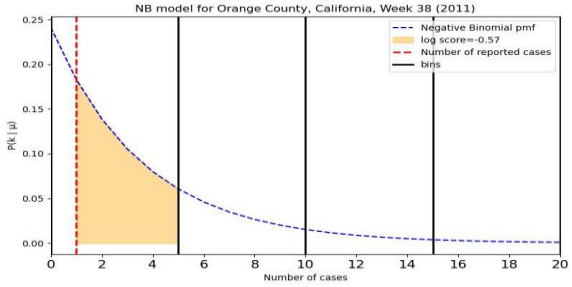

NB model for Orange County, California, Week 40 (2010)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

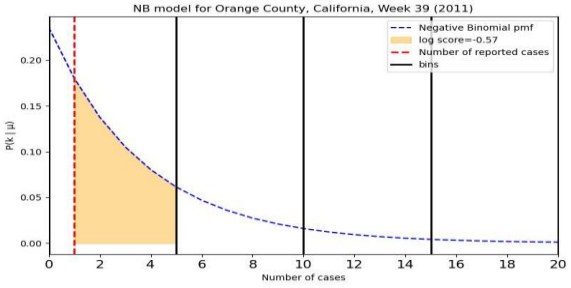

NB model for Orange County, California, Week 41 (2010)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

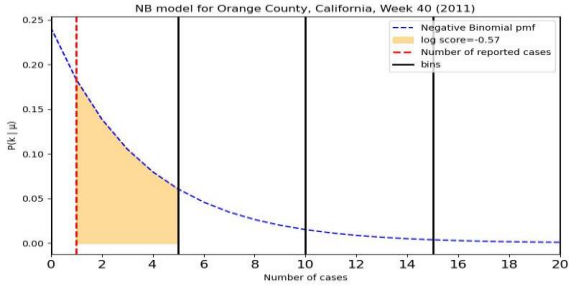

NB model for Orange County, California, Week 43 (2010)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

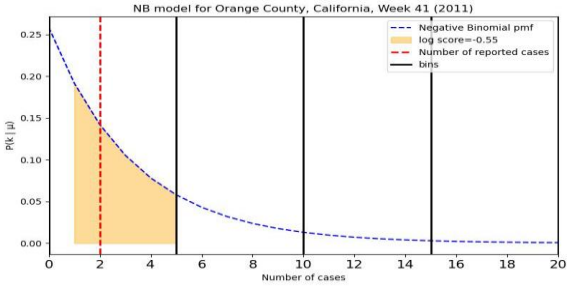

NB model for Orange County, California, Week 33 (2011)
Negative Binomial pmf
log score=-0.67
Number of reported cases
bins
P(k | μ)
Number of cases

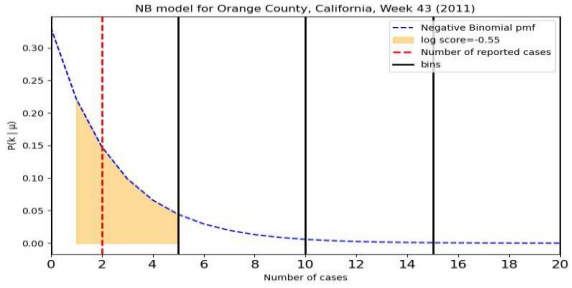

NB model for Orange County, California, Week 36 (2011)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

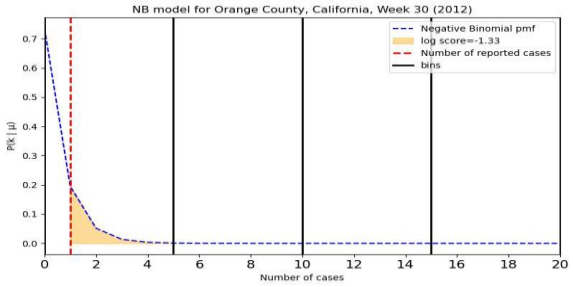

NB model for Orange County, California, Week 38 (2011)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

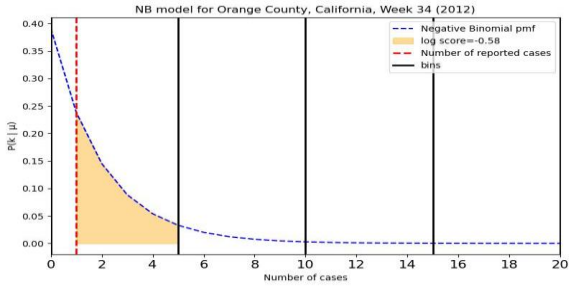

NB model for Orange County, California, Week 39 (2011)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

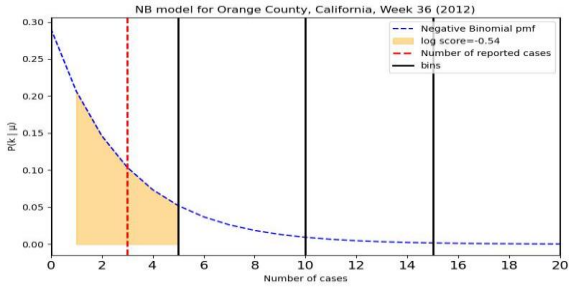

NB model for Orange County, California, Week 40 (2011)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

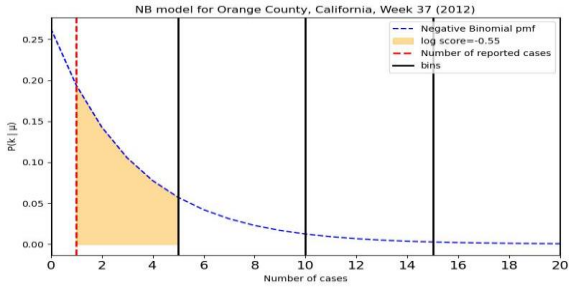

NB model for Orange County, California, Week 41 (2011)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

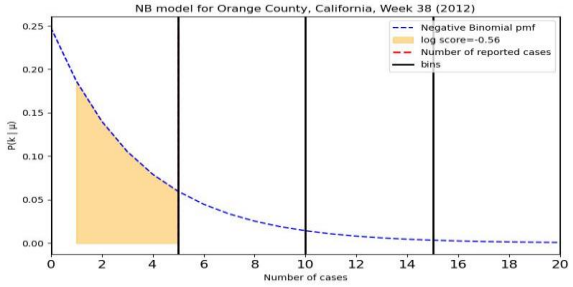

NB model for Orange County, California, Week 43 (2011)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

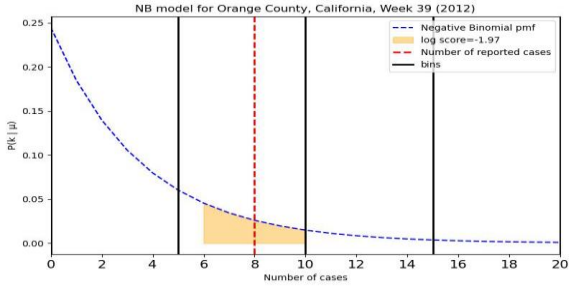

NB model for Orange County, California, Week 30 (2012)
Negative Binomial pmf
log score=-1.33
Number of reported cases
bins
P(k | μ)
Number of cases

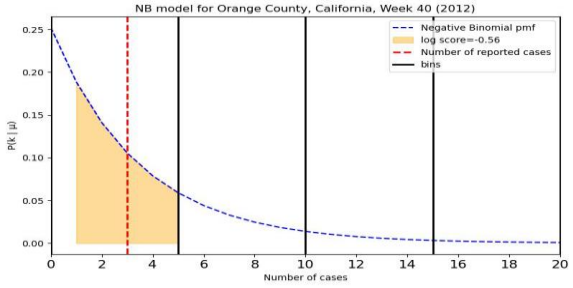

NB model for Orange County, California, Week 34 (2012)
Negative Binomial pmf
log score=-0.58
Number of reported cases
bins
P(k | μ)
Number of cases

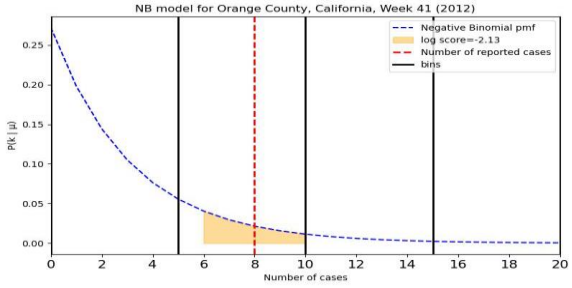

NB model for Orange County, California, Week 36 (2012)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

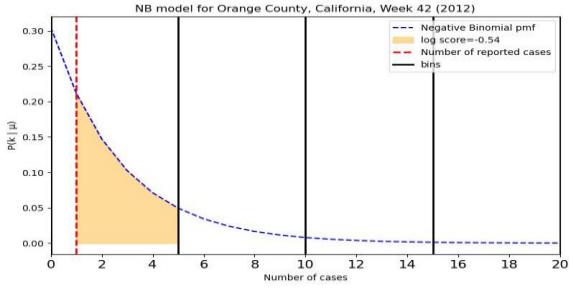

NB model for Orange County, California, Week 37 (2012)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

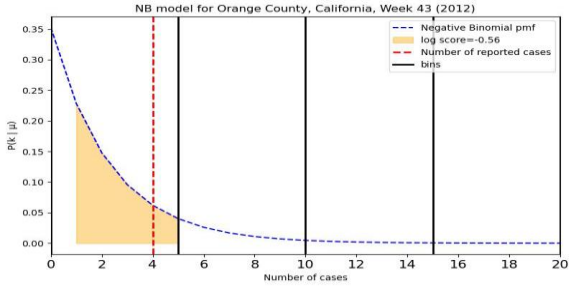

NB model for Orange County, California, Week 38 (2012)
Negative Binomial pmf
log score=-0.56
Number of reported cases
bins
P(k | μ)
Number of cases

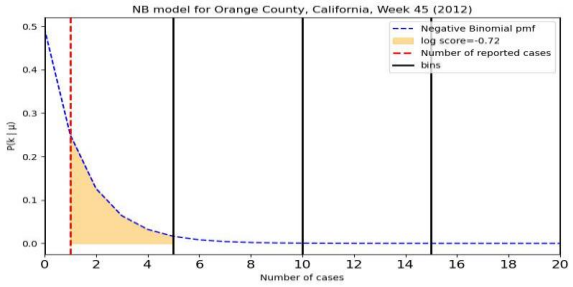

NB model for Orange County, California, Week 39 (2012)
Negative Binomial pmf
log score=-1.97
Number of reported cases
bins
P(k | μ)
Number of cases

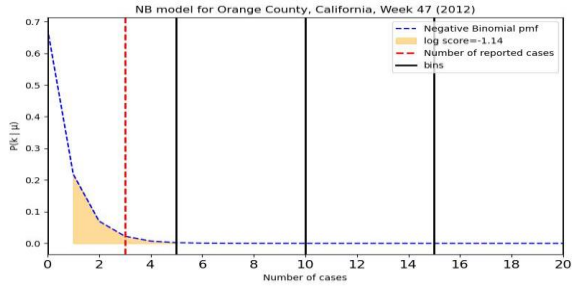

NB model for Orange County, California, Week 40 (2012)
Negative Binomial pmf
log score=-0.56
Number of reported cases
bins
P(k | μ)
Number of cases

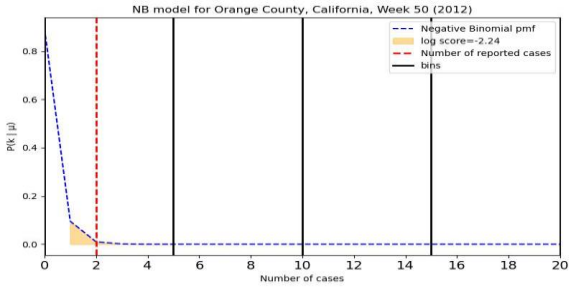

NB model for Orange County, California, Week 41 (2012)
Negative Binomial pmf
log score=-2.13
Number of reported cases
bins
P(k | μ)
Number of cases

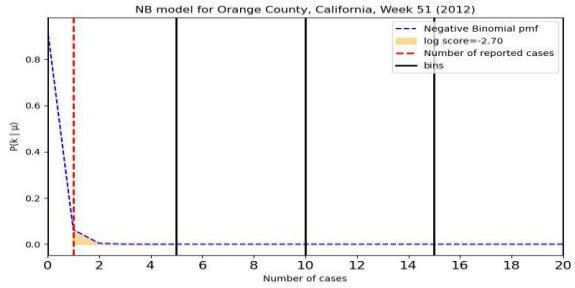

NB model for Orange County, California, Week 42 (2012)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

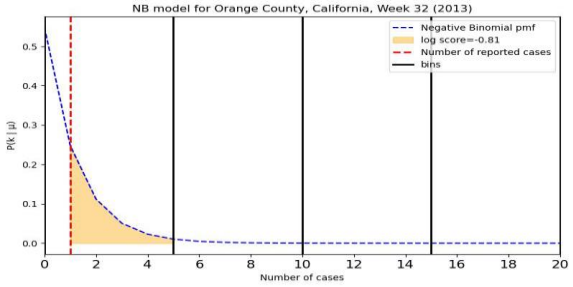

NB model for Orange County, California, Week 43 (2012)
Negative Binomial pmf
log score=-0.56
Number of reported cases
bins
P(k | μ)
Number of cases

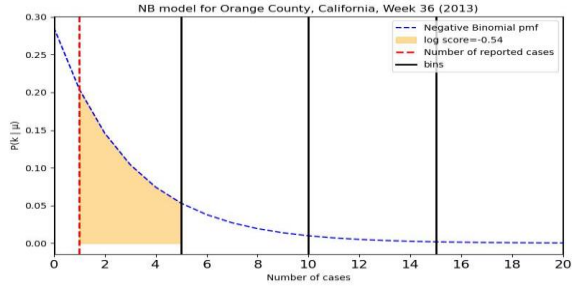

NB model for Orange County, California, Week 45 (2012)
Negative Binomial pmf
log score=-0.72
Number of reported cases
bins
P(k | μ)
Number of cases

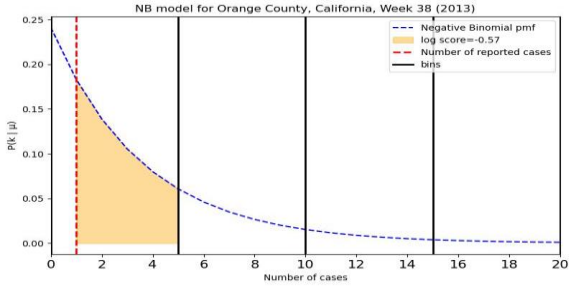

NB model for Orange County, California, Week 47 (2012)
Negative Binomial pmf
log score=-1.14
Number of reported cases
bins
P(k | μ)
Number of cases

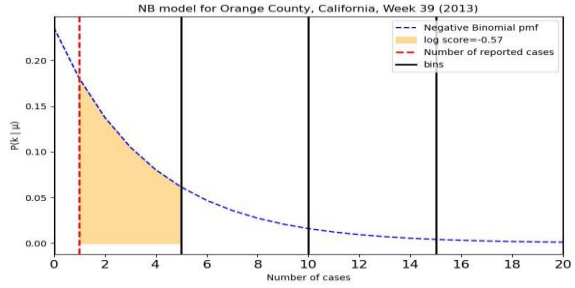

NB model for Orange County, California, Week 50 (2012)
Negative Binomial pmf
log score=-2.24
Number of reported cases
bins
P(k | μ)
Number of cases

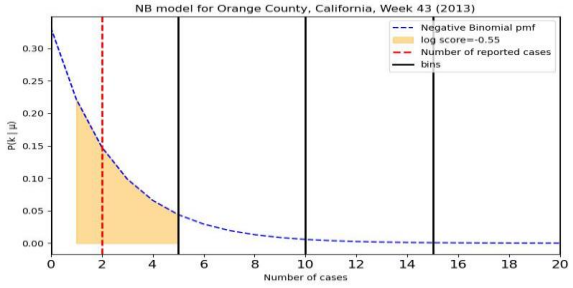

NB model for Orange County, California, Week 51 (2012)
Negative Binomial pmf
log score=-2.70
Number of reported cases
bins
P(k | μ)
Number of cases

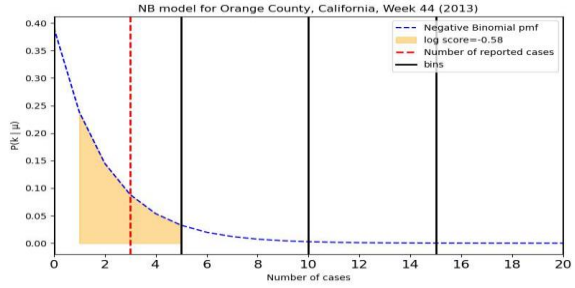

NB model for Orange County, California, Week 32 (2013)
Negative Binomial pmf
log score=-0.81
Number of reported cases
bins
P(k | μ)
Number of cases

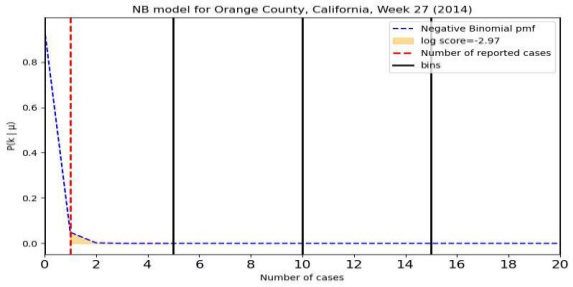

NB model for Orange County, California, Week 36 (2013)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

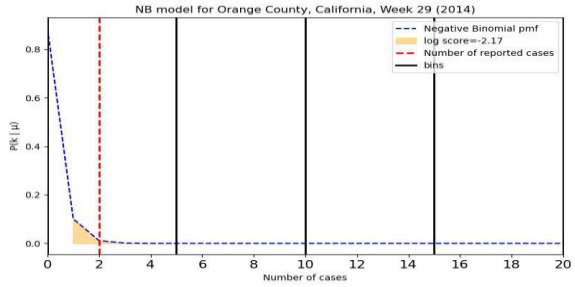

NB model for Orange County, California, Week 38 (2013)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

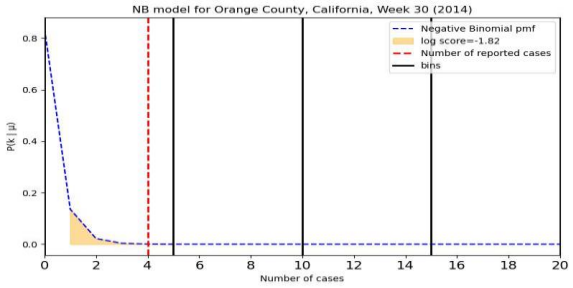

NB model for Orange County, California, Week 39 (2013)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

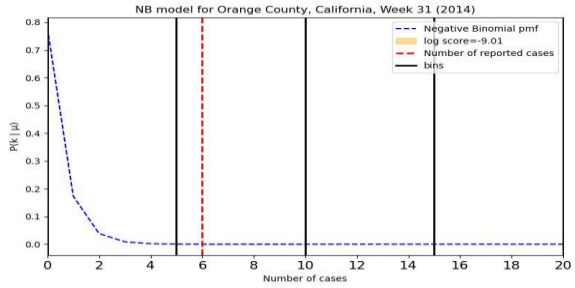

NB model for Orange County, California, Week 43 (2013)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

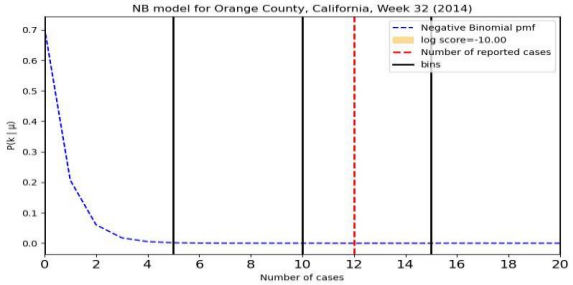

NB model for Orange County, California, Week 44 (2013)
Negative Binomial pmf
log score=-0.58
Number of reported cases
bins
P(k | μ)
Number of cases

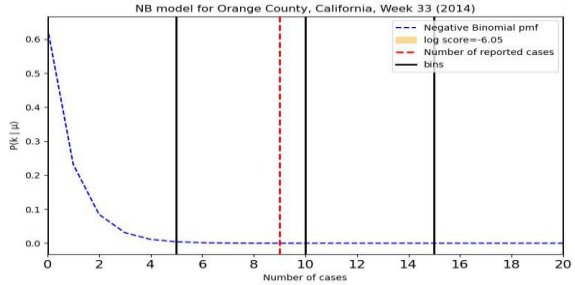

NB model for Orange County, California, Week 27 (2014)
Negative Binomial pmf
log score=-2.97
Number of reported cases
bins
P(k | μ)
Number of cases

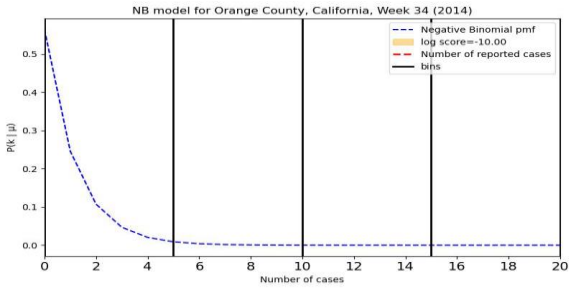

NB model for Orange County, California, Week 29 (2014)
Negative Binomial pmf
log score=-2.17
Number of reported cases
bins
P(k | μ)
Number of cases

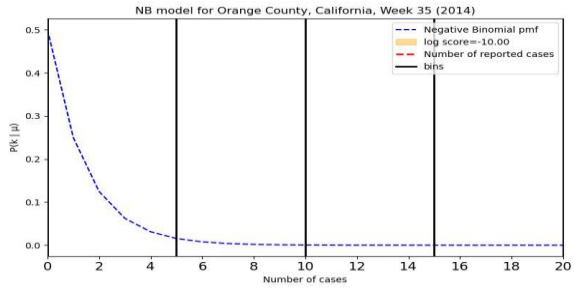

NB model for Orange County, California, Week 30 (2014)
Negative Binomial pmf
log score=-1.82
Number of reported cases
bins
P(k | μ)
Number of cases

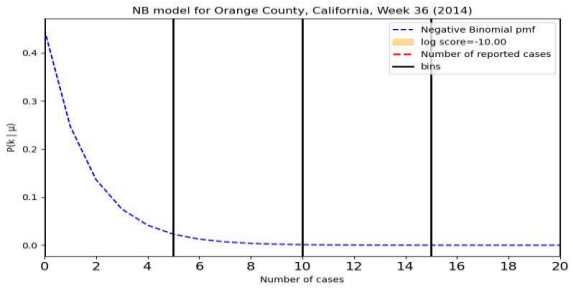

NB model for Orange County, California, Week 31 (2014)
Negative Binomial pmf
log score=-9.01
Number of reported cases
bins
P(k | μ)
Number of cases

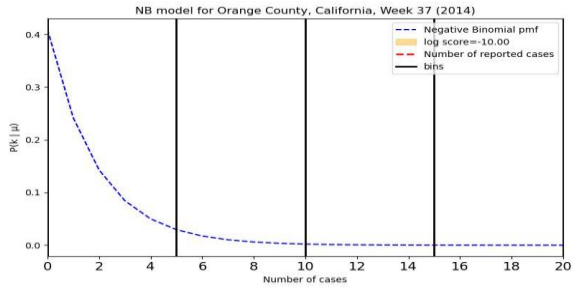

NB model for Orange County, California, Week 32 (2014)
Negative Binomial pmf
log score=-10.00
Number of reported cases
bins
P(k | μ)
Number of cases

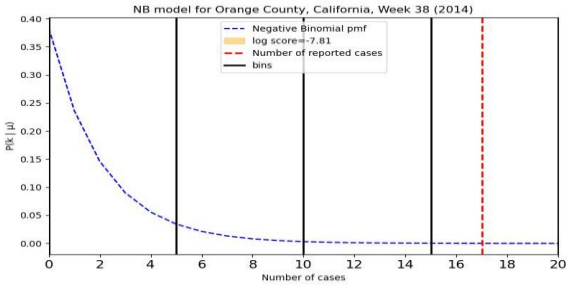

NB model for Orange County, California, Week 33 (2014)
Negative Binomial pmf
log score=-6.05
Number of reported cases
bins
P(k | μ)
Number of cases

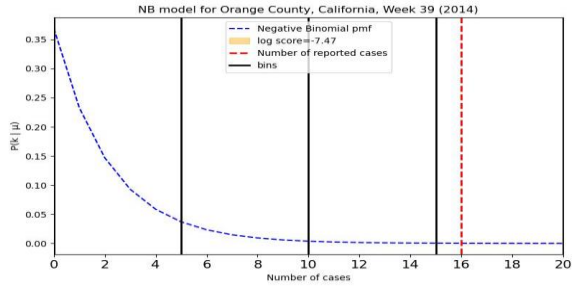

NB model for Orange County, California, Week 34 (2014)
Negative Binomial pmf
log score=-10.00
Number of reported cases
bins
P(k | μ)
Number of cases

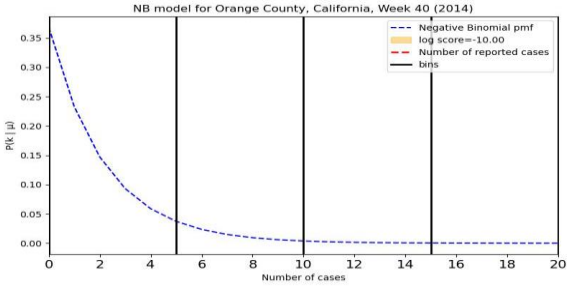

NB model for Orange County, California, Week 35 (2014)
Negative Binomial pmf
log score=-10.00
Number of reported cases
bins
P(k | μ)
Number of cases

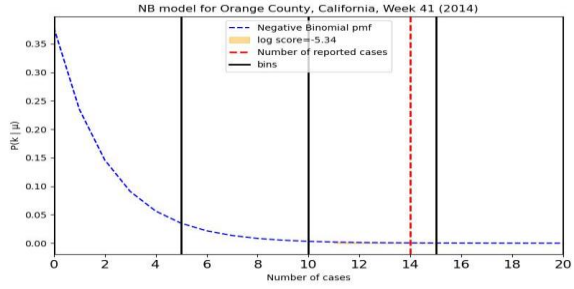

NB model for Orange County, California, Week 36 (2014)
Negative Binomial pmf
log score=-10.00
Number of reported cases
bins
P(k | μ)
Number of cases

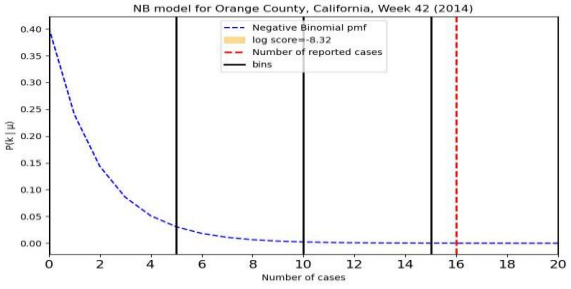

NB model for Orange County, California, Week 37 (2014)
Negative Binomial pmf
log score=-10.00
Number of reported cases
bins
P(k | μ)
Number of cases

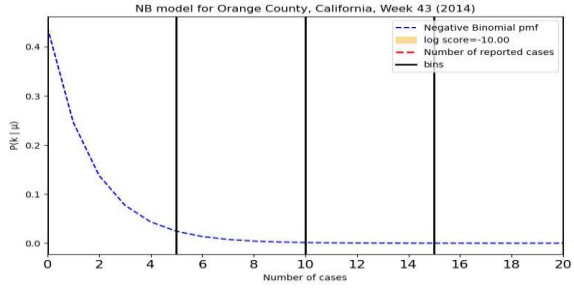

NB model for Orange County, California, Week 38 (2014)
Negative Binomial pmf
log score=-7.81
Number of reported cases
bins
P(k | μ)
Number of cases

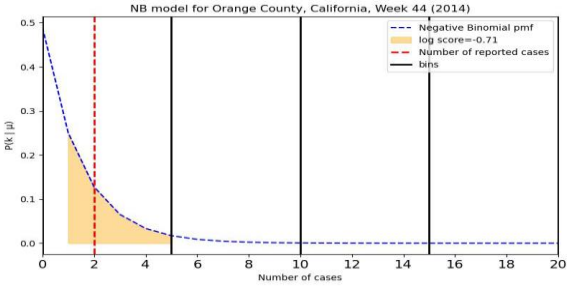

NB model for Orange County, California, Week 39 (2014)
Negative Binomial pmf
log score=-7.47
Number of reported cases
bins
P(k | μ)
Number of cases

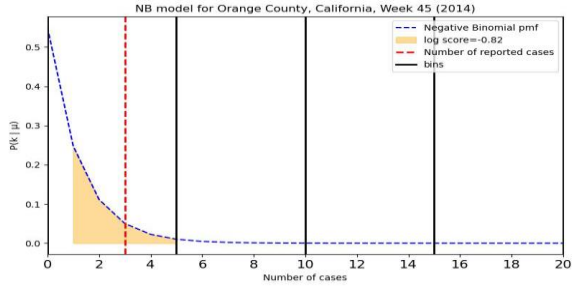

NB model for Orange County, California, Week 40 (2014)
Negative Binomial pmf
log score=-10.00
Number of reported cases
bins
P(k | μ)
Number of cases

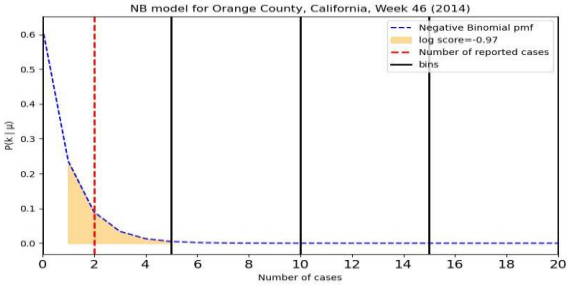

NB model for Orange County, California, Week 41 (2014)
Negative Binomial pmf
log score=-5.34
Number of reported cases
bins
P(k | μ)
Number of cases

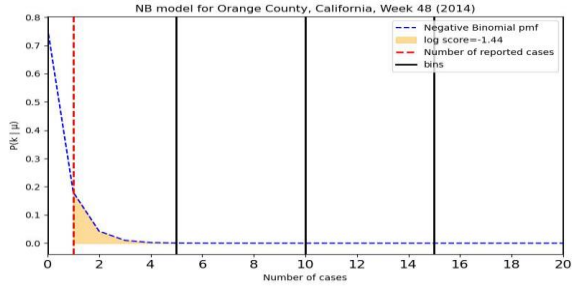

NB model for Orange County, California, Week 42 (2014)
Negative Binomial pmf
log score=-8.32
Number of reported cases
bins
P(k | μ)
Number of cases

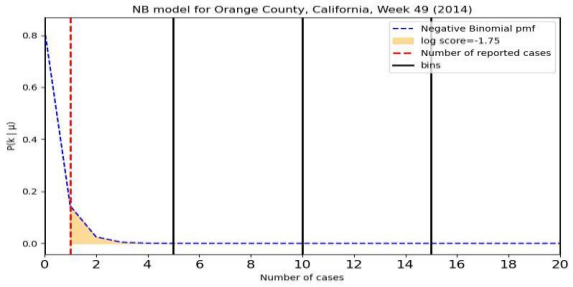

NB model for Orange County, California, Week 43 (2014)
Negative Binomial pmf
log score=-10.00
Number of reported cases
bins
P(k | μ)
Number of cases

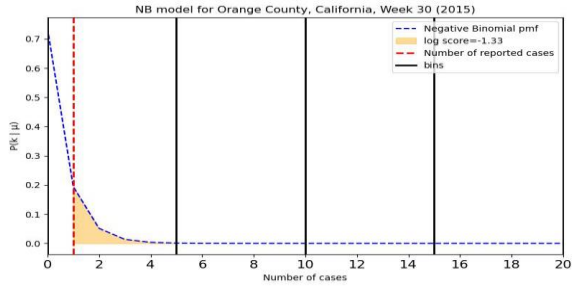

NB model for Orange County, California, Week 44 (2014)
Negative Binomial pmf
log score=-0.71
Number of reported cases
bins
P(k | μ)
Number of cases

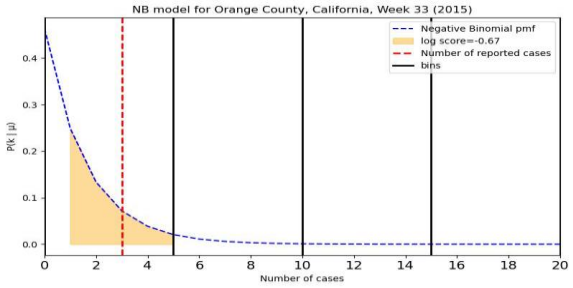

NB model for Orange County, California, Week 45 (2014)
Negative Binomial pmf
log score=-0.82
Number of reported cases
bins
P(k | μ)
Number of cases

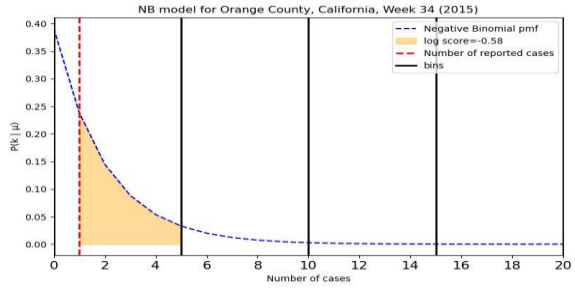

NB model for Orange County, California, Week 46 (2014)
Negative Binomial pmf
log score=-0.97
Number of reported cases
bins
P(k | μ)
Number of cases

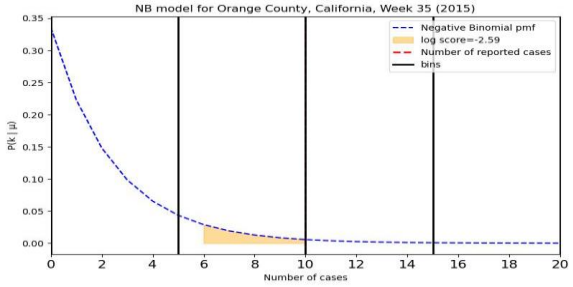

NB model for Orange County, California, Week 48 (2014)
Negative Binomial pmf
log score=-1.44
Number of reported cases
bins
P(k | μ)
Number of cases

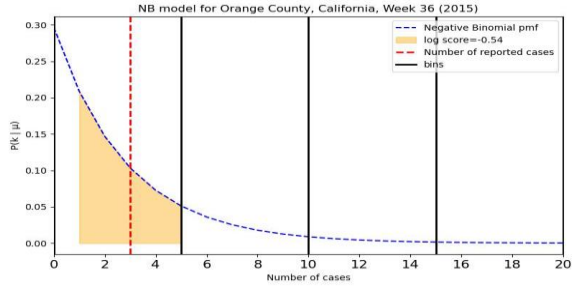

NB model for Orange County, California, Week 49 (2014)
Negative Binomial pmf
log score=-1.75
Number of reported cases
bins
P(k | μ)
Number of cases

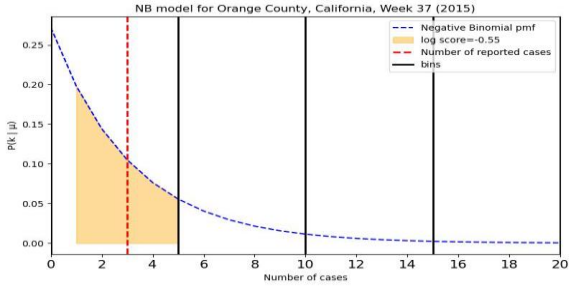

NB model for Orange County, California, Week 30 (2015)
Negative Binomial pmf
log score=-1.33
Number of reported cases
bins
P(k | μ)
Number of cases

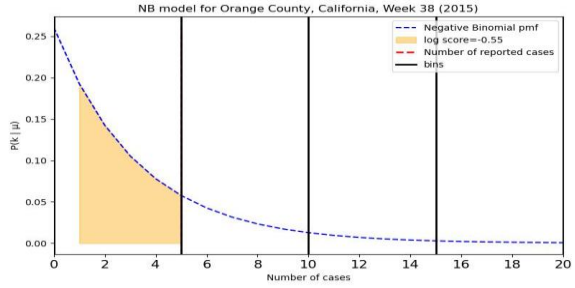

NB model for Orange County, California, Week 33 (2015)
Negative Binomial pmf
log score=-0.67
Number of reported cases
bins
P(k | μ)
Number of cases

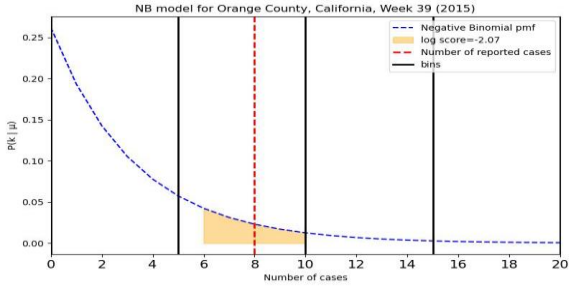

NB model for Orange County, California, Week 34 (2015)
Negative Binomial pmf
log score=-0.58
Number of reported cases
bins
P(k | μ)
Number of cases

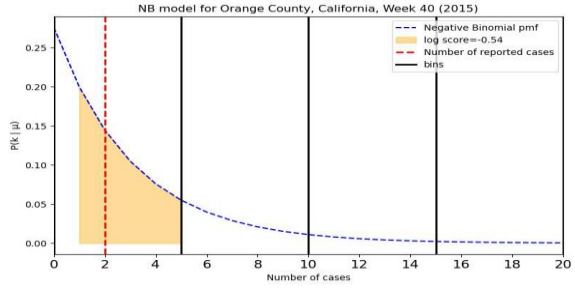

NB model for Orange County, California, Week 35 (2015)
Negative Binomial pmf
log score=-2.59
Number of reported cases
bins
P(k | μ)
Number of cases

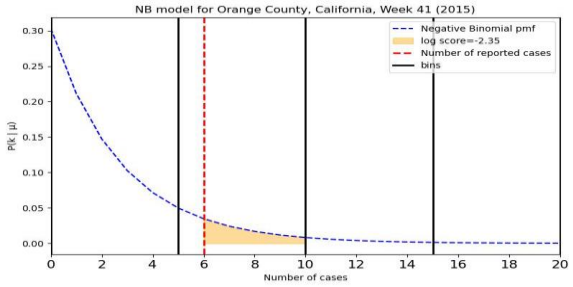

NB model for Orange County, California, Week 36 (2015)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

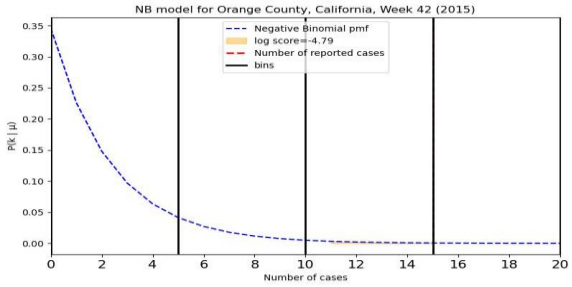

NB model for Orange County, California, Week 37 (2015)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

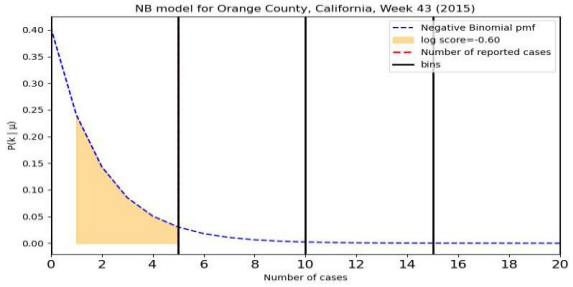

NB model for Orange County, California, Week 38 (2015)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

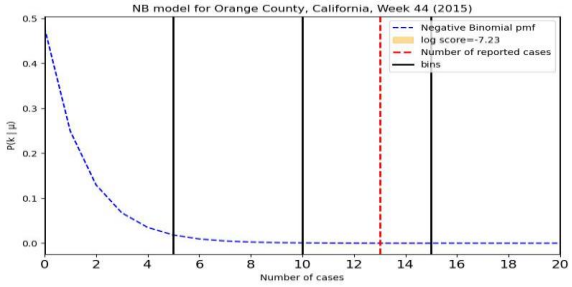

NB model for Orange County, California, Week 39 (2015)
Negative Binomial pmf
log score=-2.07
Number of reported cases
bins
P(k | μ)
Number of cases

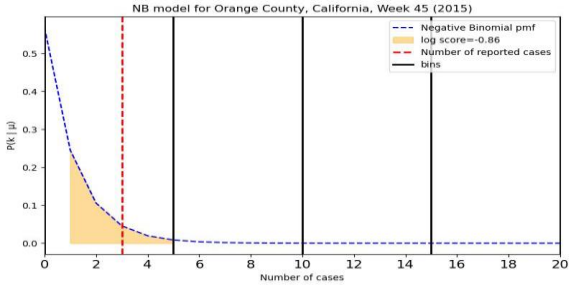

NB model for Orange County, California, Week 40 (2015)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

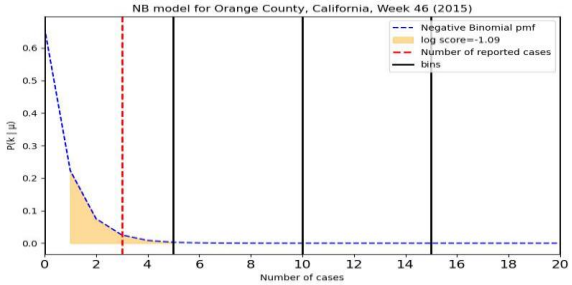

NB model for Orange County, California, Week 41 (2015)
Negative Binomial pmf
log score=-2.35
Number of reported cases
bins
P(k | μ)
Number of cases

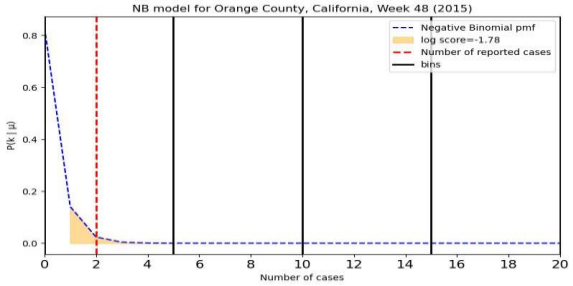

NB model for Orange County, California, Week 42 (2015)
Negative Binomial pmf
log score=-4.79
Number of reported cases
bins
P(k | μ)
Number of cases

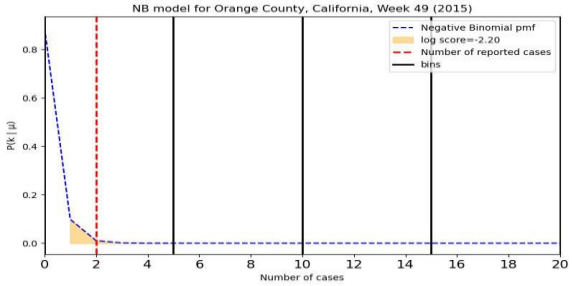

NB model for Orange County, California, Week 43 (2015)
Negative Binomial pmf
log score=-0.60
Number of reported cases
bins
P(k | μ)
Number of cases

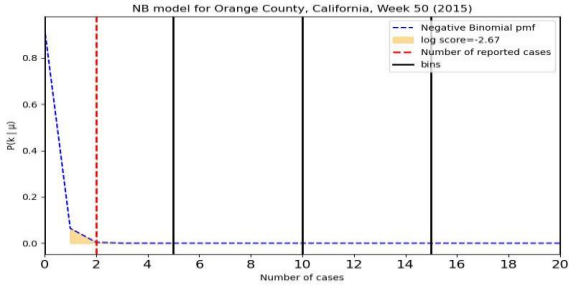

NB model for Orange County, California, Week 44 (2015)
Negative Binomial pmf
log score=-7.23
Number of reported cases
bins
P(k | μ)
Number of cases

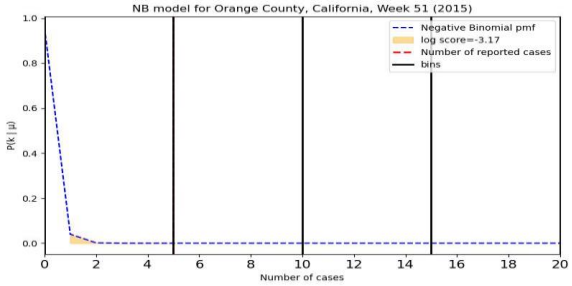

NB model for Orange County, California, Week 45 (2015)
Negative Binomial pmf
log score=-0.86
Number of reported cases
bins
P(k | μ)
Number of cases

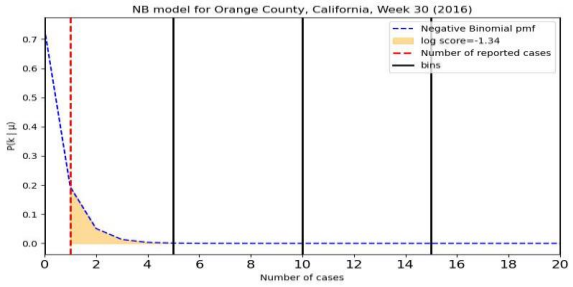

NB model for Orange County, California, Week 46 (2015)
Negative Binomial pmf
log score=-1.09
Number of reported cases
bins
P(k | μ)
Number of cases

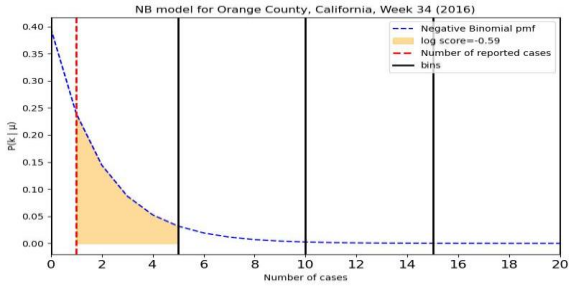

NB model for Orange County, California, Week 48 (2015)
Negative Binomial pmf
log score=-1.78
Number of reported cases
bins
P(k | μ)
Number of cases

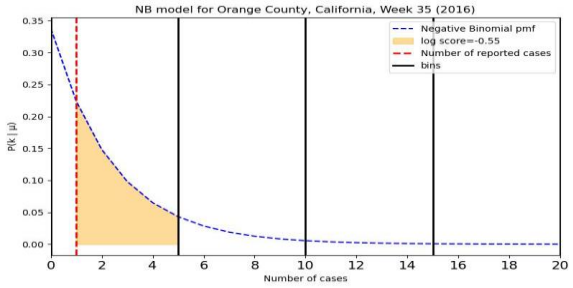

NB model for Orange County, California, Week 49 (2015)
Negative Binomial pmf
log score=-2.20
Number of reported cases
bins
P(k | μ)
Number of cases

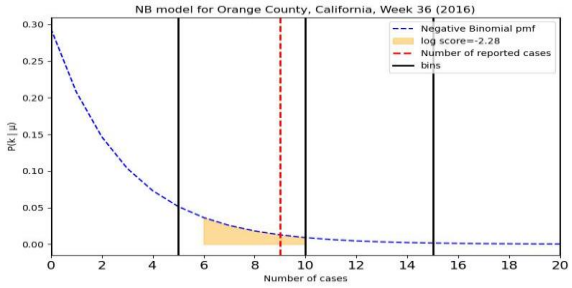

NB model for Orange County, California, Week 50 (2015)
Negative Binomial pmf
log score=-2.67
Number of reported cases
bins
P(k | μ)
Number of cases

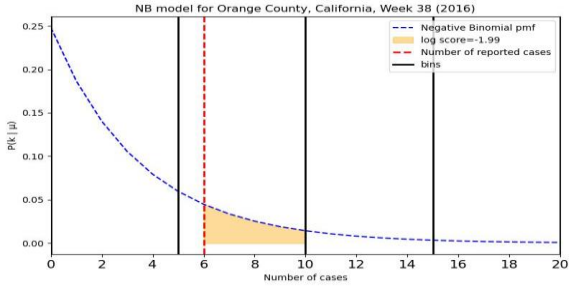

NB model for Orange County, California, Week 51 (2015)
Negative Binomial pmf
log score=-3.17
Number of reported cases
bins
P(k | μ)
Number of cases

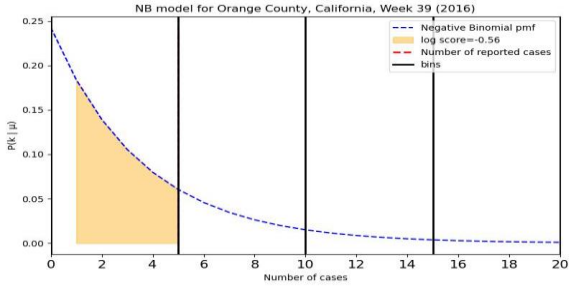

NB model for Orange County, California, Week 30 (2016)
Negative Binomial pmf
log score=-1.34
Number of reported cases
bins
P(k | μ)
Number of cases

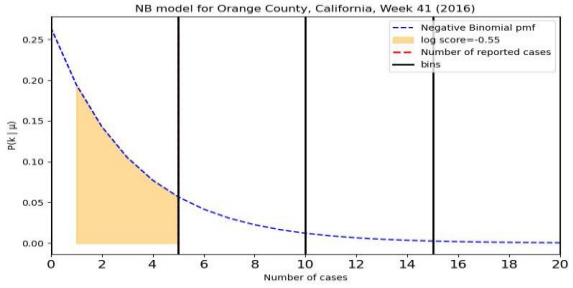

NB model for Orange County, California, Week 34 (2016)
Negative Binomial pmf
log score=-0.59
Number of reported cases
bins
P(k | μ)
Number of cases

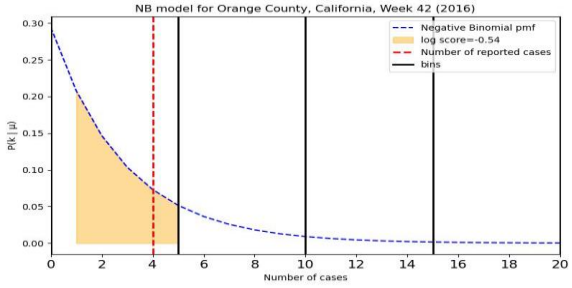

NB model for Orange County, California, Week 35 (2016)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

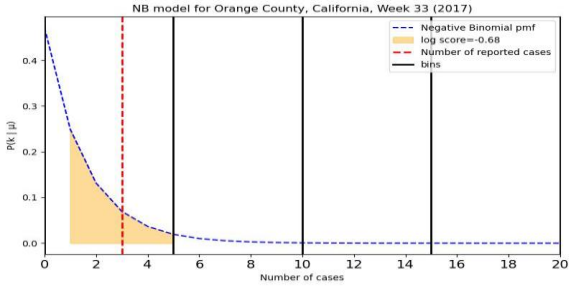

NB model for Orange County, California, Week 36 (2016)
Negative Binomial pmf
log score=-2.28
Number of reported cases
bins
P(k | μ)
Number of cases

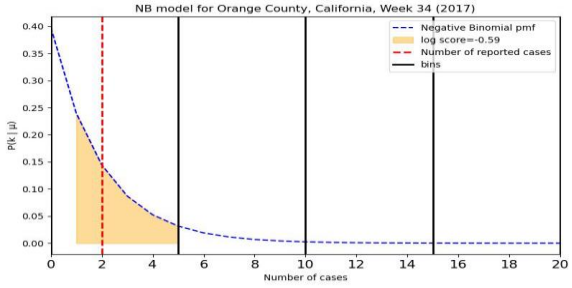

NB model for Orange County, California, Week 38 (2016)
Negative Binomial pmf
log score=-1.99
Number of reported cases
bins
P(k | μ)
Number of cases

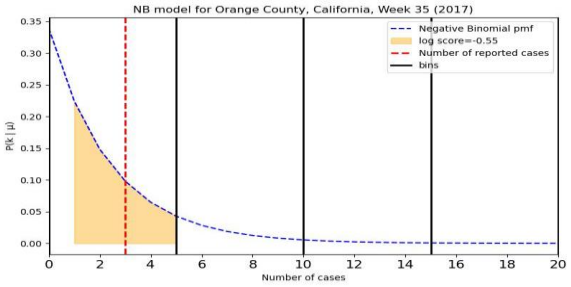

NB model for Orange County, California, Week 39 (2016)
Negative Binomial pmf
log score=-0.56
Number of reported cases
bins
P(k | μ)
Number of cases

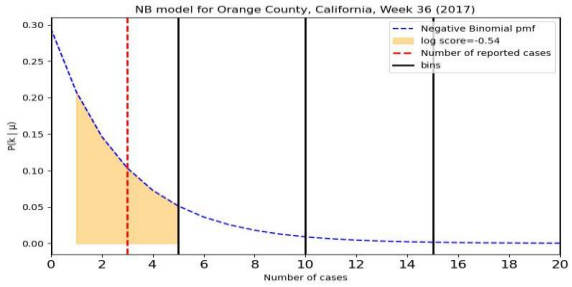

NB model for Orange County, California, Week 41 (2016)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

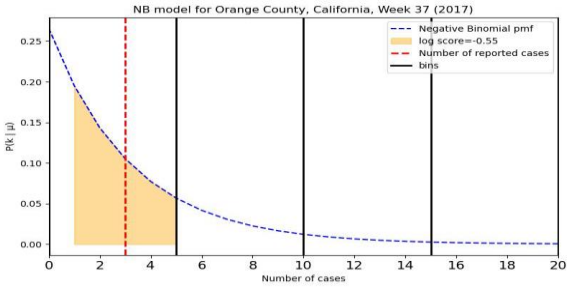

NB model for Orange County, California, Week 42 (2016)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

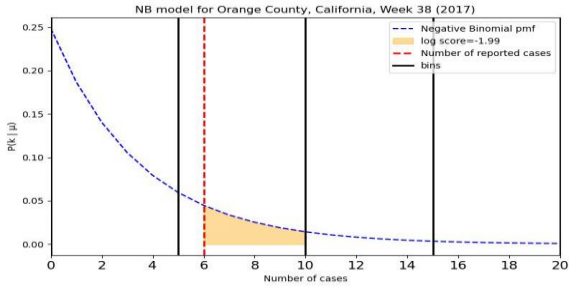

NB model for Orange County, California, Week 33 (2017)
Negative Binomial pmf
log score=-0.68
Number of reported cases
bins
P(k | μ)
Number of cases

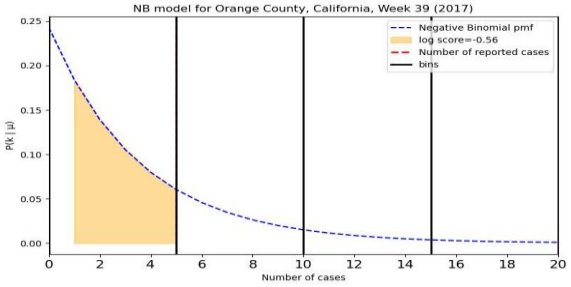

NB model for Orange County, California, Week 34 (2017)
Negative Binomial pmf
log score=-0.59
Number of reported cases
bins
P(k | μ)
Number of cases

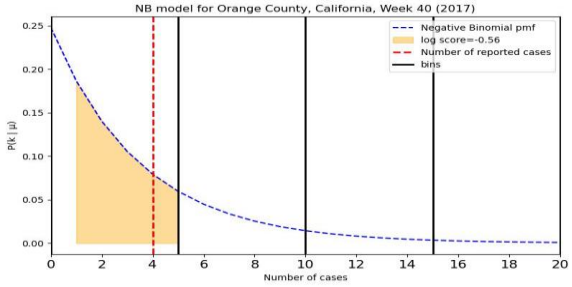

NB model for Orange County, California, Week 35 (2017)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

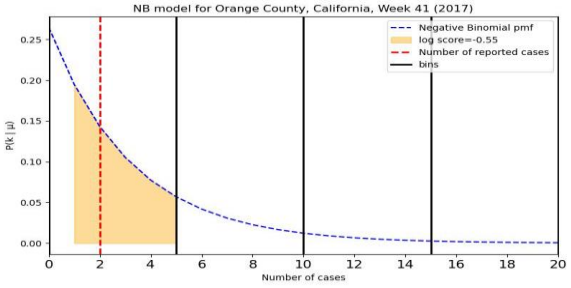

NB model for Orange County, California, Week 36 (2017)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

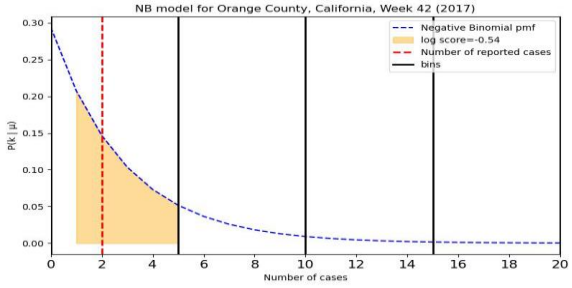

NB model for Orange County, California, Week 37 (2017)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

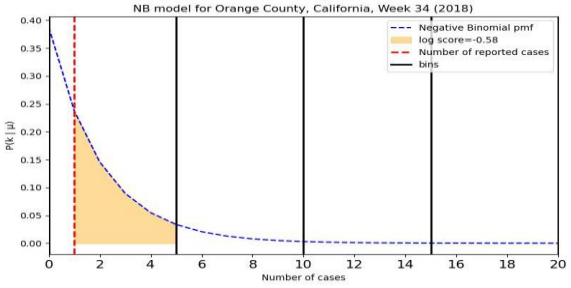

NB model for Orange County, California, Week 38 (2017)
Negative Binomial pmf
log score=-1.99
Number of reported cases
bins
P(k | μ)
Number of cases

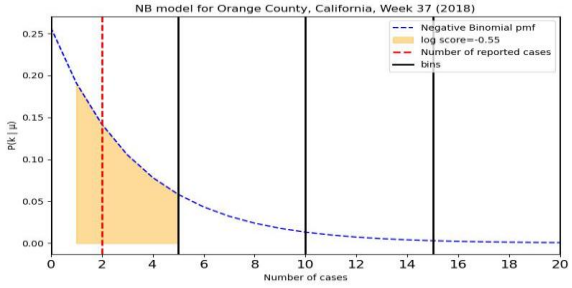

NB model for Orange County, California, Week 39 (2017)
Negative Binomial pmf
log score=-0.56
Number of reported cases
bins
P(k | μ)
Number of cases

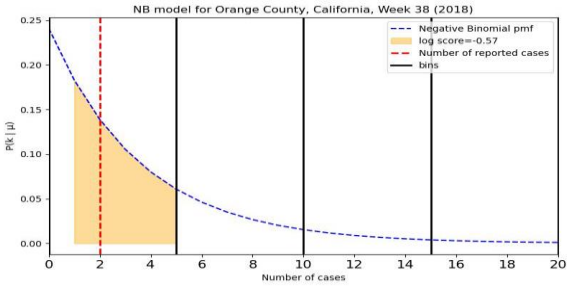

NB model for Orange County, California, Week 40 (2017)
Negative Binomial pmf
log score=-0.56
Number of reported cases
bins
P(k | μ)
Number of cases

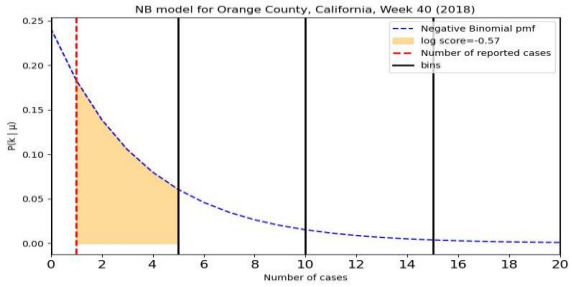

NB model for Orange County, California, Week 41 (2017)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

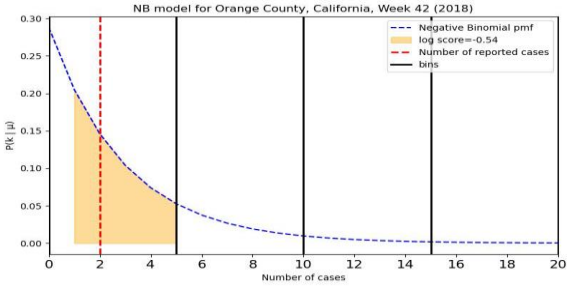

NB model for Orange County, California, Week 42 (2017)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

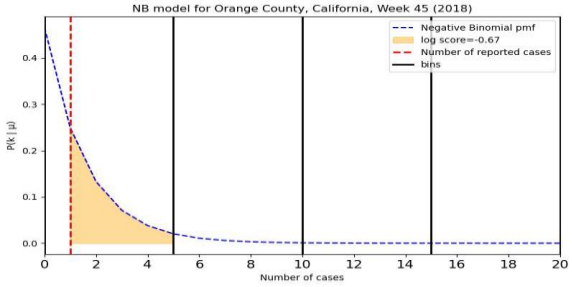

NB model for Orange County, California, Week 34 (2018)
Negative Binomial pmf
log score=-0.58
Number of reported cases
bins
P(k | μ)
Number of cases

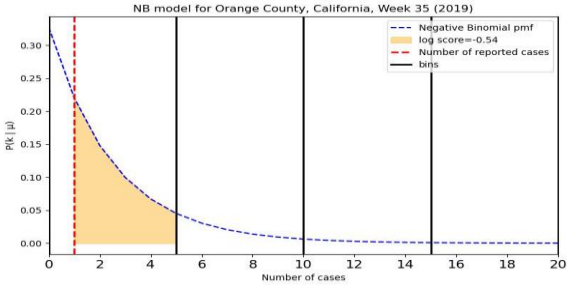

NB model for Orange County, California, Week 37 (2018)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

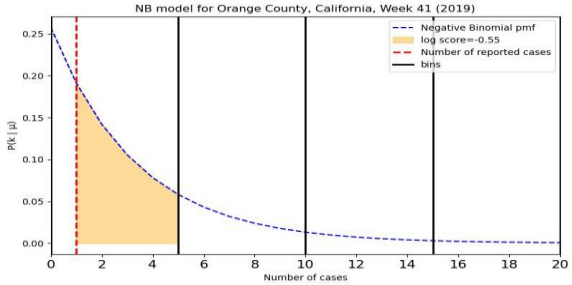

NB model for Orange County, California, Week 38 (2018)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

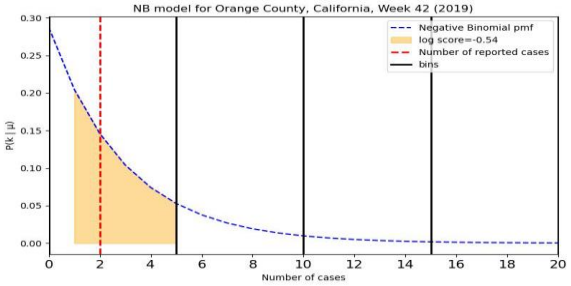

NB model for Orange County, California, Week 40 (2018)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

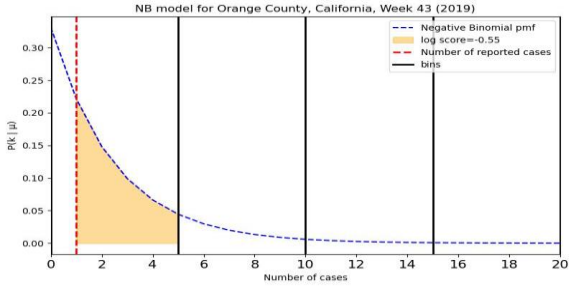

NB model for Orange County, California, Week 42 (2018)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

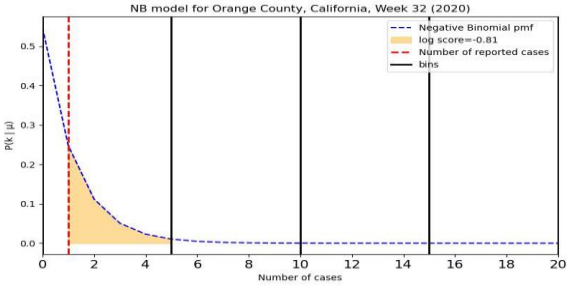

NB model for Orange County, California, Week 45 (2018)
Negative Binomial pmf
log score=-0.67
Number of reported cases
bins
P(k | μ)
Number of cases

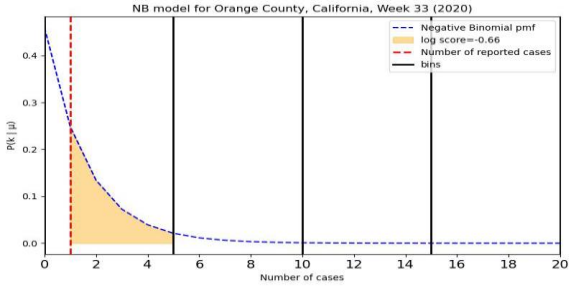

NB model for Orange County, California, Week 35 (2019)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

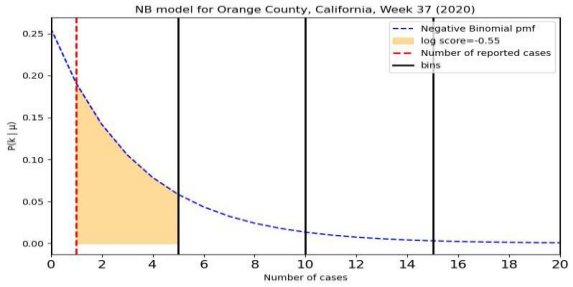

NB model for Orange County, California, Week 41 (2019)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

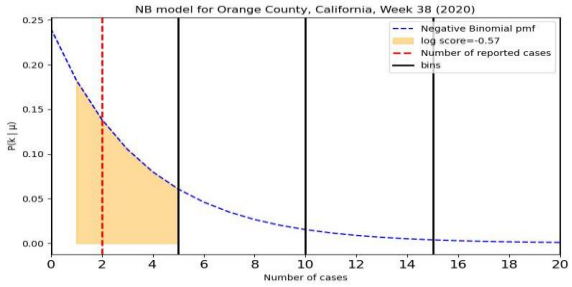

NB model for Orange County, California, Week 42 (2019)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

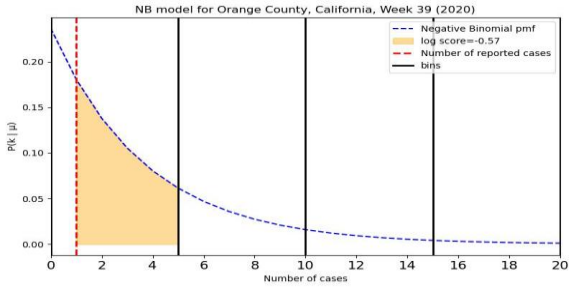

NB model for Orange County, California, Week 43 (2019)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

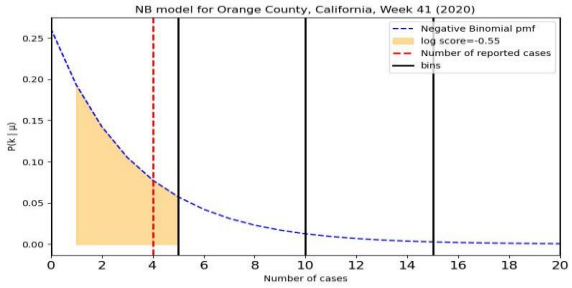

NB model for Orange County, California, Week 32 (2020)
Negative Binomial pmf
log score=-0.81
Number of reported cases
bins
P(k | μ)
Number of cases

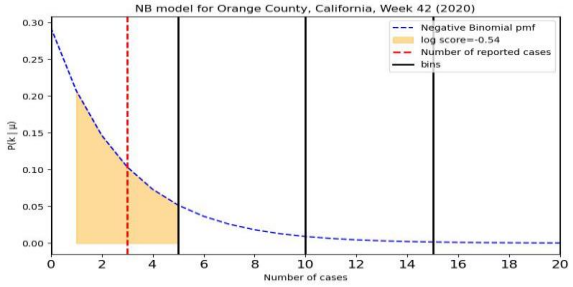

NB model for Orange County, California, Week 33 (2020)
Negative Binomial pmf
log score=-0.66
Number of reported cases
bins
P(k | μ)
Number of cases

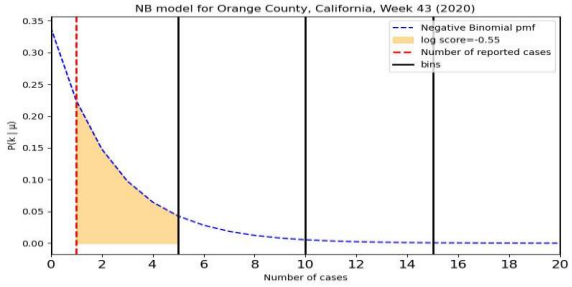

NB model for Orange County, California, Week 37 (2020)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

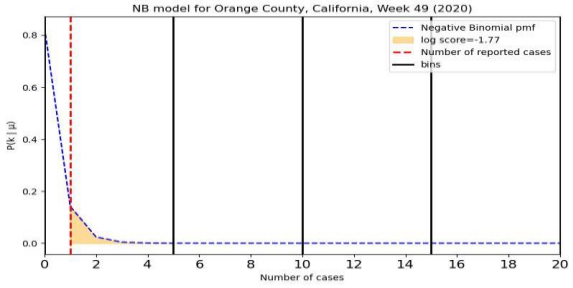

NB model for Orange County, California, Week 38 (2020)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

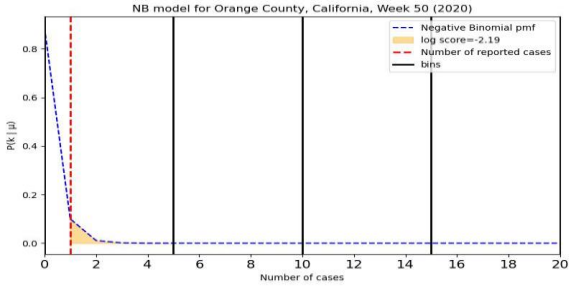

NB model for Orange County, California, Week 39 (2020)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

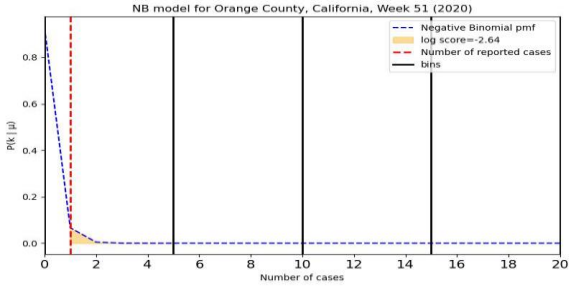

NB model for Orange County, California, Week 41 (2020)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

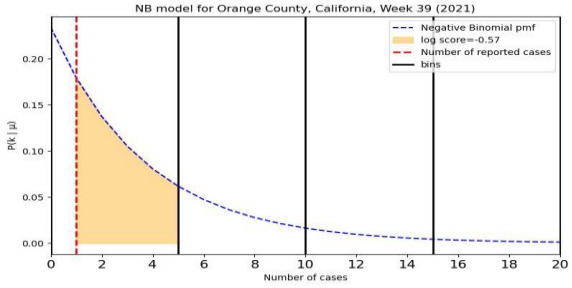

NB model for Orange County, California, Week 42 (2020)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

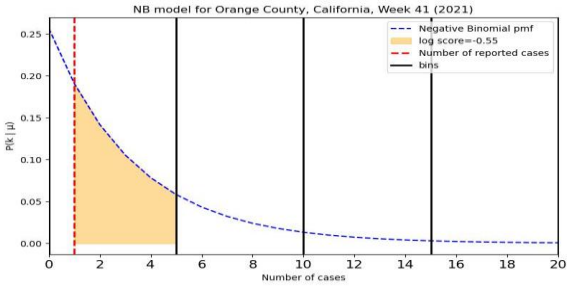

NB model for Orange County, California, Week 43 (2020)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

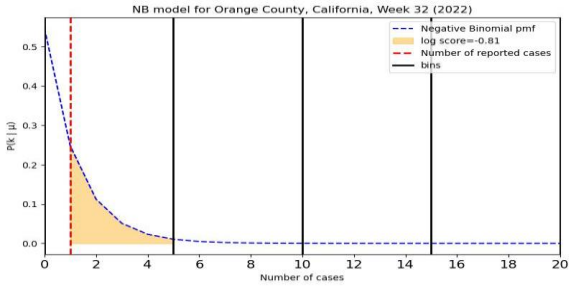

NB model for Orange County, California, Week 49 (2020)
Negative Binomial pmf
log score=-1.77
Number of reported cases
bins
P(k | μ)
Number of cases

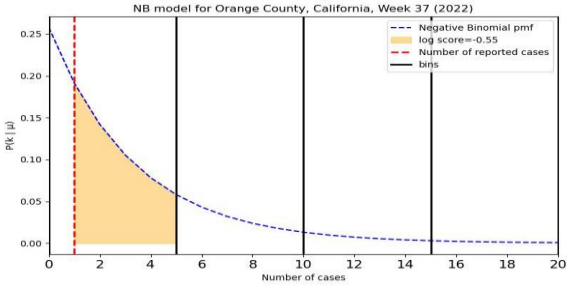

NB model for Orange County, California, Week 50 (2020)
Negative Binomial pmf
log score=-2.19
Number of reported cases
bins
P(k | μ)
Number of cases

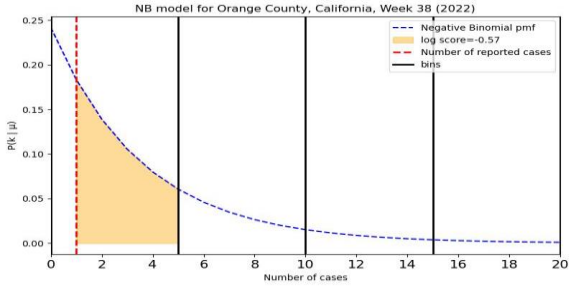

NB model for Orange County, California, Week 51 (2020)
Negative Binomial pmf
log score=-2.64
Number of reported cases
bins
P(k | μ)
Number of cases

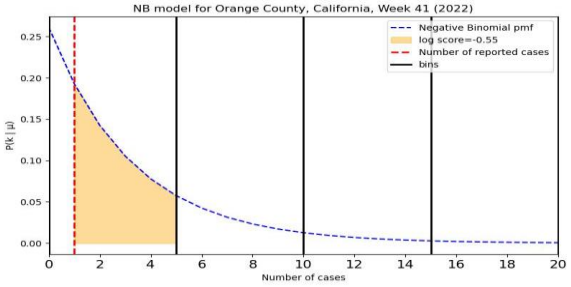

NB model for Orange County, California, Week 39 (2021)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

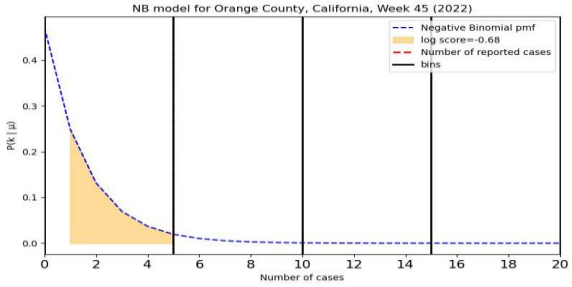

NB model for Orange County, California, Week 41 (2021)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

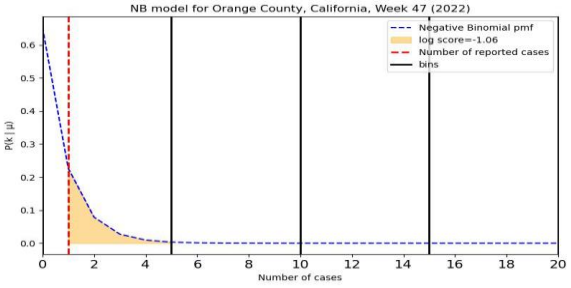

NB model for Orange County, California, Week 32 (2022)
Negative Binomial pmf
log score=-0.81
Number of reported cases
bins
P(k | μ)
Number of cases

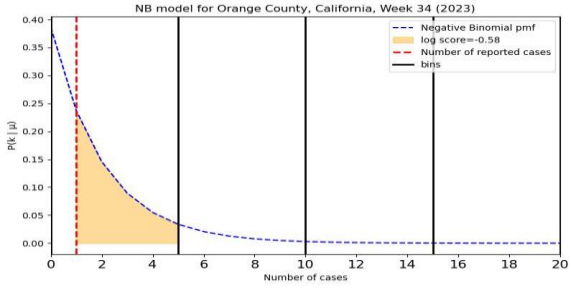

NB model for Orange County, California, Week 37 (2022)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

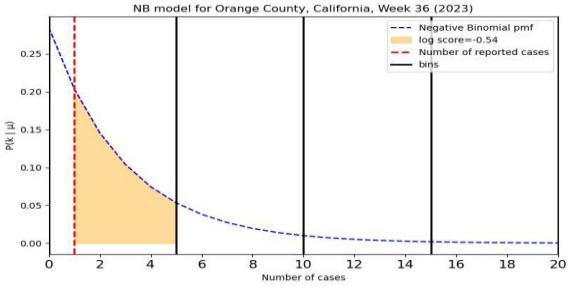

NB model for Orange County, California, Week 38 (2022)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

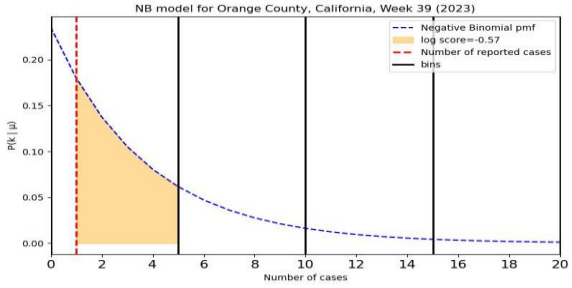

NB model for Orange County, California, Week 41 (2022)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

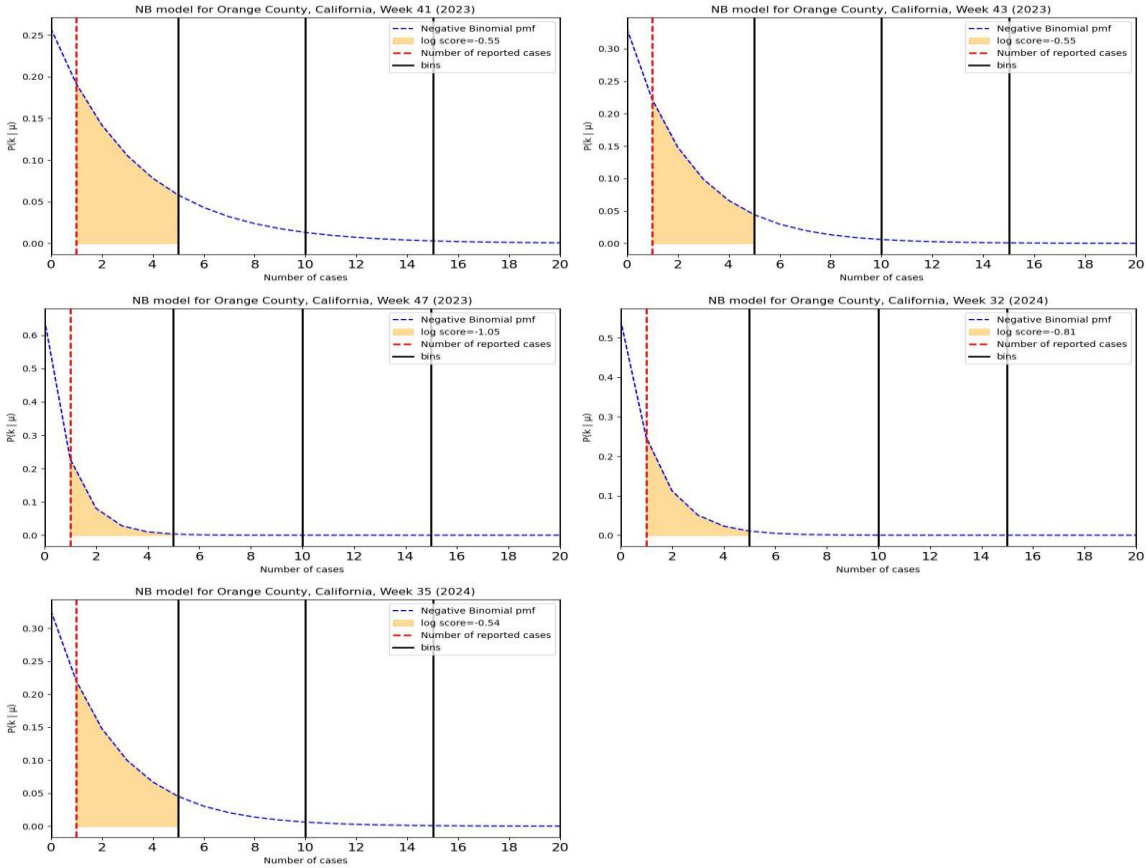

NB model for Orange County, California, Week 45 (2022)
Negative Binomial pmf
log score=-0.68
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Orange County, California, Week 47 (2022)
Negative Binomial pmf
log score=-1.06
Number of reported cases
bins
P(k | μ)
Number of cases

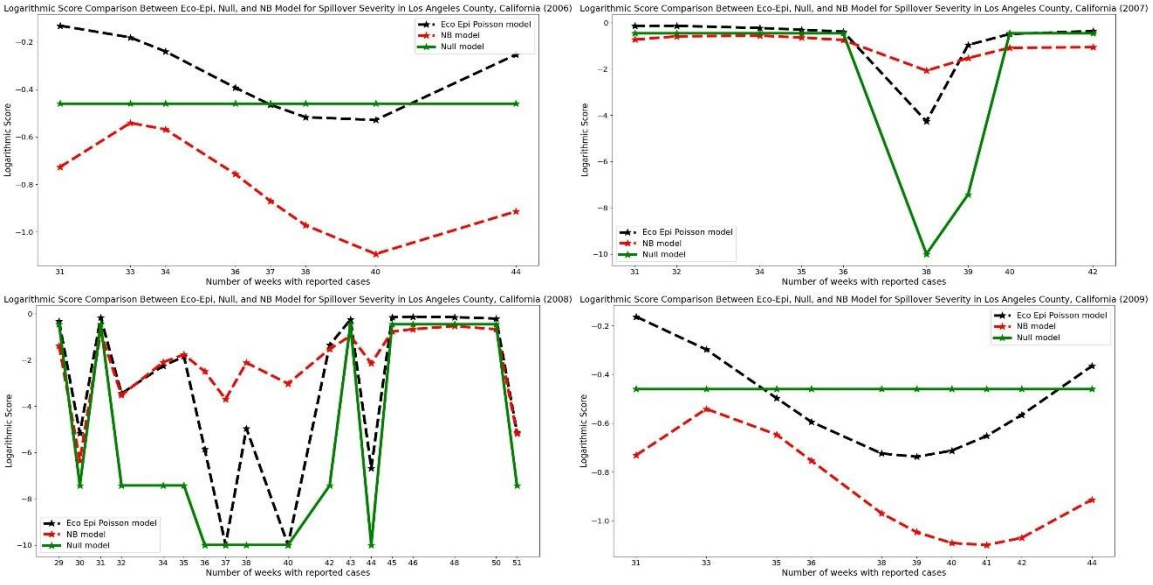

NB model for Orange County, California, Week 34 (2023)
Negative Binomial pmf
log score=-0.58
Number of reported cases
bins
P(k | μ)
Number of cases

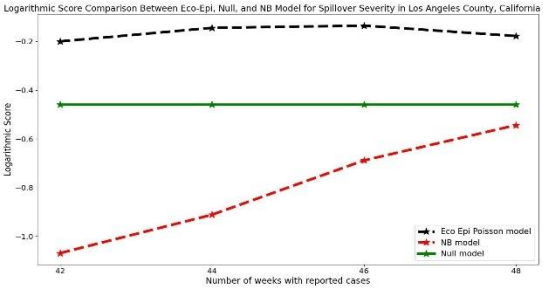

NB model for Orange County, California, Week 36 (2023)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

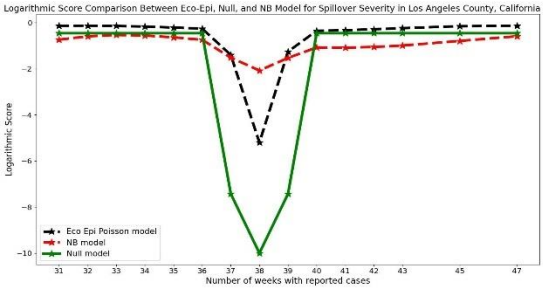

NB model for Orange County, California, Week 39 (2023)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

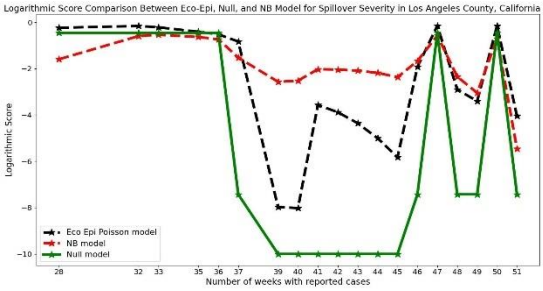


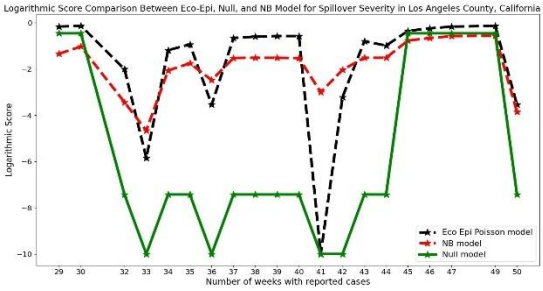
1.2.2.5 Logarithmic comparison of the models-Los Angeles County, California (2006-2024):

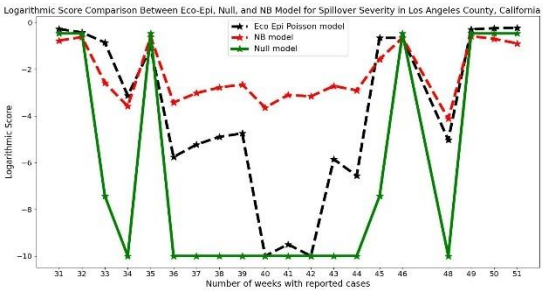


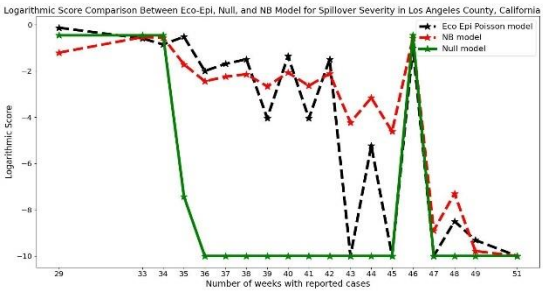

Logarithmic Score Comparison Between Eco-Epi, Null, and NB Model for Spillover Severity in Los Angeles County, California (2010)
Logarithmic Score
Number of weeks with reported cases
Eco Epi Poisson model
NB model
Null model

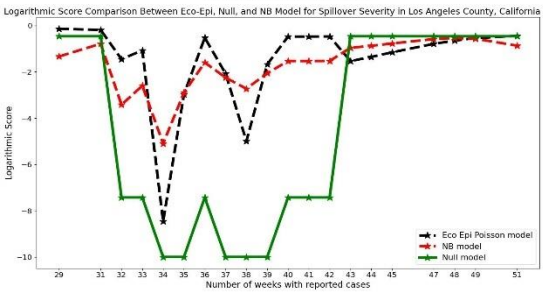

Logarithmic Score Comparison Between Eco-Epi, Null, and NB Model for Spillover Severity in Los Angeles County, California (2011)
Logarithmic Score
Number of weeks with reported cases
Eco Epi Poisson model
NB model
Null model

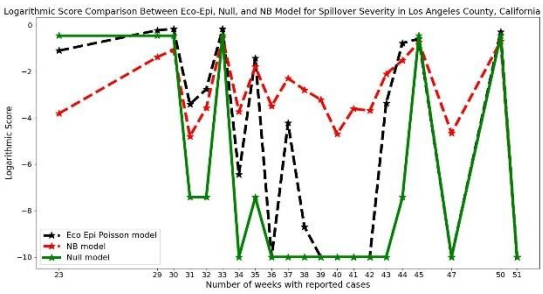

Logarithmic Score Comparison Between Eco-Epi, Null, and NB Model for Spillover Severity in Los Angeles County, California (2012)
Logarithmic Score
Number of weeks with reported cases
Eco Epi Poisson model
NB model
Null model

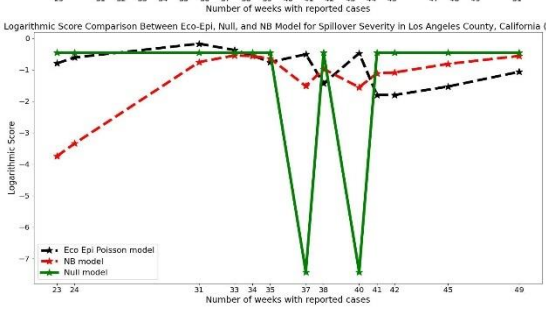

Logarithmic Score Comparison Between Eco-Epi, Null, and NB Model for Spillover Severity in Los Angeles County, California (2013)
Logarithmic Score
Number of weeks with reported cases
Eco Epi Poisson model
NB model
Null model

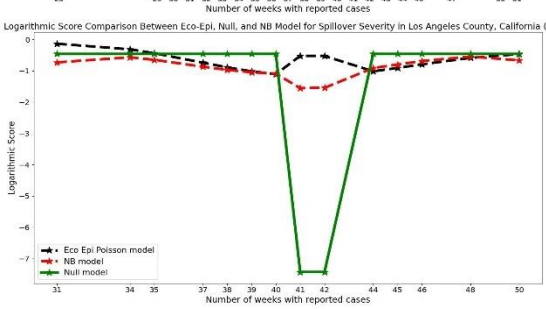

Logarithmic Score Comparison Between Eco-Epi, Null, and NB Model for Spillover Severity in Los Angeles County, California (2014)
Logarithmic Score
Number of weeks with reported cases
Eco Epi Poisson model
NB model
Null model

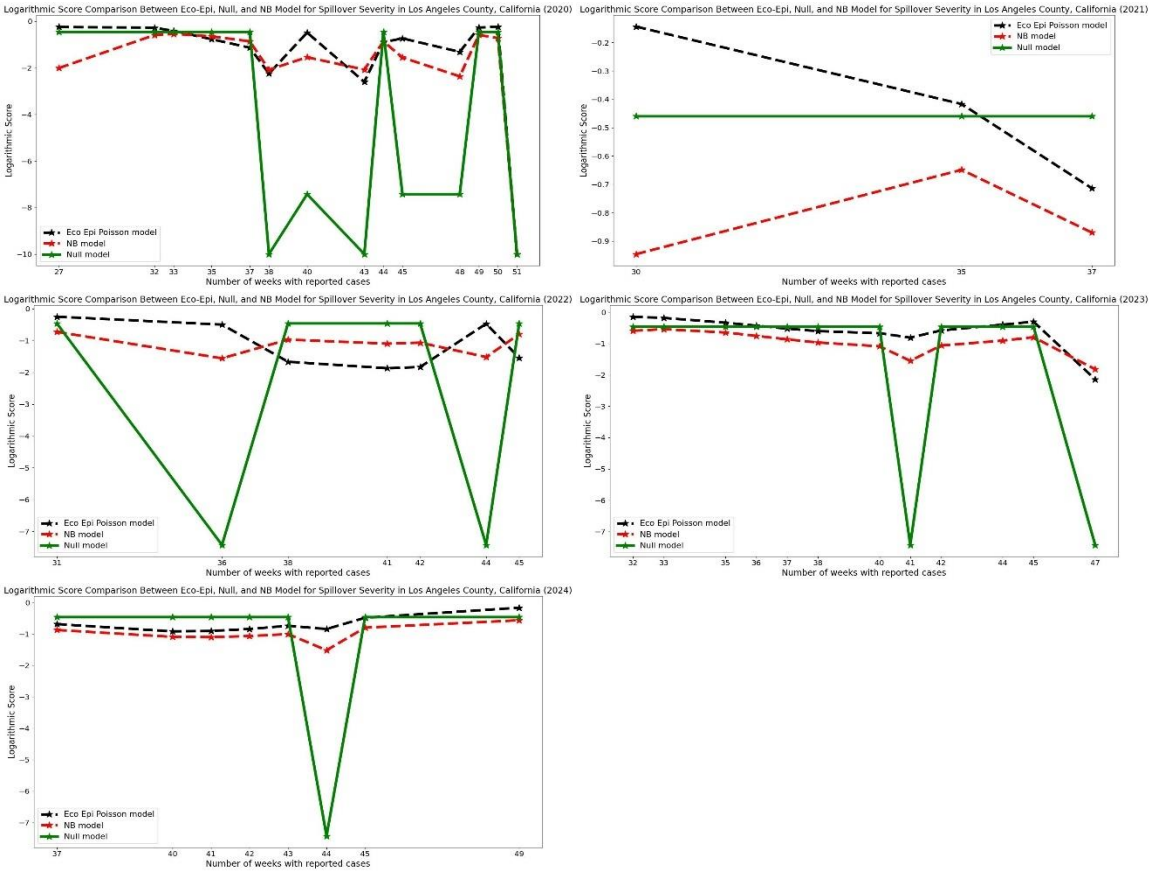

Logarithmic Score Comparison Between Eco-Epi, Null, and NB Model for Spillover Severity in Los Angeles County, California (2015)
Logarithmic Score
Number of weeks with reported cases
Eco Epi Poisson model
NB model
Null model


Logarithmic Score Comparison Between Eco-Epi, Null, and NB Model for Spillover Severity in Los Angeles County, California (2016)
Logarithmic Score
Number of weeks with reported cases
Eco Epi Poisson model
NB model
Null model

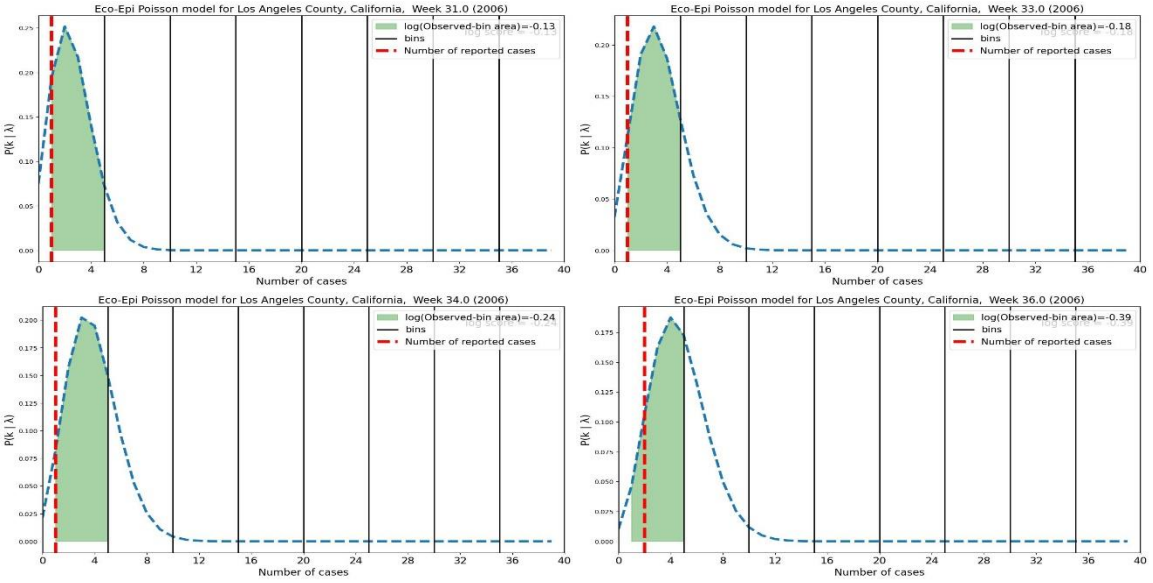

Logarithmic Score Comparison Between Eco-Epi, Null, and NB Model for Spillover Severity in Los Angeles County, California (2017)
Logarithmic Score
Number of weeks with reported cases
Eco Epi Poisson model
NB model
Null model

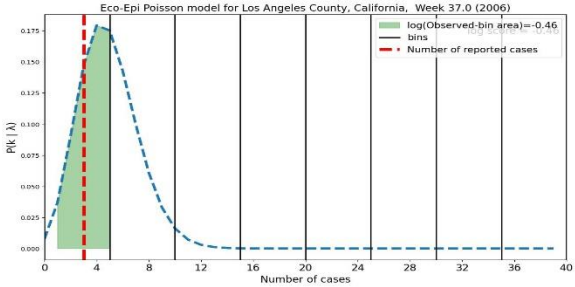

Logarithmic Score Comparison Between Eco-Epi, Null, and NB Model for Spillover Severity in Los Angeles County, California (2018)
Logarithmic Score
Number of weeks with reported cases
Eco Epi Poisson model
NB model
Null model

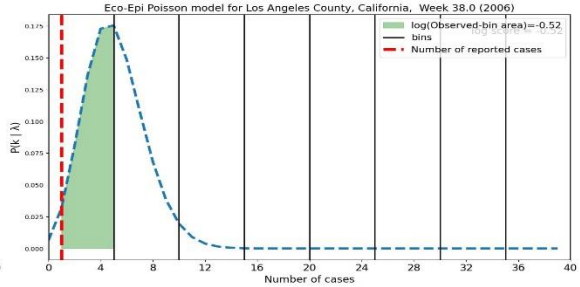

Logarithmic Score Comparison Between Eco-Epi, Null, and NB Model for Spillover Severity in Los Angeles County, California (2019)
Logarithmic Score
Number of weeks with reported cases
Eco Epi Poisson model
NB model
Null model

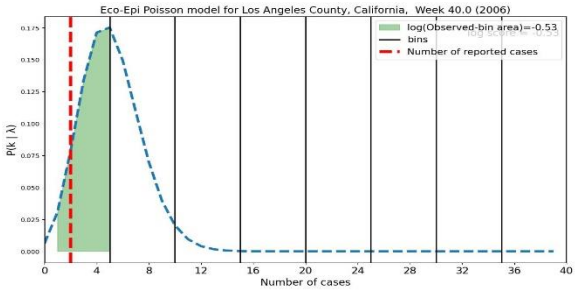


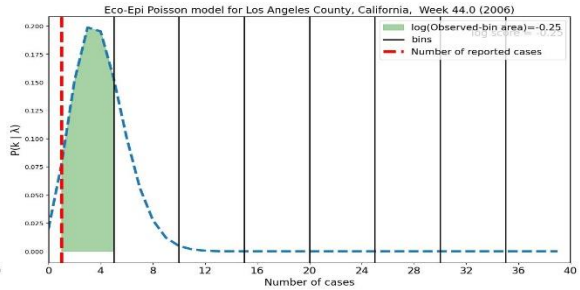
1.2.2.6 Predicted Poisson and NB pmfs and logarithmic score- Los Angeles County, California: 2006



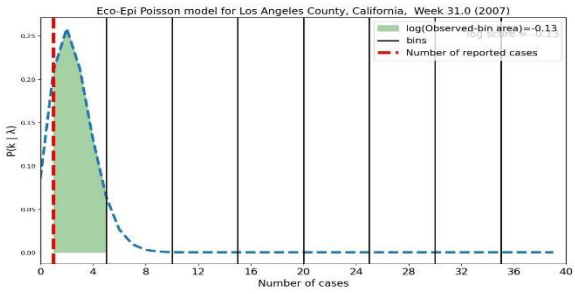

Eco-Epi Poisson model for Los Angeles County, California, Week 37.0 (2006)
log(Observed-bin area)=-0.46
bins
Number of reported cases
P(k | λ)
Number of cases

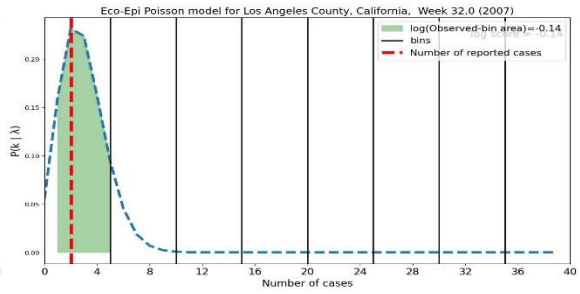

Eco-Epi Poisson model for Los Angeles County, California, Week 38.0 (2006)
log(Observed-bin area)=-0.52
bins
Number of reported cases
P(k | λ)
Number of cases

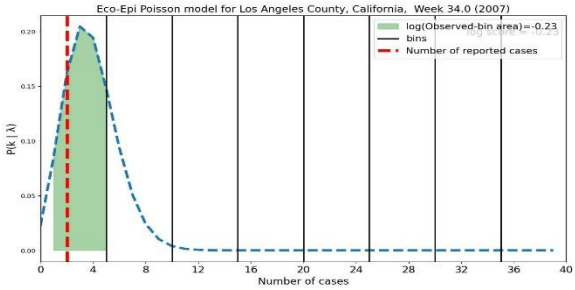

Eco-Epi Poisson model for Los Angeles County, California, Week 40.0 (2006)
log(Observed-bin area)=-0.53
bins
Number of reported cases
P(k | λ)
Number of cases

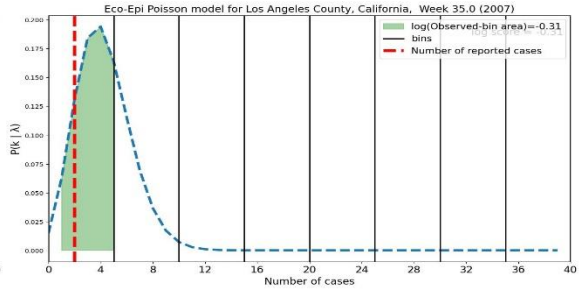

Eco-Epi Poisson model for Los Angeles County, California, Week 44.0 (2006)
log(Observed-bin area)=-0.25
bins
Number of reported cases
P(k | λ)
Number of cases

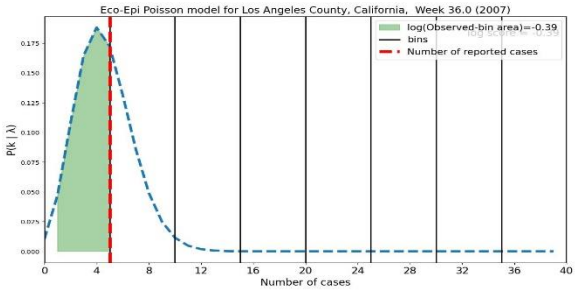
2007

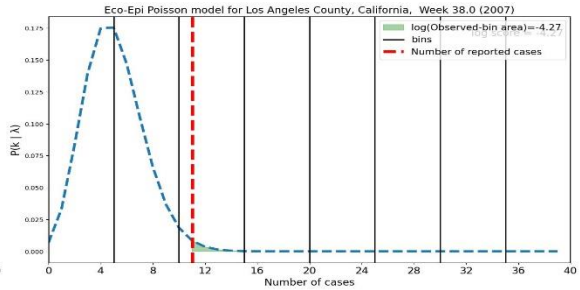

Eco-Epi Poisson model for Los Angeles County, California, Week 31.0 (2007)
log(Observed-bin area)=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

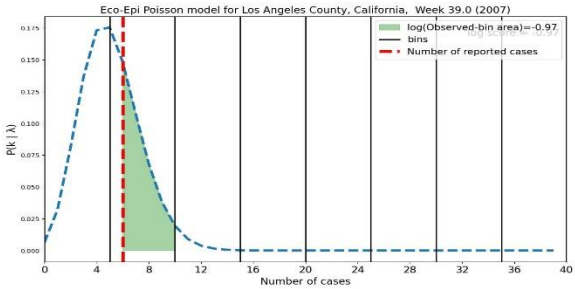

Eco-Epi Poisson model for Los Angeles County, California, Week 32.0 (2007)
log(Observed-bin area)=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

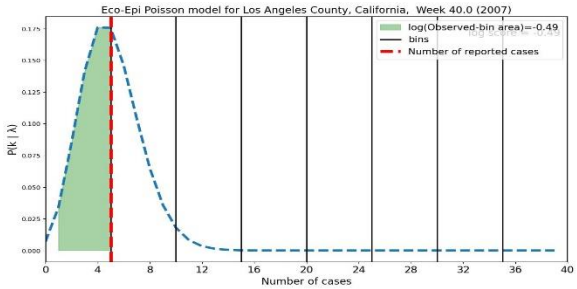

Eco-Epi Poisson model for Los Angeles County, California, Week 34.0 (2007)
log(Observed-bin area)=-0.23
bins
Number of reported cases
P(k | λ)
Number of cases

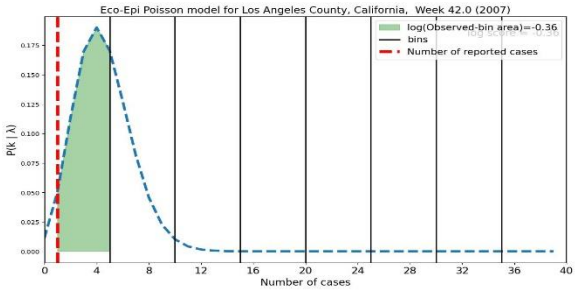

Eco-Epi Poisson model for Los Angeles County, California, Week 35.0 (2007)
log(Observed-bin area)=-0.31
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Los Angeles County, California, Week 36.0 (2007)
log(Observed-bin area)=-0.39
bins
Number of reported cases
P(k | λ)
Number of cases

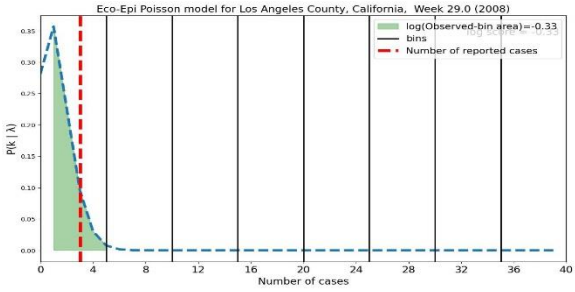

Eco-Epi Poisson model for Los Angeles County, California, Week 38.0 (2007)
log(Observed-bin area)=-4.27
bins
Number of reported cases
P(k | λ)
Number of cases

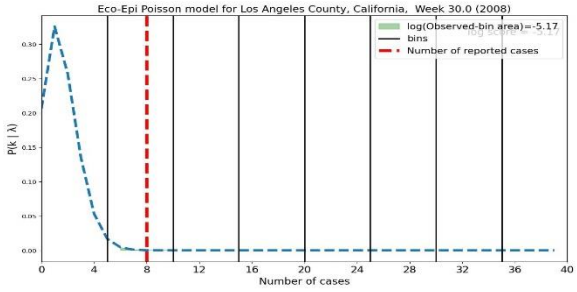

Eco-Epi Poisson model for Los Angeles County, California, Week 39.0 (2007)
log(Observed-bin area)=-0.97
bins
Number of reported cases
P(k | λ)
Number of cases

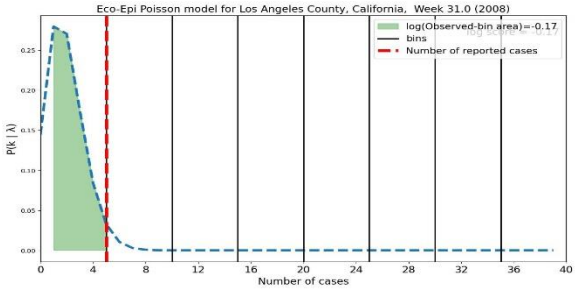

Eco-Epi Poisson model for Los Angeles County, California, Week 40.0 (2007)
log(Observed-bin area)=-0.49
bins
Number of reported cases
P(k | λ)
Number of cases

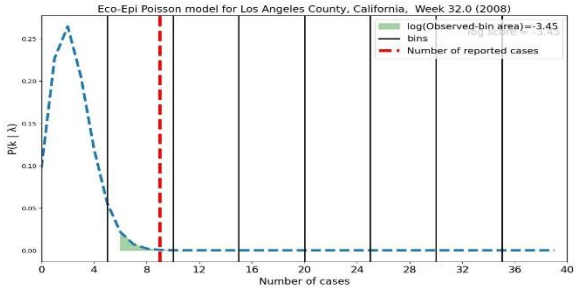

Eco-Epi Poisson model for Los Angeles County, California, Week 42.0 (2007)
log(Observed-bin area)=-0.36
bins
Number of reported cases
P(k | λ)
Number of cases

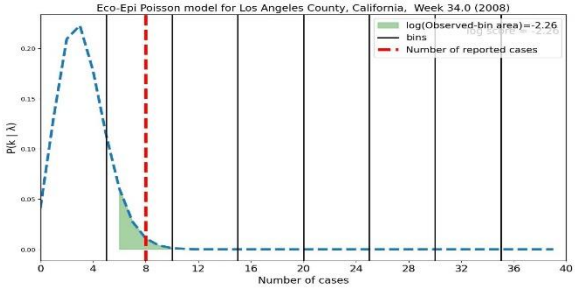
2008

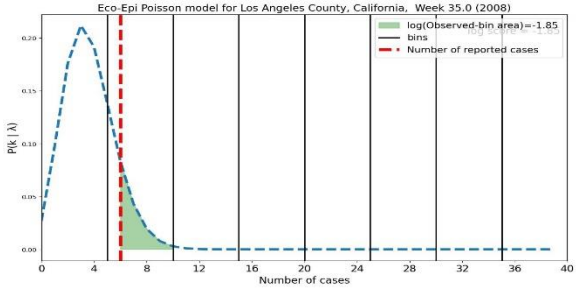

Eco-Epi Poisson model for Los Angeles County, California, Week 29.0 (2008)
log(Observed-bin area)=-0.33
bins
Number of reported cases
P(k | λ)
Number of cases

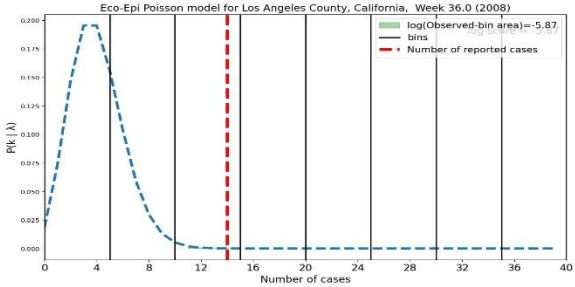

Eco-Epi Poisson model for Los Angeles County, California, Week 30.0 (2008)
log(Observed-bin area)=-5.17
bins
Number of reported cases
P(k | λ)
Number of cases

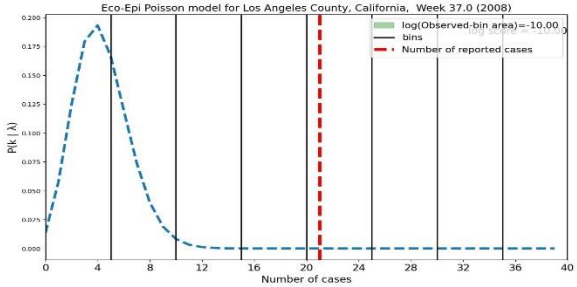

Eco-Epi Poisson model for Los Angeles County, California, Week 31.0 (2008)
log(Observed-bin area)=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

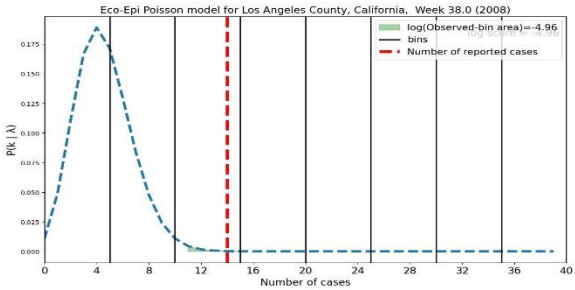

Eco-Epi Poisson model for Los Angeles County, California, Week 32.0 (2008)
log(Observed-bin area)=-3.45
bins
Number of reported cases
P(k | λ)
Number of cases

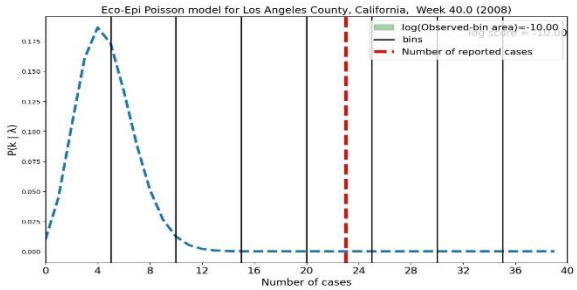

Eco-Epi Poisson model for Los Angeles County, California, Week 34.0 (2008)
log(Observed-bin area)=-2.26
bins
Number of reported cases
P(k | λ)
Number of cases

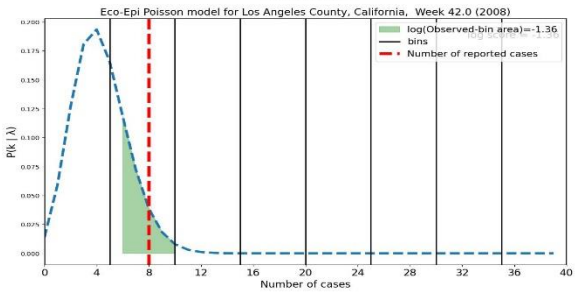

Eco-Epi Poisson model for Los Angeles County, California, Week 35.0 (2008)
log(Observed-bin area)=-1.85
bins
Number of reported cases
P(k | λ)
Number of cases

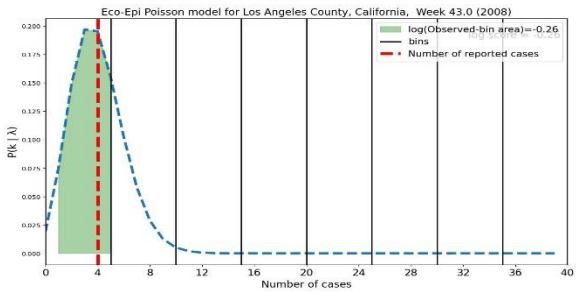

Eco-Epi Poisson model for Los Angeles County, California, Week 36.0 (2008)
log(Observed-bin area)=-5.87
bins
Number of reported cases
P(k | λ)
Number of cases

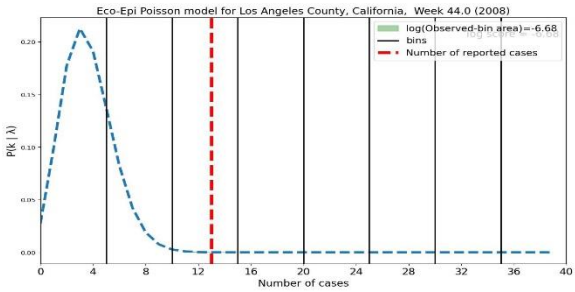

Eco-Epi Poisson model for Los Angeles County, California, Week 37.0 (2008)
log(Observed-bin area)=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

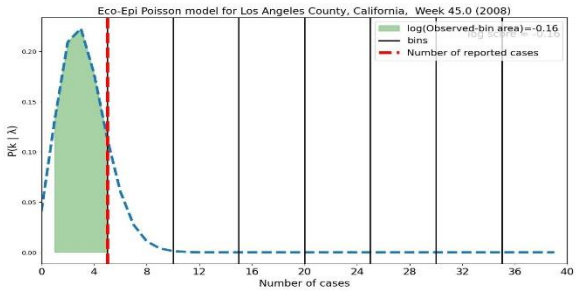

Eco-Epi Poisson model for Los Angeles County, California, Week 38.0 (2008)
log(Observed-bin area)=-4.96
bins
Number of reported cases
P(k | λ)
Number of cases

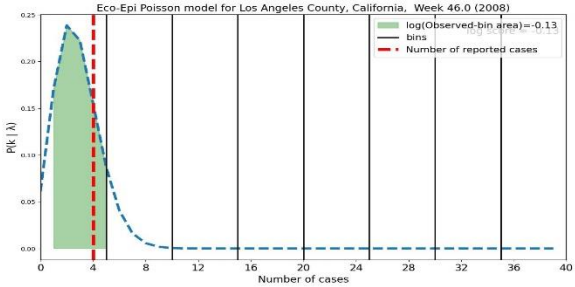

Eco-Epi Poisson model for Los Angeles County, California, Week 40.0 (2008)
log(Observed-bin area)=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

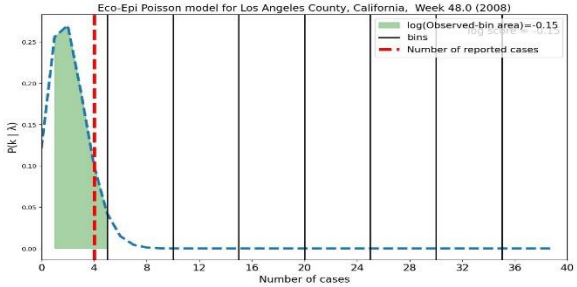

Eco-Epi Poisson model for Los Angeles County, California, Week 42.0 (2008)
log(Observed-bin area)=-1.36
bins
Number of reported cases
P(k | λ)
Number of cases

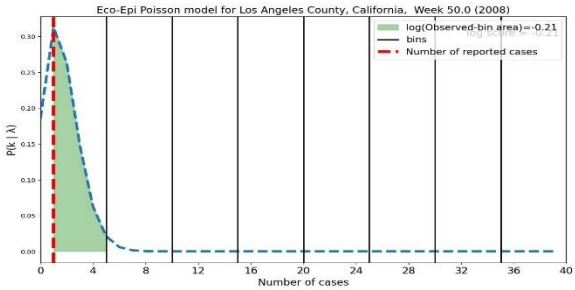

Eco-Epi Poisson model for Los Angeles County, California, Week 43.0 (2008)
log(Observed-bin area)=-0.26
bins
Number of reported cases
P(k | λ)
Number of cases

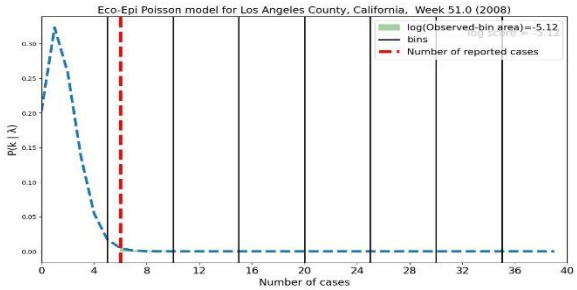

Eco-Epi Poisson model for Los Angeles County, California, Week 44.0 (2008)
log(Observed-bin area)=-6.68
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Los Angeles County, California, Week 45.0 (2008)
log(Observed-bin area)=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

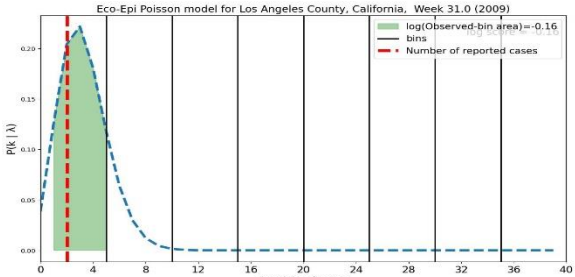

Eco-Epi Poisson model for Los Angeles County, California, Week 46.0 (2008)
log(Observed-bin area)=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

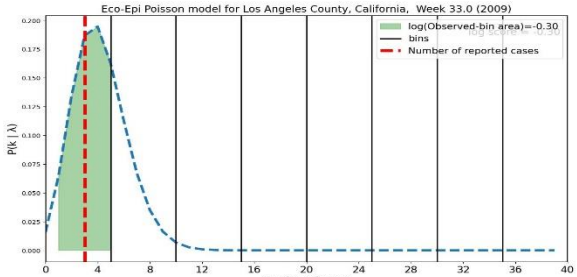

Eco-Epi Poisson model for Los Angeles County, California, Week 48.0 (2008)
log(Observed-bin area)=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

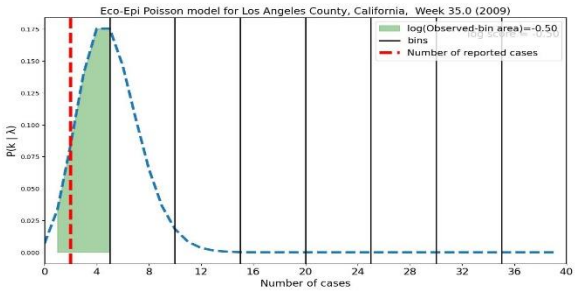

Eco-Epi Poisson model for Los Angeles County, California, Week 50.0 (2008)
log(Observed-bin area)=-0.21
bins
Number of reported cases
P(k | λ)
Number of cases

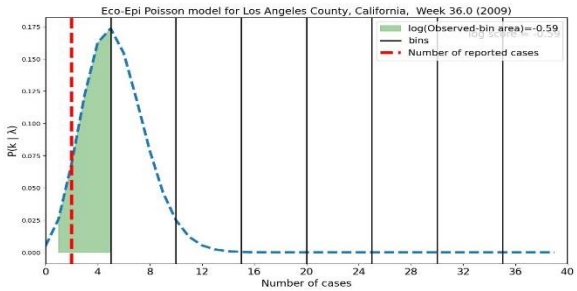

Eco-Epi Poisson model for Los Angeles County, California, Week 51.0 (2008)
log(Observed-bin area)=-5.12
bins
Number of reported cases
P(k | λ)
Number of cases

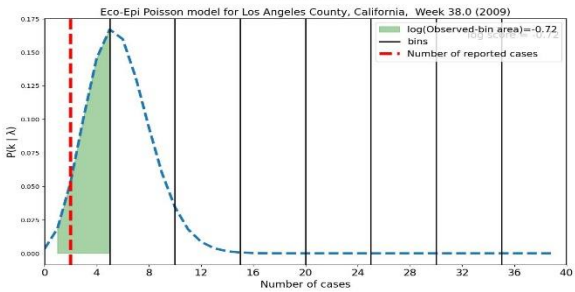
2009

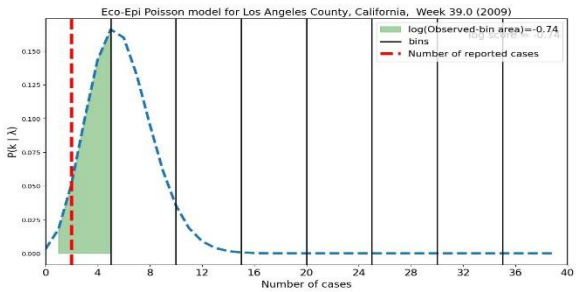

Eco-Epi Poisson model for Los Angeles County, California, Week 31.0 (2009)
log(Observed-bin area)=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

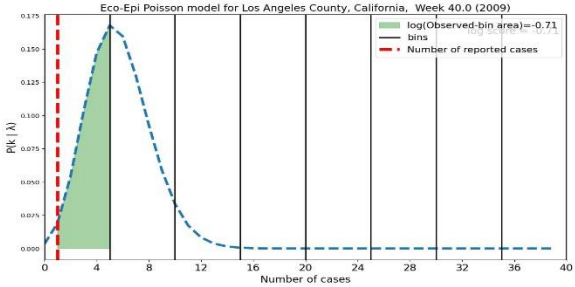

Eco-Epi Poisson model for Los Angeles County, California, Week 33.0 (2009)
log(Observed-bin area)=-0.30
bins
Number of reported cases
P(k | λ)
Number of cases

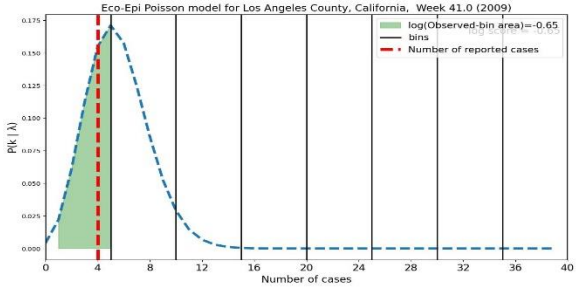

Eco-Epi Poisson model for Los Angeles County, California, Week 35.0 (2009)
log(Observed-bin area)=-0.50
bins
Number of reported cases
P(k | λ)
Number of cases

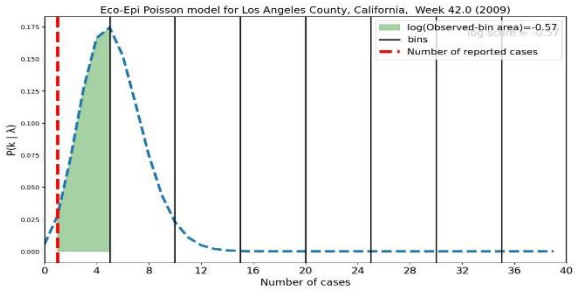

Eco-Epi Poisson model for Los Angeles County, California, Week 36.0 (2009)
log(Observed-bin area)=-0.59
bins
Number of reported cases
P(k | λ)
Number of cases

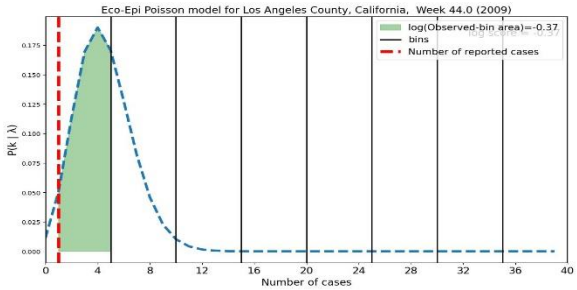

Eco-Epi Poisson model for Los Angeles County, California, Week 38.0 (2009)
log(Observed-bin area)=-0.72
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Los Angeles County, California, Week 39.0 (2009)
log(Observed-bin area)=-0.74
bins
Number of reported cases
P(k | λ)
Number of cases

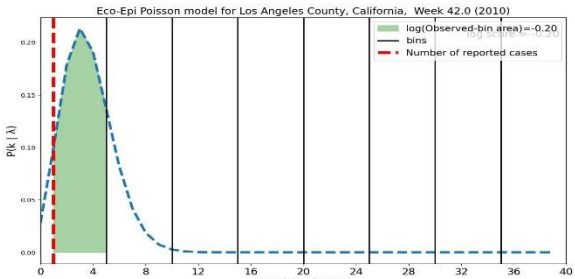

Eco-Epi Poisson model for Los Angeles County, California, Week 40.0 (2009)
log(Observed-bin area)=-0.71
bins
Number of reported cases
P(k | λ)
Number of cases

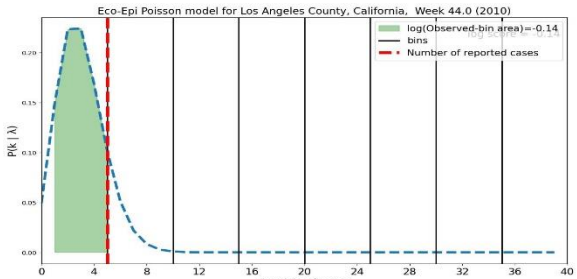

Eco-Epi Poisson model for Los Angeles County, California, Week 41.0 (2009)
log(Observed-bin area)=-0.65
bins
Number of reported cases
P(k | λ)
Number of cases

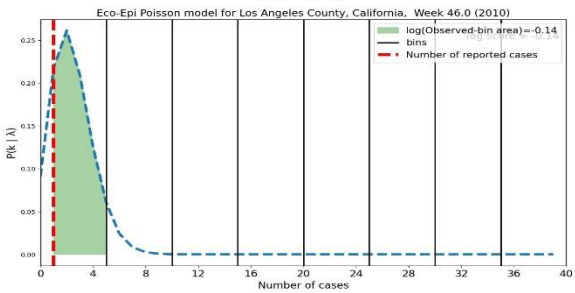

Eco-Epi Poisson model for Los Angeles County, California, Week 42.0 (2009)
log(Observed-bin area)=-0.57
bins
Number of reported cases
P(k | λ)
Number of cases

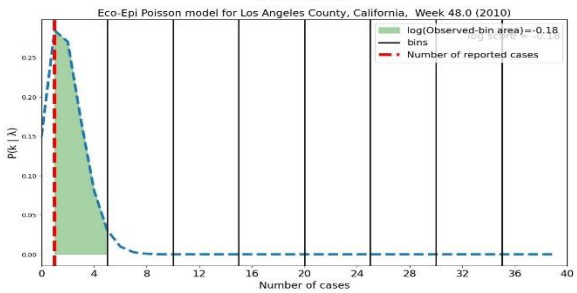

Eco-Epi Poisson model for Los Angeles County, California, Week 44.0 (2009)
log(Observed-bin area)=-0.37
bins
Number of reported cases
P(k | λ)
Number of cases

2010

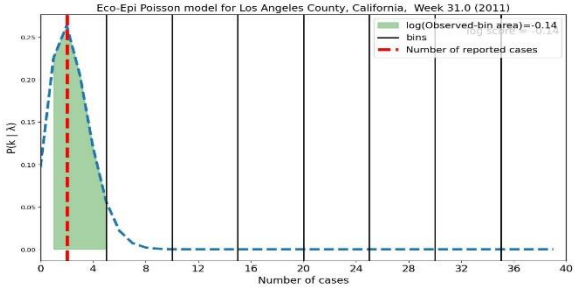

Eco-Epi Poisson model for Los Angeles County, California, Week 42.0 (2010)
log(Observed-bin area)=-0.20
bins
Number of reported cases
P(k | λ)
Number of cases

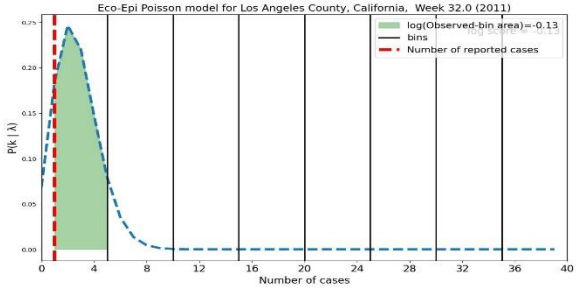

Eco-Epi Poisson model for Los Angeles County, California, Week 44.0 (2010)
log(Observed-bin area)=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

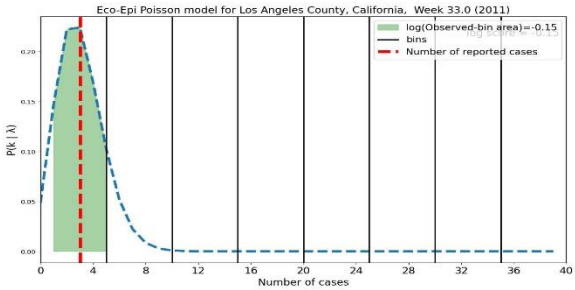

Eco-Epi Poisson model for Los Angeles County, California, Week 46.0 (2010)
log(Observed-bin area)=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

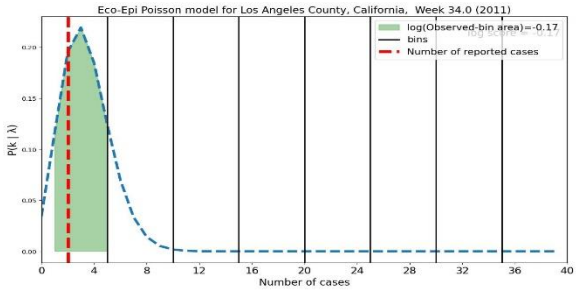

Eco-Epi Poisson model for Los Angeles County, California, Week 48.0 (2010)
log(Observed-bin area)=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases

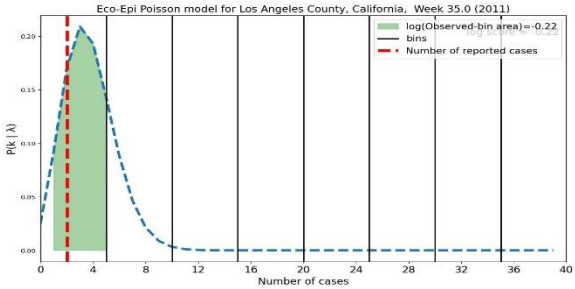
2011

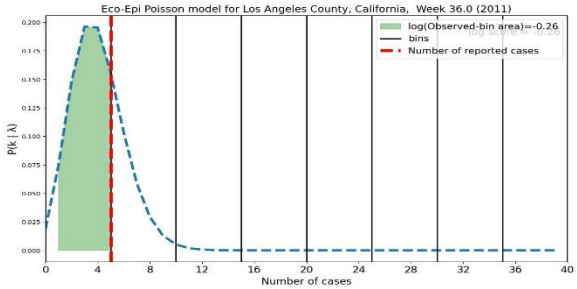

Eco-Epi Poisson model for Los Angeles County, California, Week 31.0 (2011)
log(Observed-bin area)=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

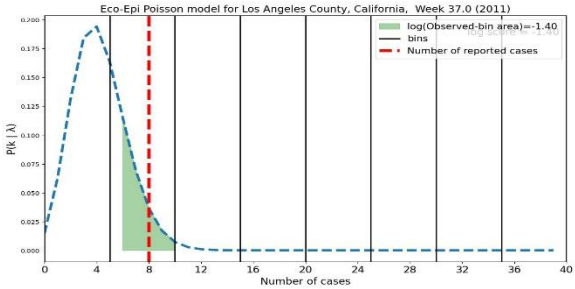

Eco-Epi Poisson model for Los Angeles County, California, Week 32.0 (2011)
log(Observed-bin area)=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

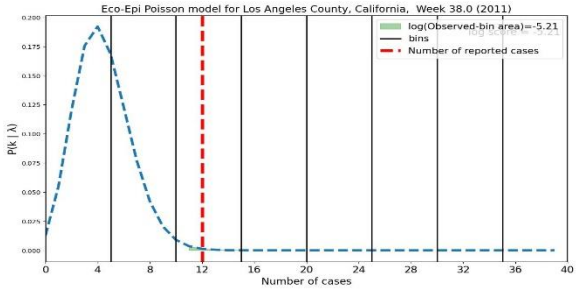

Eco-Epi Poisson model for Los Angeles County, California, Week 33.0 (2011)
log(Observed-bin area)=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

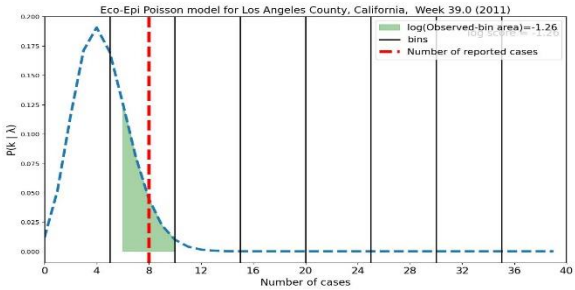

Eco-Epi Poisson model for Los Angeles County, California, Week 34.0 (2011)
log(Observed-bin area)=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

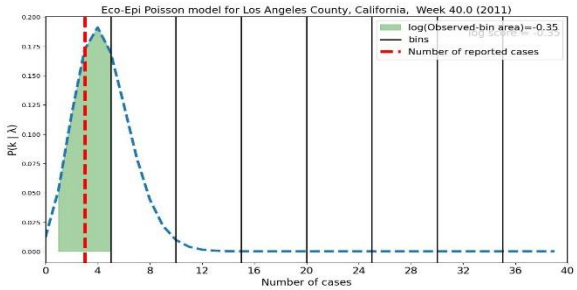

Eco-Epi Poisson model for Los Angeles County, California, Week 35.0 (2011)
log(Observed-bin area)=-0.22
bins
Number of reported cases
P(k | λ)
Number of cases

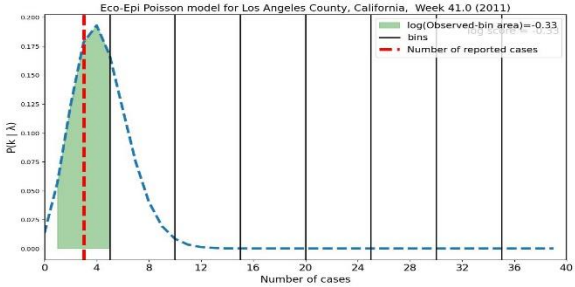

Eco-Epi Poisson model for Los Angeles County, California, Week 36.0 (2011)
log(Observed-bin area)=-0.26
bins
Number of reported cases
P(k | λ)
Number of cases

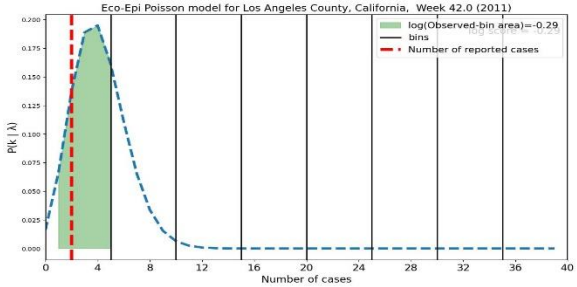

Eco-Epi Poisson model for Los Angeles County, California, Week 37.0 (2011)
log(Observed-bin area)=-1.40
bins
Number of reported cases
P(k | λ)
Number of cases

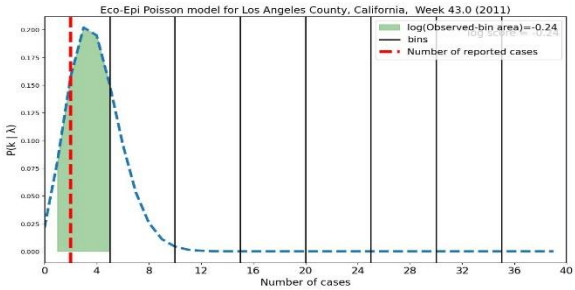

Eco-Epi Poisson model for Los Angeles County, California, Week 38.0 (2011)
log(Observed-bin area)=-5.21
bins
Number of reported cases
P(k | λ)
Number of cases

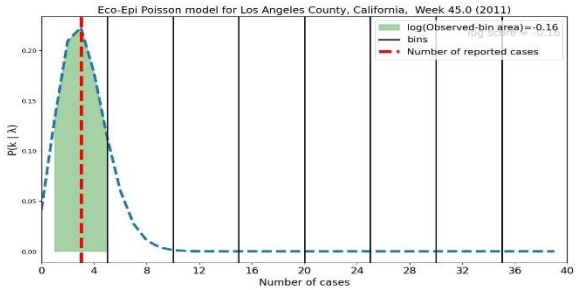

Eco-Epi Poisson model for Los Angeles County, California, Week 39.0 (2011)
log(Observed-bin area)=-1.26
bins
Number of reported cases
P(k | λ)
Number of cases

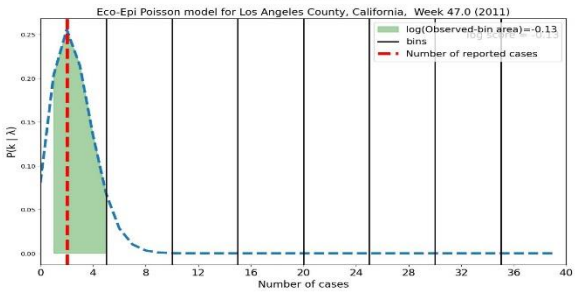

Eco-Epi Poisson model for Los Angeles County, California, Week 40.0 (2011)
log(Observed-bin area)=-0.35
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Los Angeles County, California, Week 41.0 (2011)
log(Observed-bin area)=-0.33
bins
Number of reported cases
P(k | λ)
Number of cases

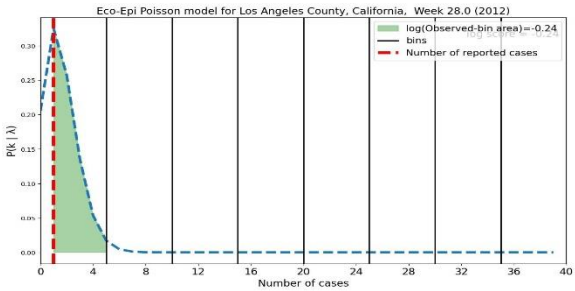

Eco-Epi Poisson model for Los Angeles County, California, Week 42.0 (2011)
log(Observed-bin area)=-0.29
bins
Number of reported cases
P(k | λ)
Number of cases

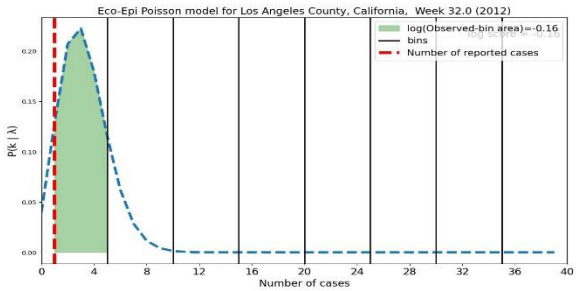

Eco-Epi Poisson model for Los Angeles County, California, Week 43.0 (2011)
log(Observed-bin area)=-0.24
bins
Number of reported cases
P(k | λ)
Number of cases

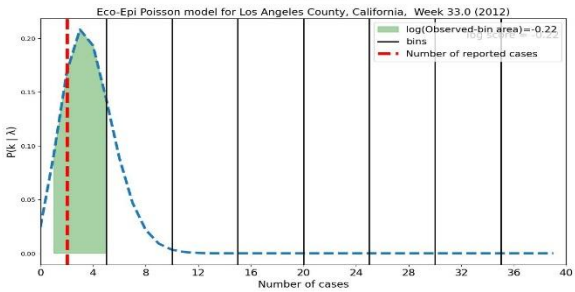

Eco-Epi Poisson model for Los Angeles County, California, Week 45.0 (2011)
log(Observed-bin area)=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

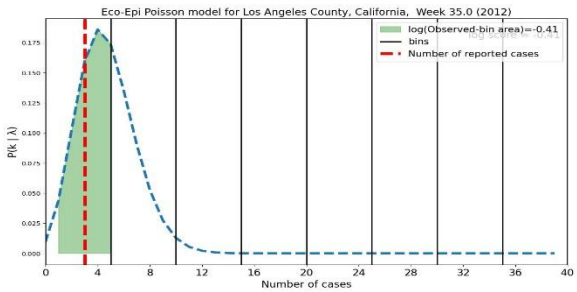

Eco-Epi Poisson model for Los Angeles County, California, Week 47.0 (2011)
log(Observed-bin area)=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

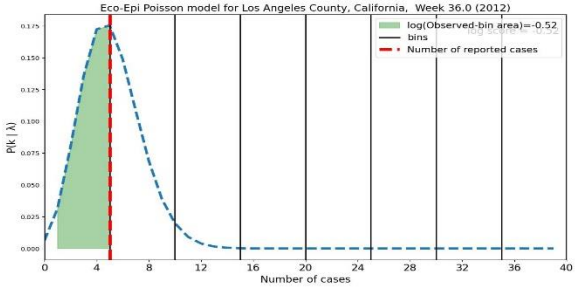
2012

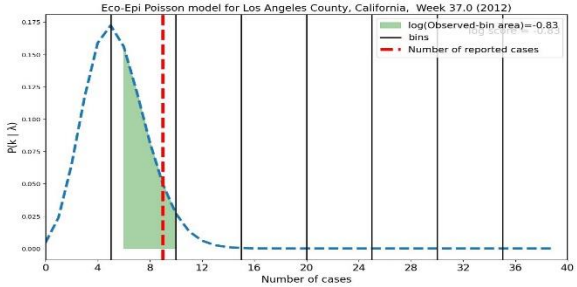

Eco-Epi Poisson model for Los Angeles County, California, Week 28.0 (2012)
log(Observed-bin area)=-0.24
bins
Number of reported cases
P(k | λ)
Number of cases

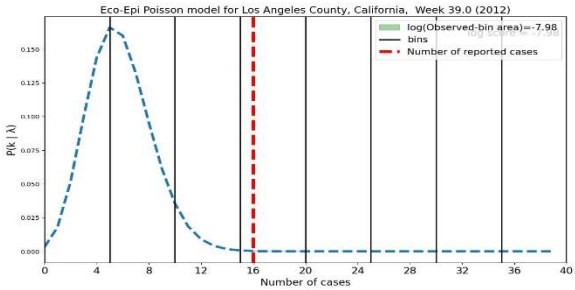

Eco-Epi Poisson model for Los Angeles County, California, Week 32.0 (2012)
log(Observed-bin area)=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

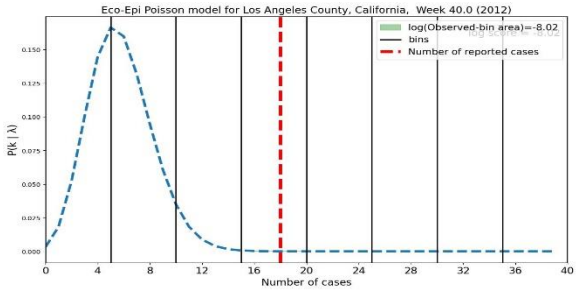

Eco-Epi Poisson model for Los Angeles County, California, Week 33.0 (2012)
log(Observed-bin area)=-0.22
bins
Number of reported cases
P(k | λ)
Number of cases

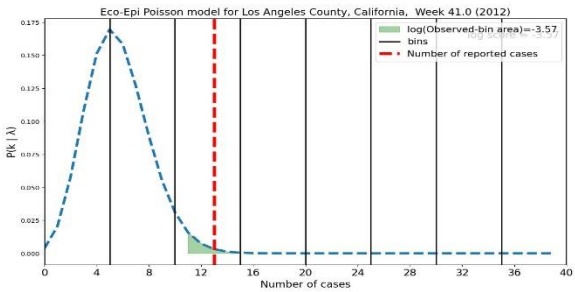

Eco-Epi Poisson model for Los Angeles County, California, Week 35.0 (2012)
log(Observed-bin area)=-0.41
bins
Number of reported cases
P(k | λ)
Number of cases

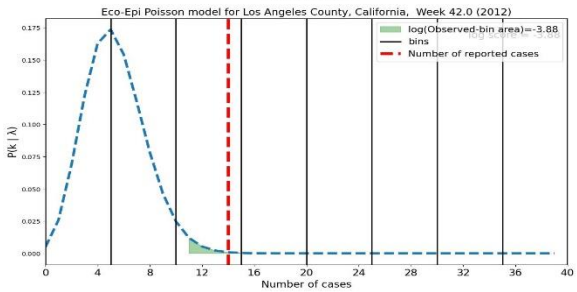

Eco-Epi Poisson model for Los Angeles County, California, Week 36.0 (2012)
log(Observed-bin area)=-0.52
bins
Number of reported cases
P(k | λ)
Number of cases

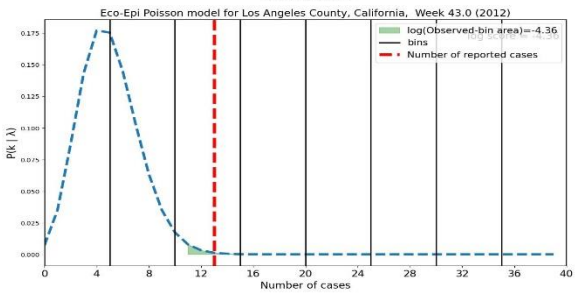

Eco-Epi Poisson model for Los Angeles County, California, Week 37.0 (2012)
log(Observed-bin area)=-0.83
bins
Number of reported cases
P(k | λ)
Number of cases

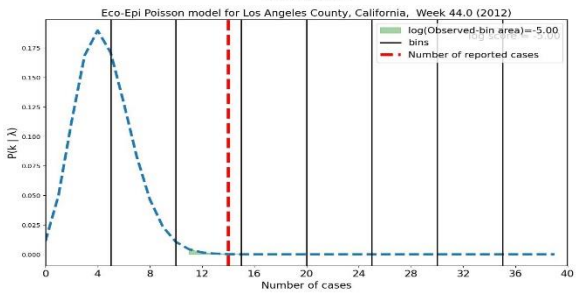

Eco-Epi Poisson model for Los Angeles County, California, Week 39.0 (2012)
log(Observed-bin area)=-7.98
bins
Number of reported cases
P(k | λ)
Number of cases

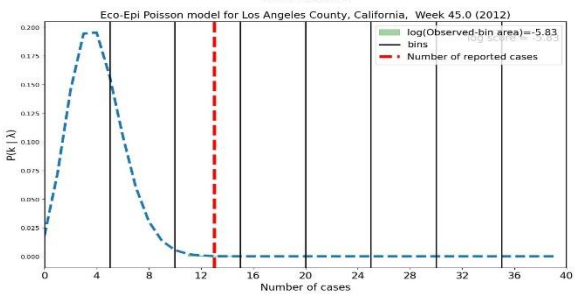

Eco-Epi Poisson model for Los Angeles County, California, Week 40.0 (2012)
log(Observed-bin area)=-8.02
bins
Number of reported cases
P(k | λ)
Number of cases

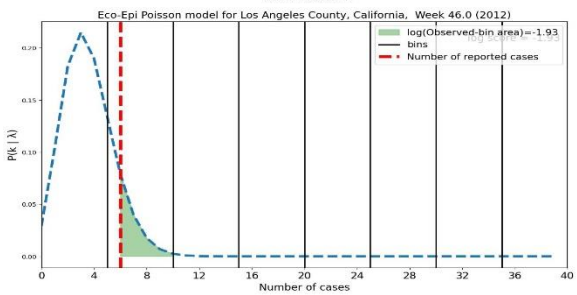

Eco-Epi Poisson model for Los Angeles County, California, Week 41.0 (2012)
log(Observed-bin area)=-3.57
bins
Number of reported cases
P(k | λ)
Number of cases

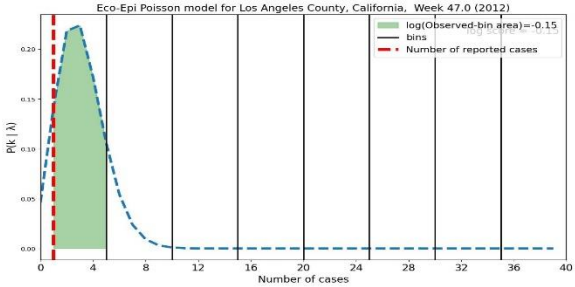

Eco-Epi Poisson model for Los Angeles County, California, Week 42.0 (2012)
log(Observed-bin area)=-3.88
bins
Number of reported cases
P(k | λ)
Number of cases

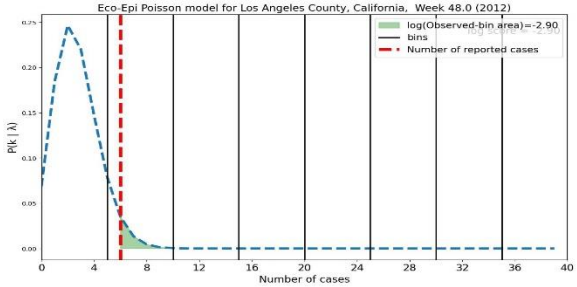

Eco-Epi Poisson model for Los Angeles County, California, Week 43.0 (2012)
log(Observed-bin area)=-4.36
bins
Number of reported cases
P(k | λ)
Number of cases

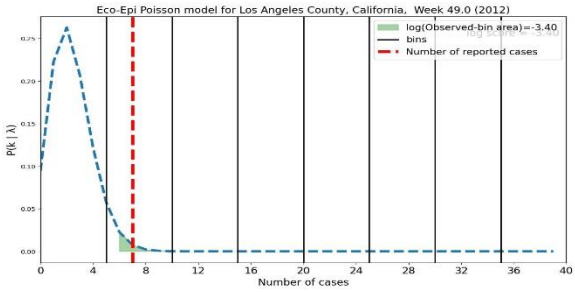

Eco-Epi Poisson model for Los Angeles County, California, Week 44.0 (2012)
log(Observed-bin area)=-5.00
bins
Number of reported cases
P(k | λ)
Number of cases

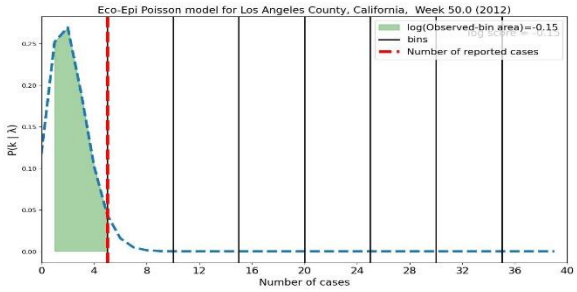

Eco-Epi Poisson model for Los Angeles County, California, Week 45.0 (2012)
log(Observed-bin area)=-5.83
bins
Number of reported cases
P(k | λ)
Number of cases

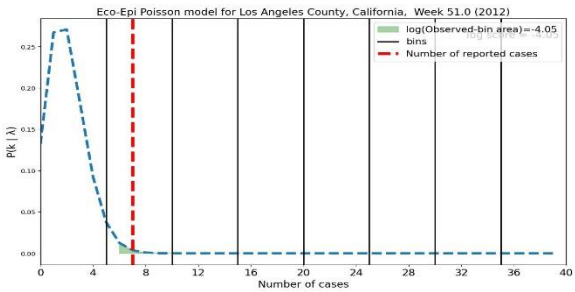

Eco-Epi Poisson model for Los Angeles County, California, Week 46.0 (2012)
log(Observed-bin area)=-1.93
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Los Angeles County, California, Week 47.0 (2012)
log(Observed-bin area)=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

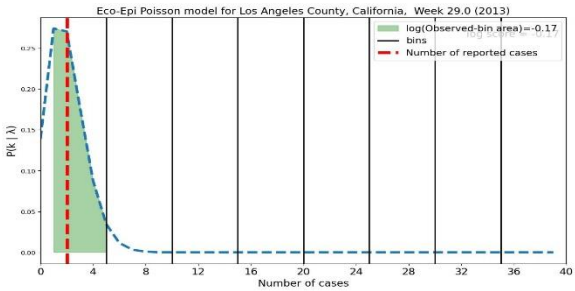

Eco-Epi Poisson model for Los Angeles County, California, Week 48.0 (2012)
log(Observed-bin area)=-2.90
bins
Number of reported cases
P(k | λ)
Number of cases

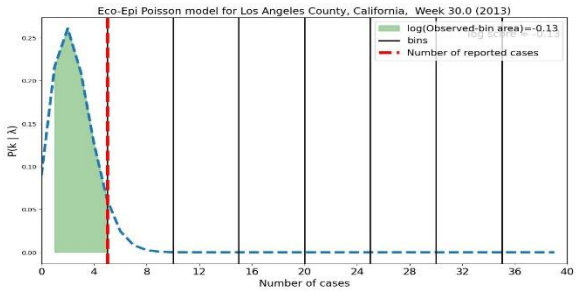

Eco-Epi Poisson model for Los Angeles County, California, Week 49.0 (2012)
log(Observed-bin area)=-3.40
bins
Number of reported cases
P(k | λ)
Number of cases

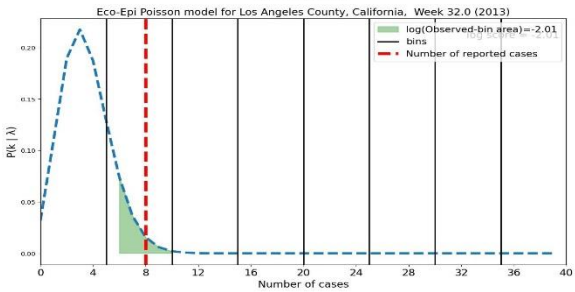

Eco-Epi Poisson model for Los Angeles County, California, Week 50.0 (2012)
log(Observed-bin area)=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

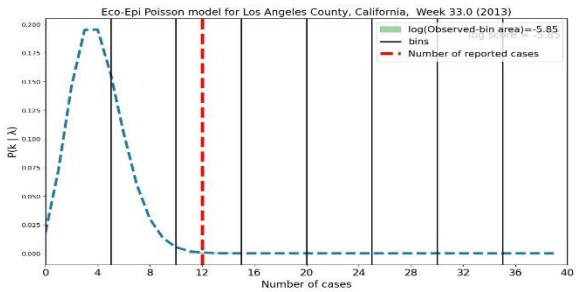

Eco-Epi Poisson model for Los Angeles County, California, Week 51.0 (2012)
log(Observed-bin area)=-4.05
bins
Number of reported cases
P(k | λ)
Number of cases

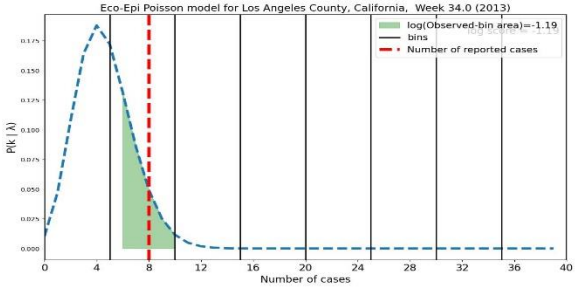
2013

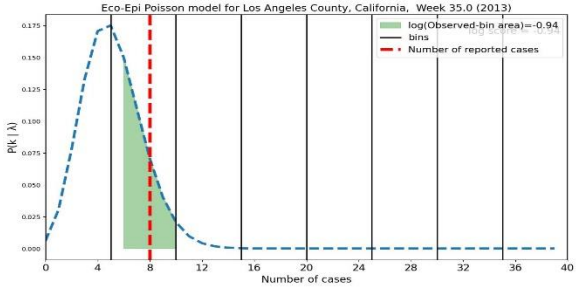

Eco-Epi Poisson model for Los Angeles County, California, Week 29.0 (2013)
log(Observed-bin area)=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

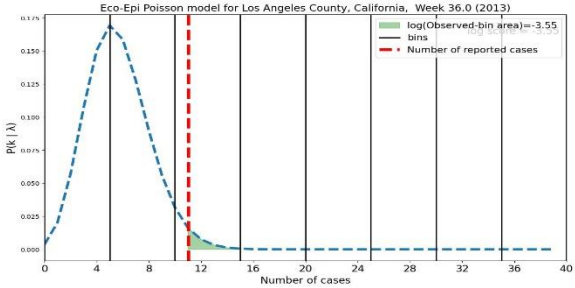

Eco-Epi Poisson model for Los Angeles County, California, Week 30.0 (2013)
log(Observed-bin area)=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

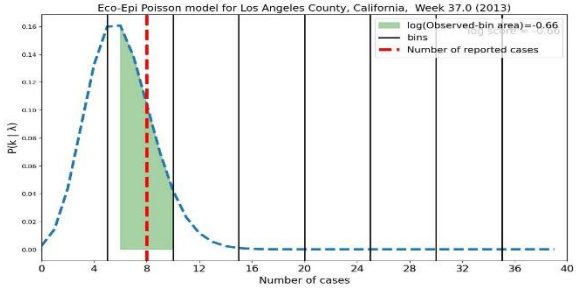

Eco-Epi Poisson model for Los Angeles County, California, Week 32.0 (2013)
log(Observed-bin area)=-2.01
bins
Number of reported cases
P(k | λ)
Number of cases

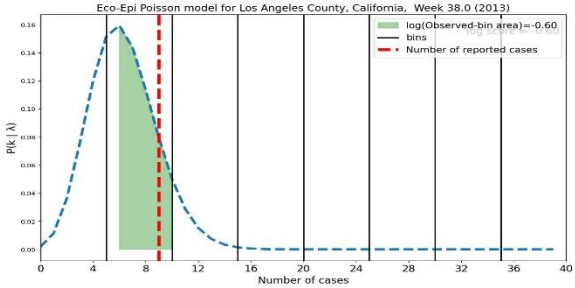

Eco-Epi Poisson model for Los Angeles County, California, Week 33.0 (2013)
log(Observed-bin area)=-5.85
bins
Number of reported cases
P(k | λ)
Number of cases

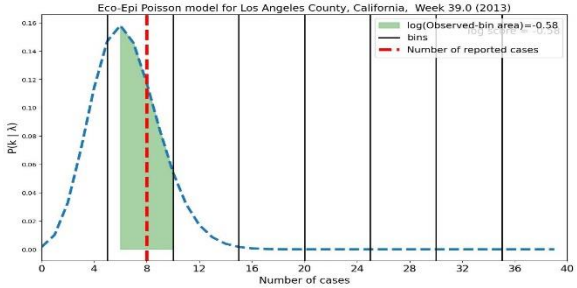

Eco-Epi Poisson model for Los Angeles County, California, Week 34.0 (2013)
log(Observed-bin area)=-1.19
bins
Number of reported cases
P(k | λ)
Number of cases

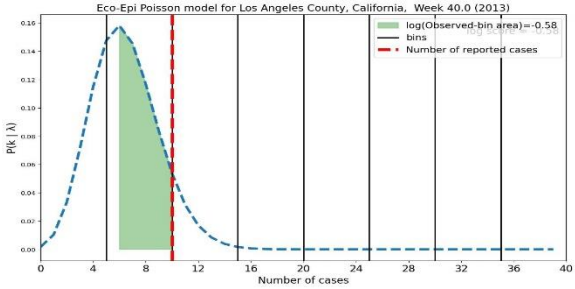

Eco-Epi Poisson model for Los Angeles County, California, Week 35.0 (2013)
log(Observed-bin area)=-0.94
bins
Number of reported cases
P(k | λ)
Number of cases

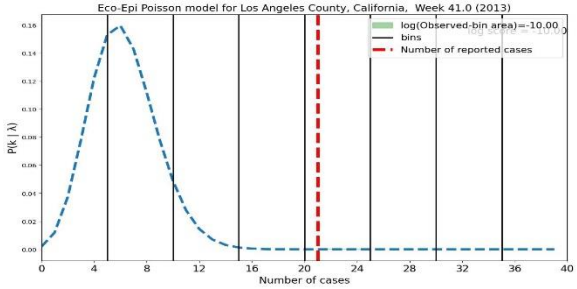

Eco-Epi Poisson model for Los Angeles County, California, Week 36.0 (2013)
log(Observed-bin area)=-3.55
bins
Number of reported cases
P(k | λ)
Number of cases

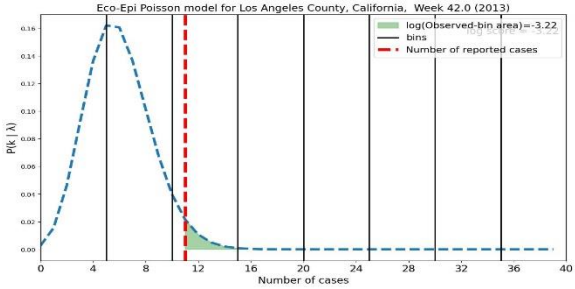

Eco-Epi Poisson model for Los Angeles County, California, Week 37.0 (2013)
log(Observed-bin area)=-0.66
bins
Number of reported cases
P(k | λ)
Number of cases

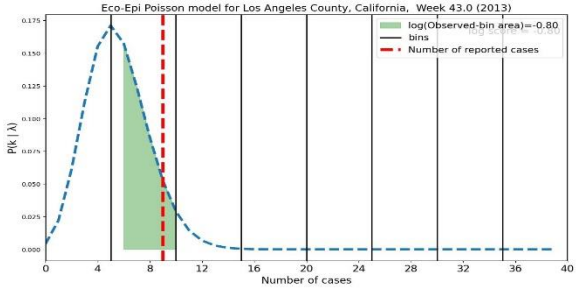

Eco-Epi Poisson model for Los Angeles County, California, Week 38.0 (2013)
log(Observed-bin area)=-0.60
bins
Number of reported cases
P(k | λ)
Number of cases

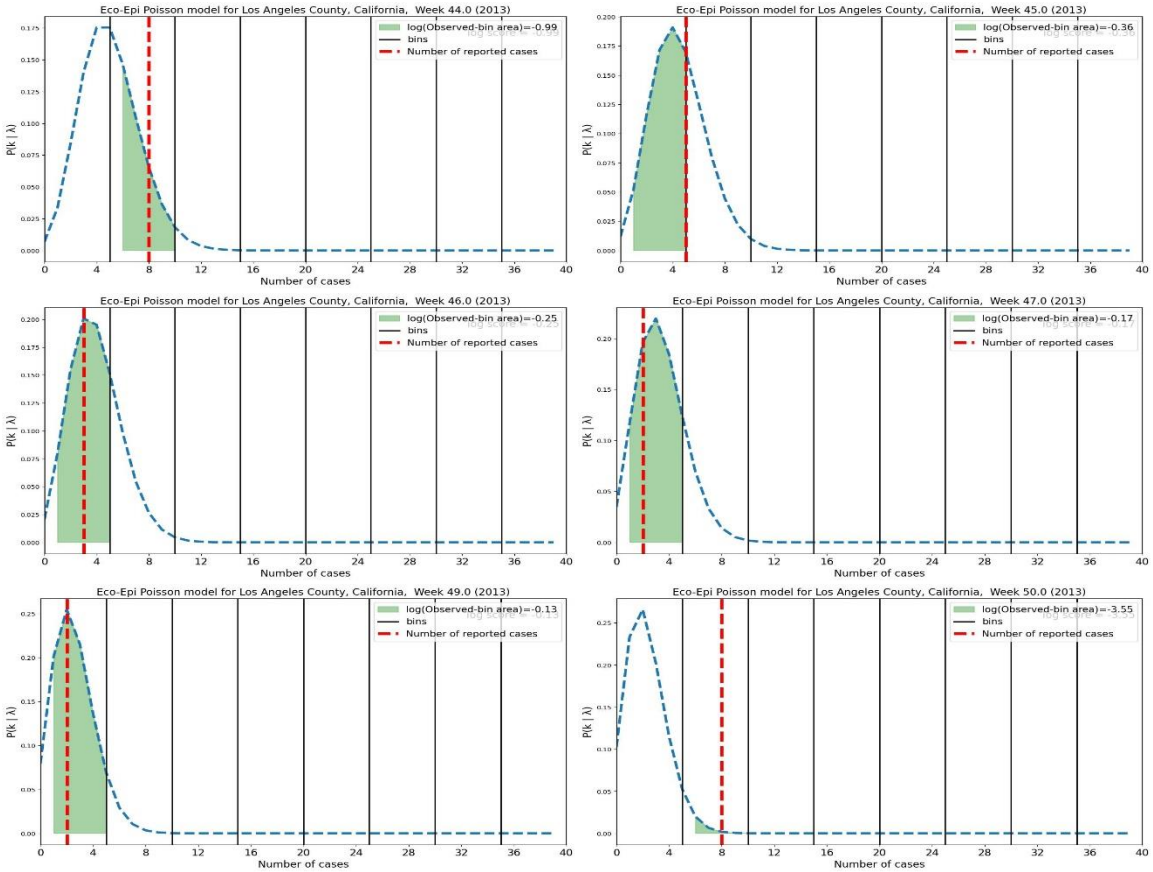

Eco-Epi Poisson model for Los Angeles County, California, Week 39.0 (2013)
log(Observed-bin area)=-0.58
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Los Angeles County, California, Week 40.0 (2013)
log(Observed-bin area)=-0.58
bins
Number of reported cases
P(k | λ)
Number of cases

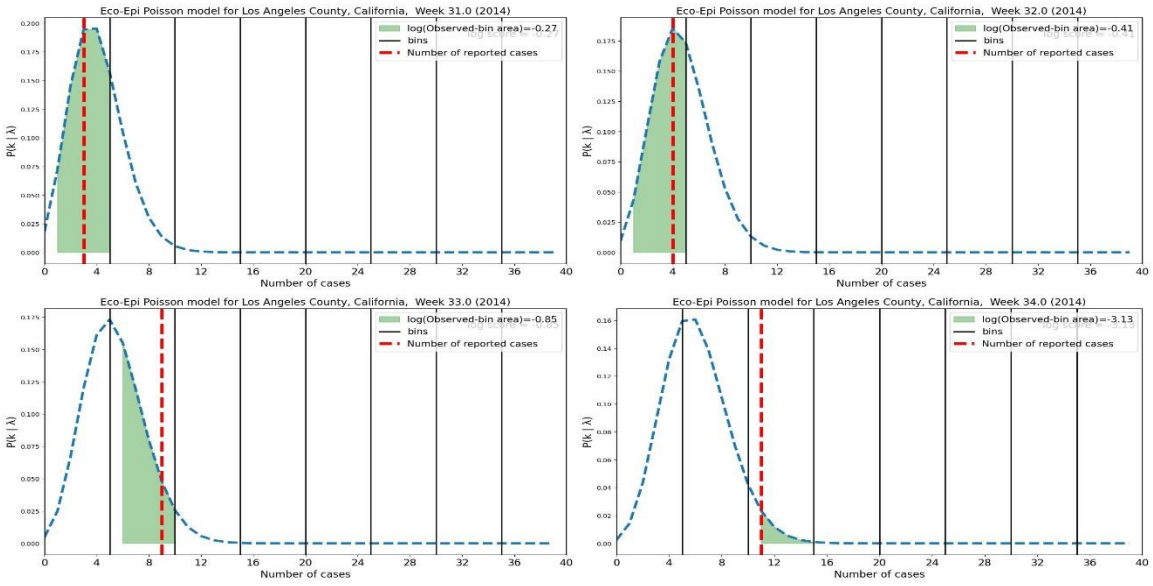

Eco-Epi Poisson model for Los Angeles County, California, Week 41.0 (2013)
log(Observed-bin area)=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

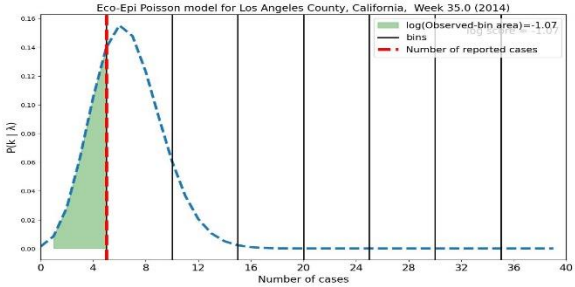

Eco-Epi Poisson model for Los Angeles County, California, Week 42.0 (2013)
log(Observed-bin area)=-3.22
bins
Number of reported cases
P(k | λ)
Number of cases

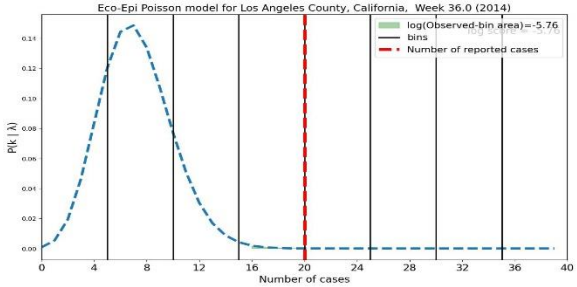

Eco-Epi Poisson model for Los Angeles County, California, Week 43.0 (2013)
log(Observed-bin area)=-0.80
bins
Number of reported cases
P(k | λ)
Number of cases

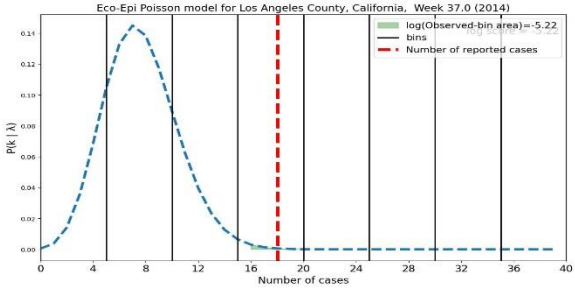

Eco-Epi Poisson model for Los Angeles County, California, Week 44.0 (2013)
log(Observed-bin area)=-0.99
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Los Angeles County, California, Week 45.0 (2013)
log(Observed-bin area)=-0.36
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Los Angeles County, California, Week 46.0 (2013)
log(Observed-bin area)=-0.25
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Los Angeles County, California, Week 47.0 (2013)
log(Observed-bin area)=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Los Angeles County, California, Week 49.0 (2013)
log(Observed-bin area)=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Los Angeles County, California, Week 50.0 (2013)
log(Observed-bin area)=-3.55
bins
Number of reported cases
P(k | λ)
Number of cases

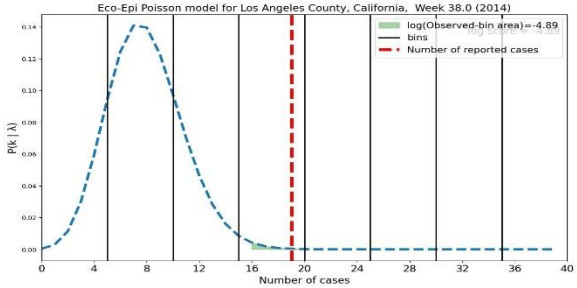
2014

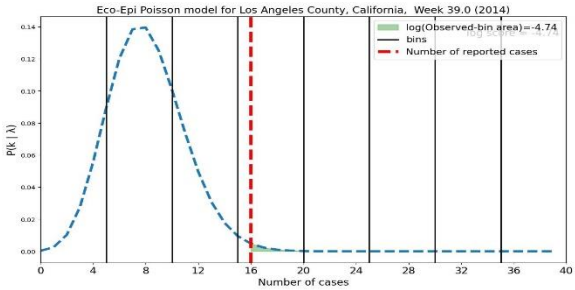

Eco-Epi Poisson model for Los Angeles County, California, Week 31.0 (2014)
log(Observed-bin area)=-0.27
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Los Angeles County, California, Week 32.0 (2014)
log(Observed-bin area)=-0.41
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Los Angeles County, California, Week 33.0 (2014)
log(Observed-bin area)=-0.85
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Los Angeles County, California, Week 34.0 (2014)
log(Observed-bin area)=-3.13
bins
Number of reported cases
P(k | λ)
Number of cases

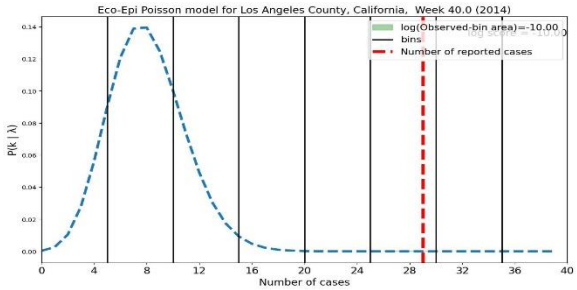

Eco-Epi Poisson model for Los Angeles County, California, Week 35.0 (2014)
log(Observed-bin area)=-1.07
bins
Number of reported cases
P(k | λ)
Number of cases

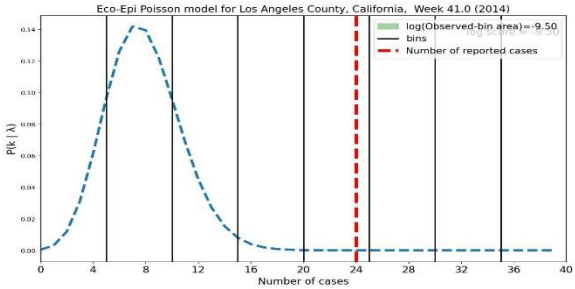

Eco-Epi Poisson model for Los Angeles County, California, Week 36.0 (2014)
log(Observed-bin area)=-5.76
bins
Number of reported cases
P(k | λ)
Number of cases

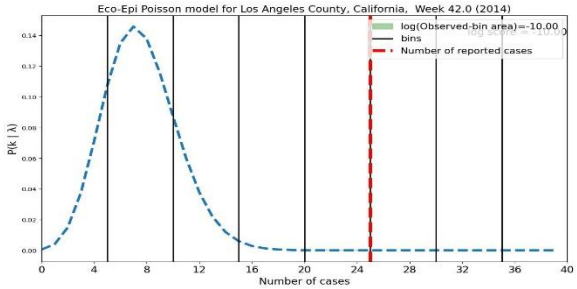

Eco-Epi Poisson model for Los Angeles County, California, Week 37.0 (2014)
log(Observed-bin area)=-5.22
bins
Number of reported cases
P(k | λ)
Number of cases

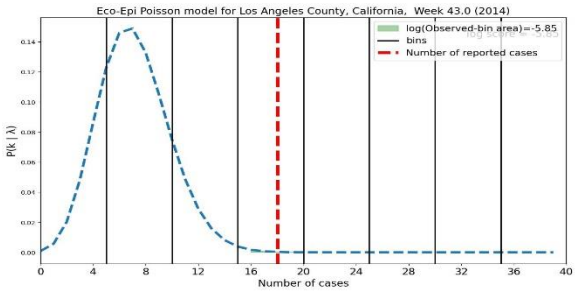

Eco-Epi Poisson model for Los Angeles County, California, Week 38.0 (2014)
log(Observed-bin area)=-4.89
bins
Number of reported cases
P(k | λ)
Number of cases

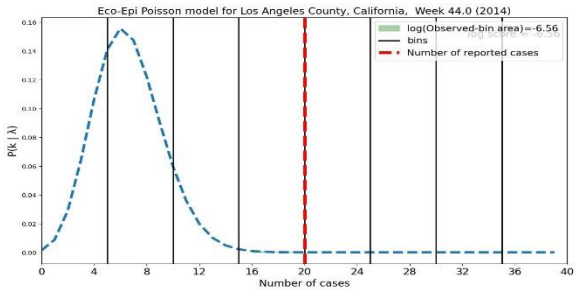

Eco-Epi Poisson model for Los Angeles County, California, Week 39.0 (2014)
log(Observed-bin area)=-4.74
bins
Number of reported cases
P(k | λ)
Number of cases

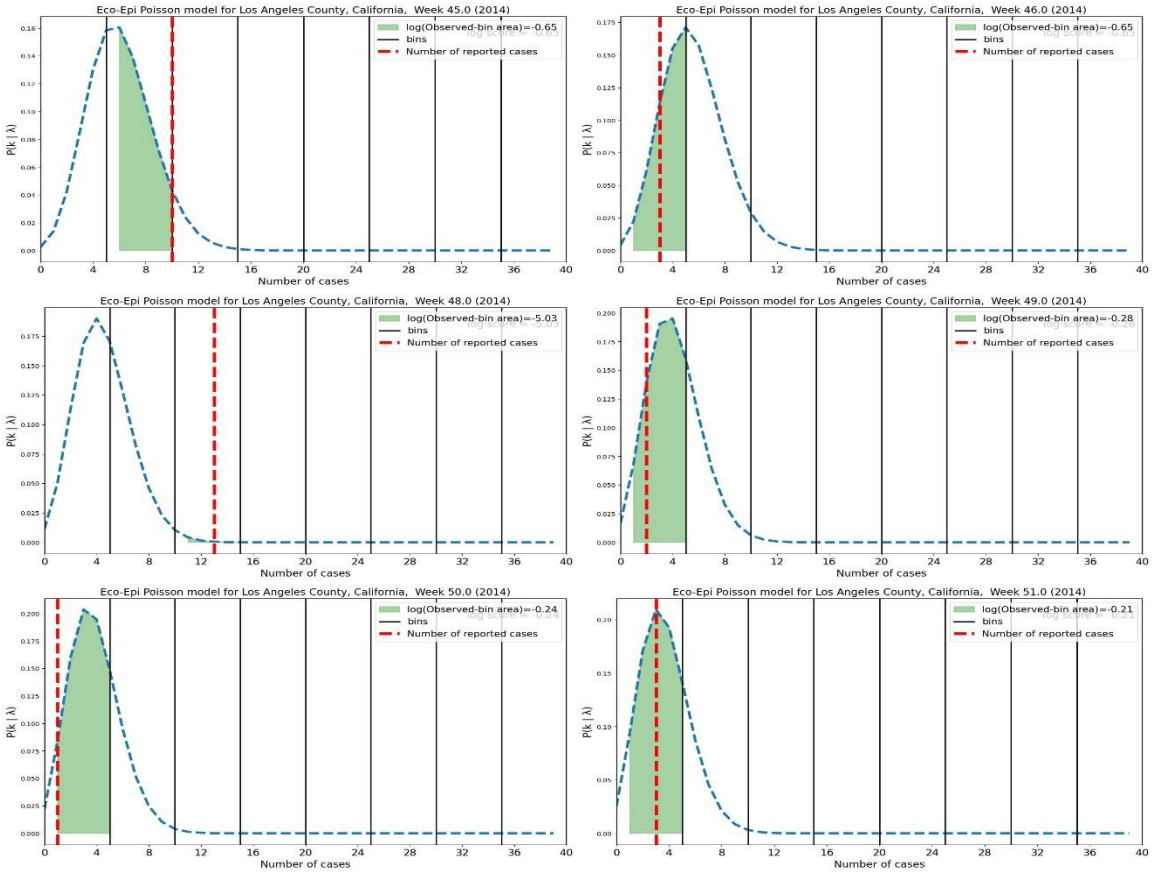

Eco-Epi Poisson model for Los Angeles County, California, Week 40.0 (2014)
log(Observed-bin area)=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Los Angeles County, California, Week 41.0 (2014)
log(Observed-bin area)=-9.50
bins
Number of reported cases
P(k | λ)
Number of cases

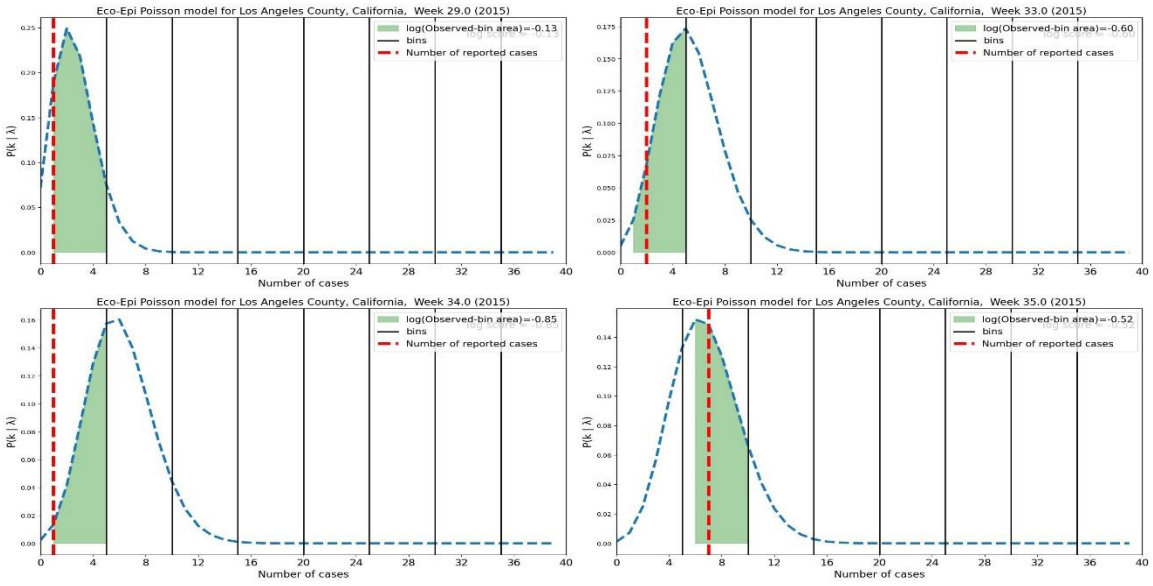

Eco-Epi Poisson model for Los Angeles County, California, Week 42.0 (2014)
log(Observed-bin area)=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

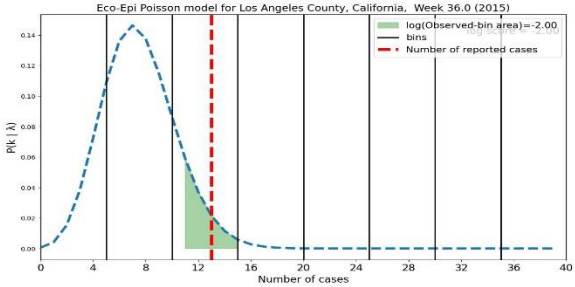

Eco-Epi Poisson model for Los Angeles County, California, Week 43.0 (2014)
log(Observed-bin area)=-5.85
bins
Number of reported cases
P(k | λ)
Number of cases

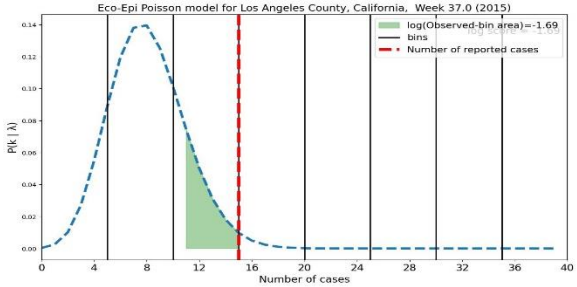

Eco-Epi Poisson model for Los Angeles County, California, Week 44.0 (2014)
log(Observed-bin area)=-6.56
bins
Number of reported cases
P(k | λ)
Number of cases

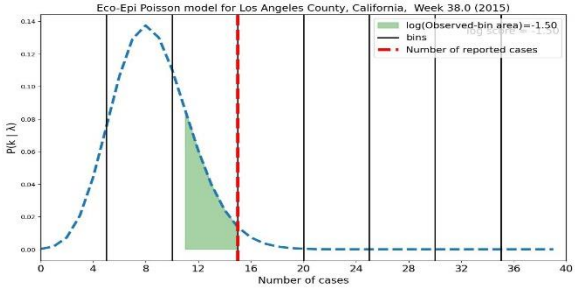

Eco-Epi Poisson model for Los Angeles County, California, Week 45.0 (2014)
log(Observed-bin area)=-0.65
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Los Angeles County, California, Week 46.0 (2014)
log(Observed-bin area)=-0.65
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Los Angeles County, California, Week 48.0 (2014)
log(Observed-bin area)=-5.03
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Los Angeles County, California, Week 49.0 (2014)
log(Observed-bin area)=-0.28
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Los Angeles County, California, Week 50.0 (2014)
log(Observed-bin area)=-0.24
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Los Angeles County, California, Week 51.0 (2014)
log(Observed-bin area)=-0.21
bins
Number of reported cases
P(k | λ)
Number of cases

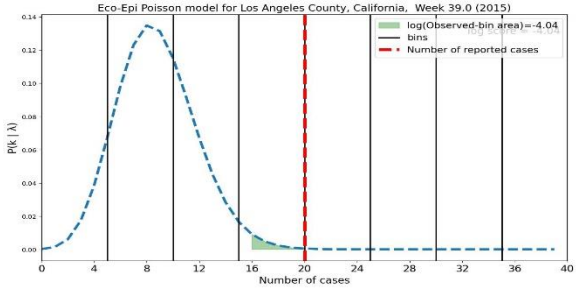
2015

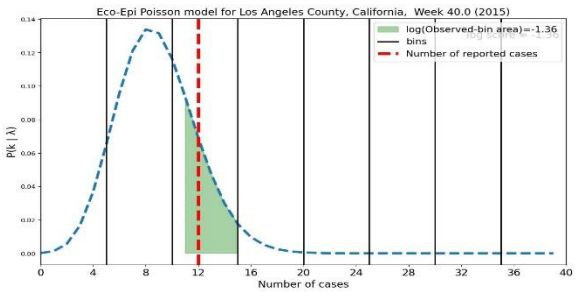

Eco-Epi Poisson model for Los Angeles County, California, Week 29.0 (2015)
log(Observed-bin area)=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Los Angeles County, California, Week 33.0 (2015)
log(Observed-bin area)=-0.60
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Los Angeles County, California, Week 34.0 (2015)
log(Observed-bin area)=-0.85
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Los Angeles County, California, Week 35.0 (2015)
log(Observed-bin area)=-0.52
bins
Number of reported cases
P(k | λ)
Number of cases

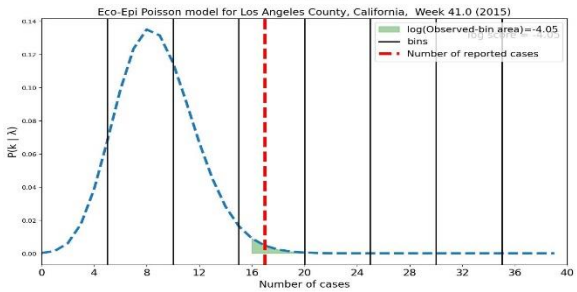

Eco-Epi Poisson model for Los Angeles County, California, Week 36.0 (2015)
log(Observed-bin area)=-2.00
bins
Number of reported cases
P(k | λ)
Number of cases

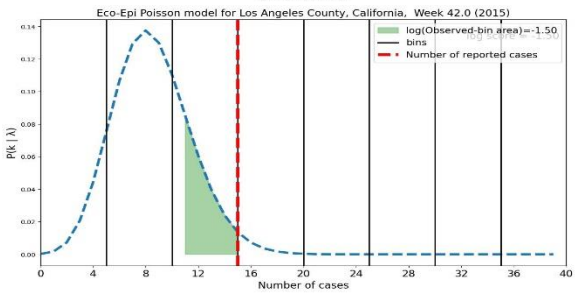

Eco-Epi Poisson model for Los Angeles County, California, Week 37.0 (2015)
log(Observed-bin area)=-1.69
bins
Number of reported cases
P(k | λ)
Number of cases

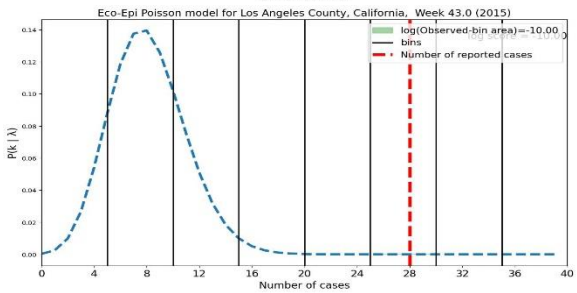

Eco-Epi Poisson model for Los Angeles County, California, Week 38.0 (2015)
log(Observed-bin area)=-1.50
bins
Number of reported cases
P(k | λ)
Number of cases

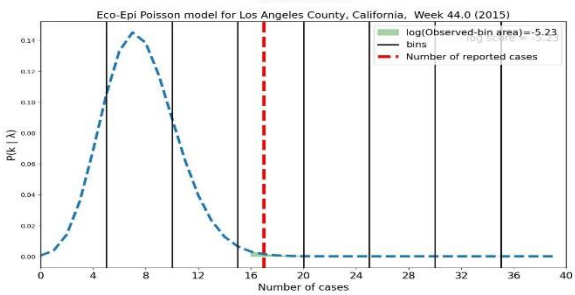

Eco-Epi Poisson model for Los Angeles County, California, Week 39.0 (2015)
log(Observed-bin area)=-4.04
bins
Number of reported cases
P(k | λ)
Number of cases

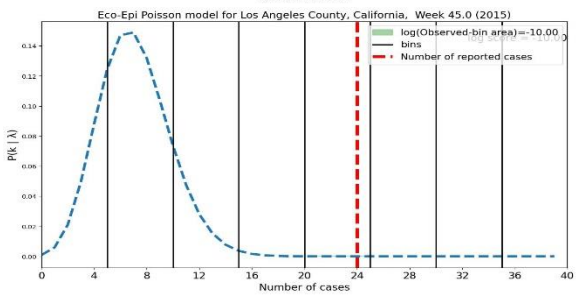

Eco-Epi Poisson model for Los Angeles County, California, Week 40.0 (2015)
log(Observed-bin area)=-1.36
bins
Number of reported cases
P(k | λ)
Number of cases

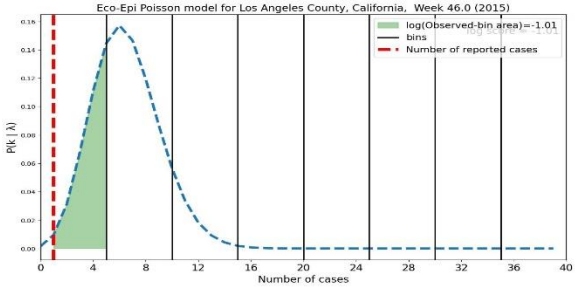

Eco-Epi Poisson model for Los Angeles County, California, Week 41.0 (2015)
log(Observed-bin area)=-4.05
bins
Number of reported cases
P(k | λ)
Number of cases

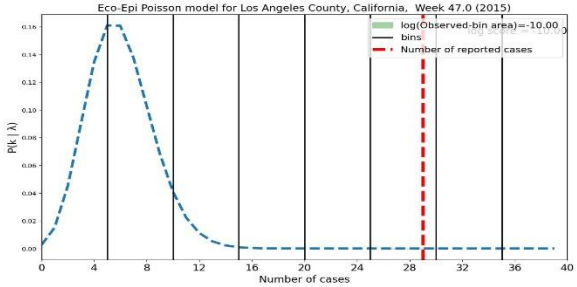

Eco-Epi Poisson model for Los Angeles County, California, Week 42.0 (2015)
log(Observed-bin area)=-1.50
bins
Number of reported cases
P(k | λ)
Number of cases

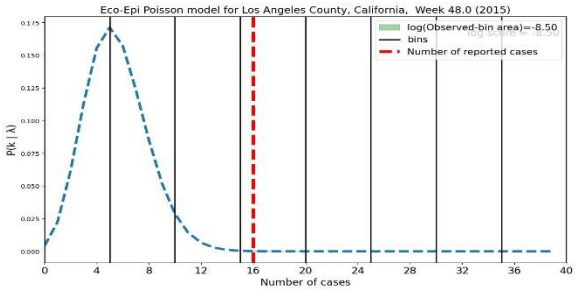

Eco-Epi Poisson model for Los Angeles County, California, Week 43.0 (2015)
log(Observed-bin area)=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

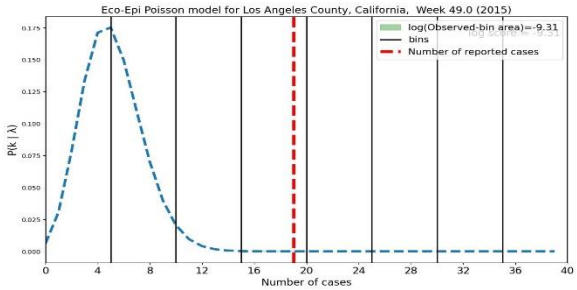

Eco-Epi Poisson model for Los Angeles County, California, Week 44.0 (2015)
log(Observed-bin area)=-5.23
bins
Number of reported cases
P(k | λ)
Number of cases

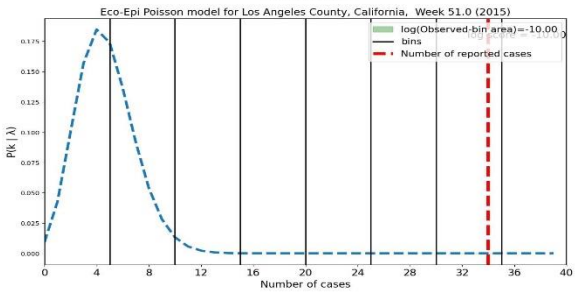

Eco-Epi Poisson model for Los Angeles County, California, Week 45.0 (2015)
log(Observed-bin area)=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Los Angeles County, California, Week 46.0 (2015)
log(Observed-bin area)=-1.01
bins
Number of reported cases
P(k | λ)
Number of cases

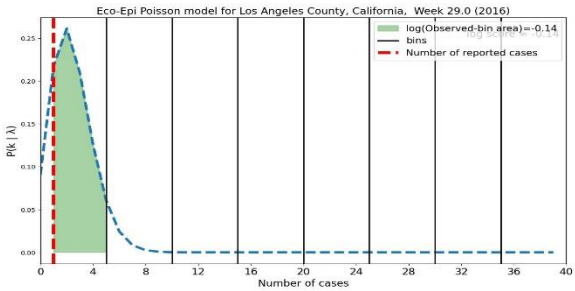

Eco-Epi Poisson model for Los Angeles County, California, Week 47.0 (2015)
log(Observed-bin area)=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

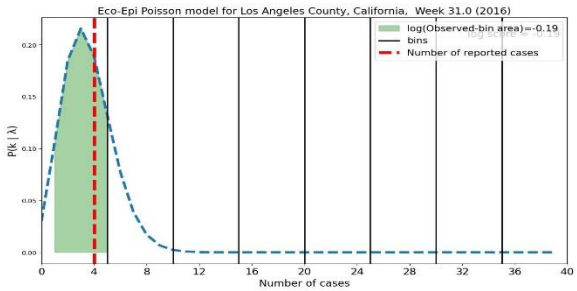

Eco-Epi Poisson model for Los Angeles County, California, Week 48.0 (2015)
log(Observed-bin area)=-8.50
bins
Number of reported cases
P(k | λ)
Number of cases

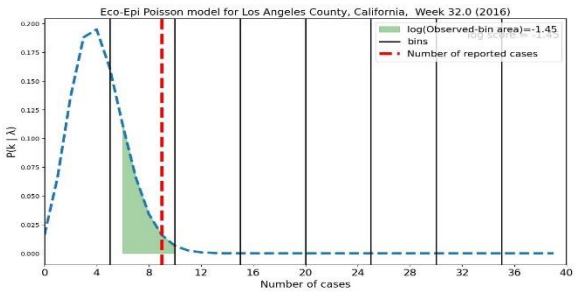

Eco-Epi Poisson model for Los Angeles County, California, Week 49.0 (2015)
log(Observed-bin area)=-9.31
bins
Number of reported cases
P(k | λ)
Number of cases

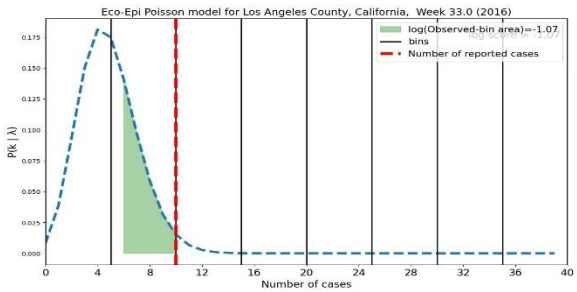

Eco-Epi Poisson model for Los Angeles County, California, Week 51.0 (2015)
log(Observed-bin area)=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

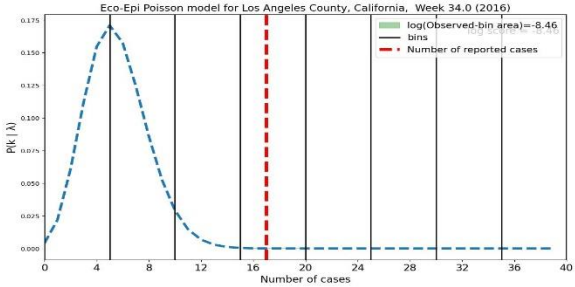
2016

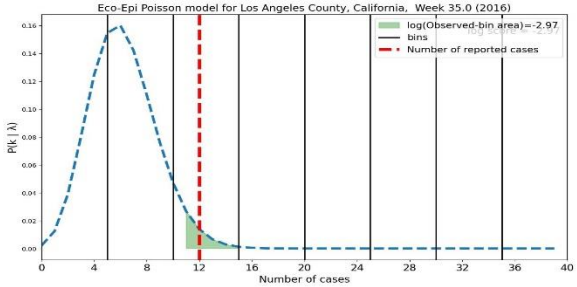

Eco-Epi Poisson model for Los Angeles County, California, Week 29.0 (2016)
log(Observed-bin area)=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

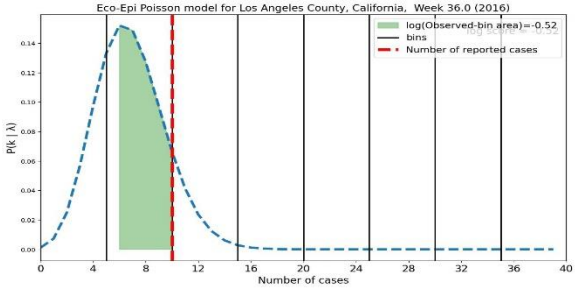

Eco-Epi Poisson model for Los Angeles County, California, Week 31.0 (2016)
log(Observed-bin area)=-0.19
bins
Number of reported cases
P(k | λ)
Number of cases

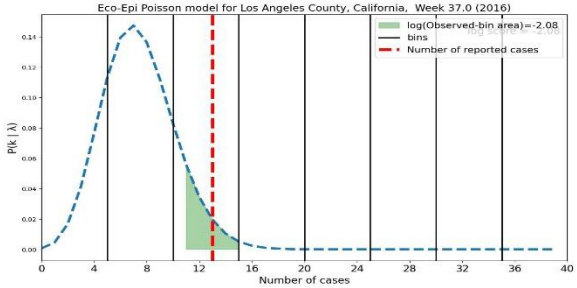

Eco-Epi Poisson model for Los Angeles County, California, Week 32.0 (2016)
log(Observed-bin area)=-1.45
bins
Number of reported cases
P(k | λ)
Number of cases

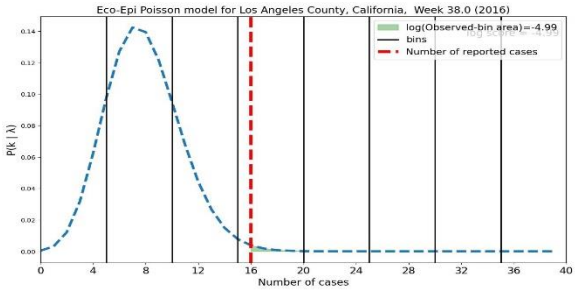

Eco-Epi Poisson model for Los Angeles County, California, Week 33.0 (2016)
log(Observed-bin area)=-1.07
bins
Number of reported cases
P(k | λ)
Number of cases

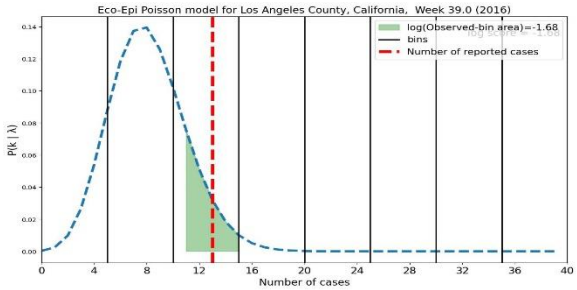

Eco-Epi Poisson model for Los Angeles County, California, Week 34.0 (2016)
log(Observed-bin area)=-8.46
bins
Number of reported cases
P(k | λ)
Number of cases

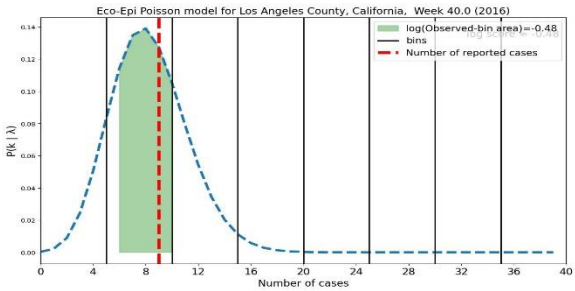

Eco-Epi Poisson model for Los Angeles County, California, Week 35.0 (2016)
log(Observed-bin area)=-2.97
bins
Number of reported cases
P(k | λ)
Number of cases

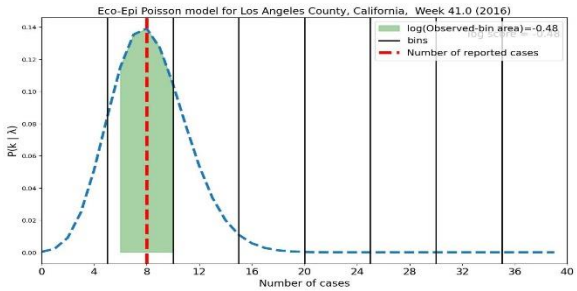

Eco-Epi Poisson model for Los Angeles County, California, Week 36.0 (2016)
log(Observed-bin area)=-0.52
bins
Number of reported cases
P(k | λ)
Number of cases

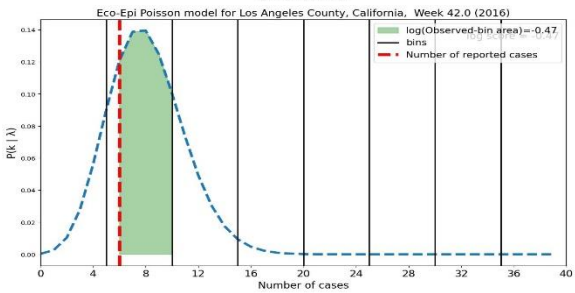

Eco-Epi Poisson model for Los Angeles County, California, Week 37.0 (2016)
log(Observed-bin area)=-2.08
bins
Number of reported cases
P(k | λ)
Number of cases

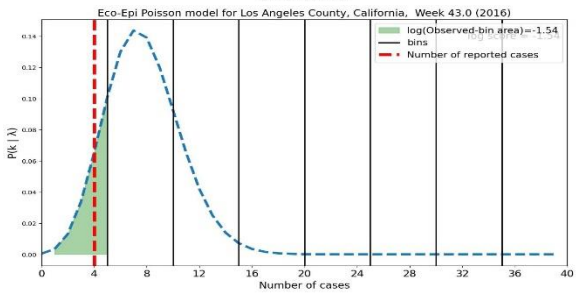

Eco-Epi Poisson model for Los Angeles County, California, Week 38.0 (2016)
log(Observed-bin area)=-4.99
bins
Number of reported cases
P(k | λ)
Number of cases

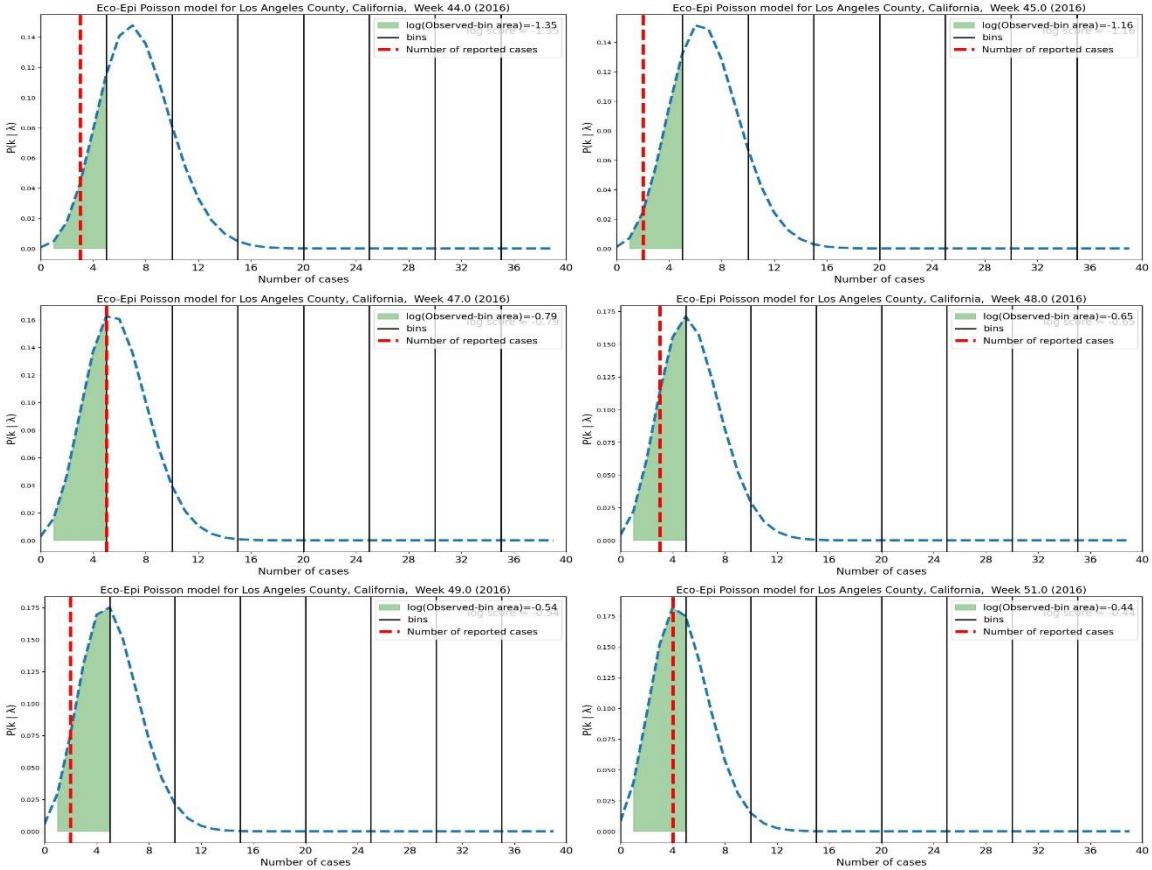

Eco-Epi Poisson model for Los Angeles County, California, Week 39.0 (2016)
log(Observed-bin area)=-1.68
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Los Angeles County, California, Week 40.0 (2016)
log(Observed-bin area)=-0.48
bins
Number of reported cases
P(k | λ)
Number of cases

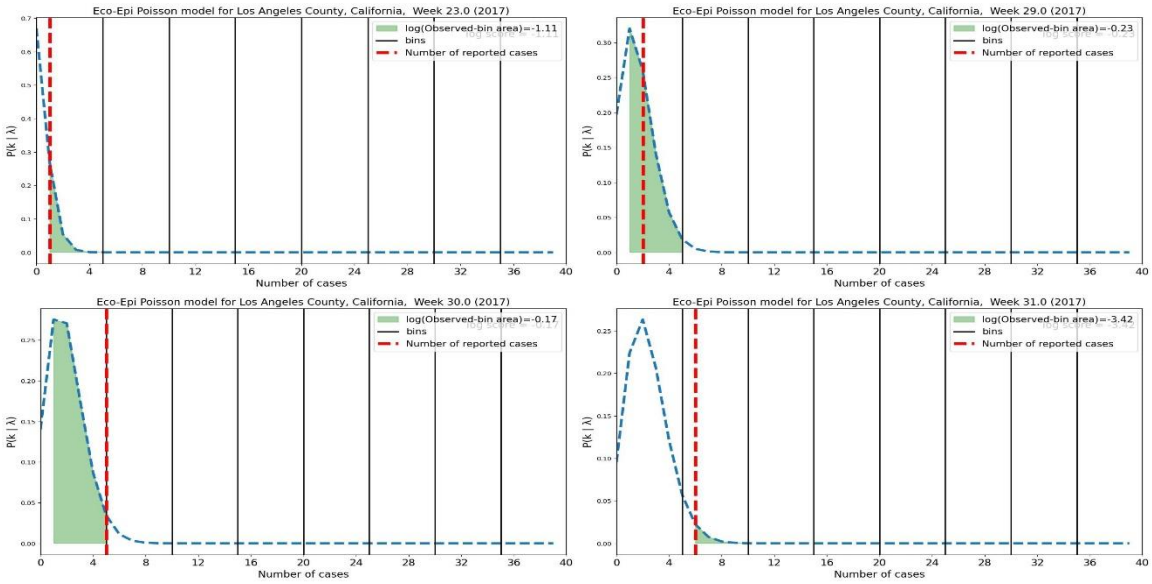

Eco-Epi Poisson model for Los Angeles County, California, Week 41.0 (2016)
log(Observed-bin area)=-0.48
bins
Number of reported cases
P(k | λ)
Number of cases

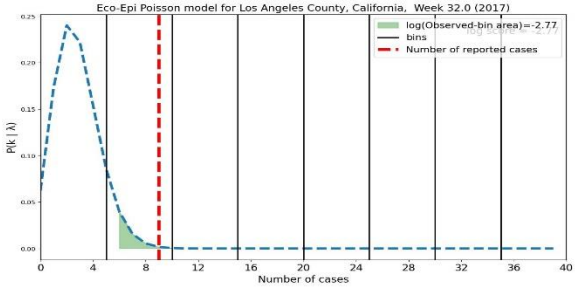

Eco-Epi Poisson model for Los Angeles County, California, Week 42.0 (2016)
log(Observed-bin area)=-0.47
bins
Number of reported cases
P(k | λ)
Number of cases

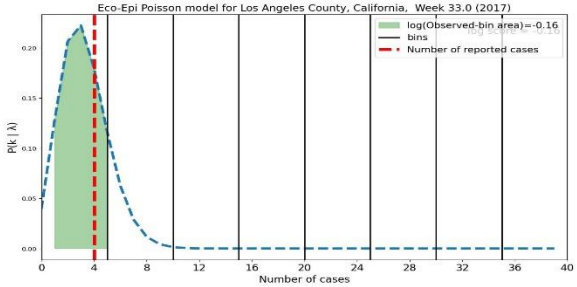

Eco-Epi Poisson model for Los Angeles County, California, Week 43.0 (2016)
log(Observed-bin area)=-1.54
bins
Number of reported cases
P(k | λ)
Number of cases

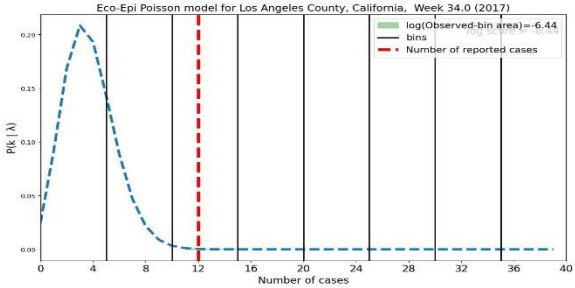

Eco-Epi Poisson model for Los Angeles County, California, Week 44.0 (2016)
log(Observed-bin area)=-1.35
bins
Number of reported cases
Eco-Epi Poisson model for Los Angeles County, California, Week 45.0 (2016)
log(Observed-bin area)=-1.16
bins
Number of reported cases
Eco-Epi Poisson model for Los Angeles County, California, Week 47.0 (2016)
log(Observed-bin area)=-0.79
bins
Number of reported cases
Eco-Epi Poisson model for Los Angeles County, California, Week 48.0 (2016)
log(Observed-bin area)=-0.65
bins
Number of reported cases
Eco-Epi Poisson model for Los Angeles County, California, Week 49.0 (2016)
log(Observed-bin area)=-0.54
bins
Number of reported cases
Eco-Epi Poisson model for Los Angeles County, California, Week 51.0 (2016)
log(Observed-bin area)=-0.44
bins
Number of reported cases
P(k | λ)
Number of cases

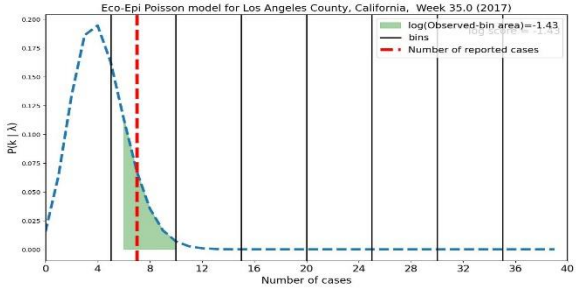
2017

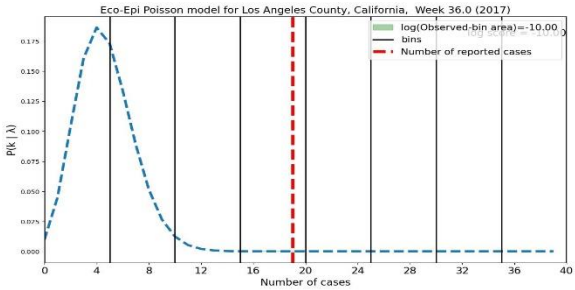

Eco-Epi Poisson model for Los Angeles County, California, Week 23.0 (2017)
log(Observed-bin area)=-1.11
bins
Number of reported cases
Eco-Epi Poisson model for Los Angeles County, California, Week 29.0 (2017)
log(Observed-bin area)=-0.23
bins
Number of reported cases
Eco-Epi Poisson model for Los Angeles County, California, Week 30.0 (2017)
log(Observed-bin area)=-0.17
bins
Number of reported cases
Eco-Epi Poisson model for Los Angeles County, California, Week 31.0 (2017)
log(Observed-bin area)=-3.42
bins
Number of reported cases
P(k | λ)
Number of cases

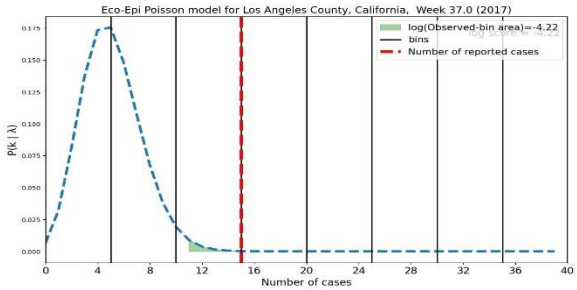

Eco-Epi Poisson model for Los Angeles County, California, Week 32.0 (2017)
log(Observed-bin area)=-2.77
bins
Number of reported cases
P(k | λ)
Number of cases

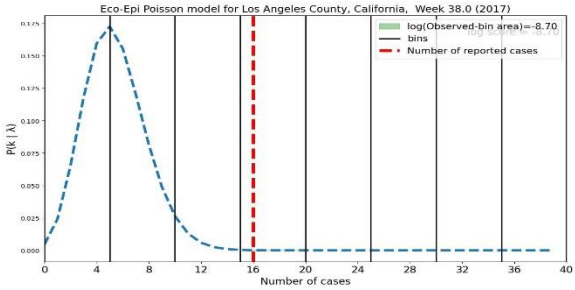

Eco-Epi Poisson model for Los Angeles County, California, Week 33.0 (2017)
log(Observed-bin area)=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

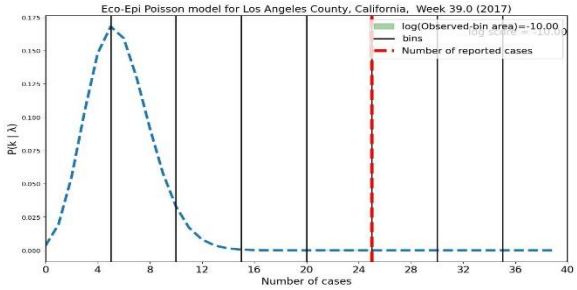

Eco-Epi Poisson model for Los Angeles County, California, Week 34.0 (2017)
log(Observed-bin area)=-6.44
bins
Number of reported cases
P(k | λ)
Number of cases

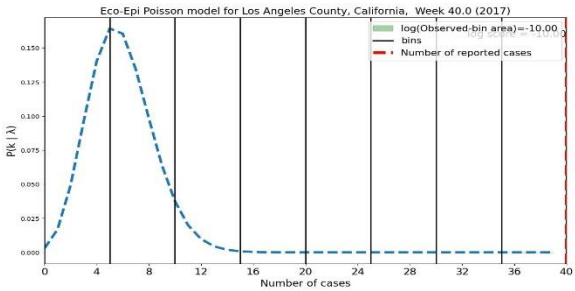

Eco-Epi Poisson model for Los Angeles County, California, Week 35.0 (2017)
log(Observed-bin area)=-1.43
bins
Number of reported cases
P(k | λ)
Number of cases

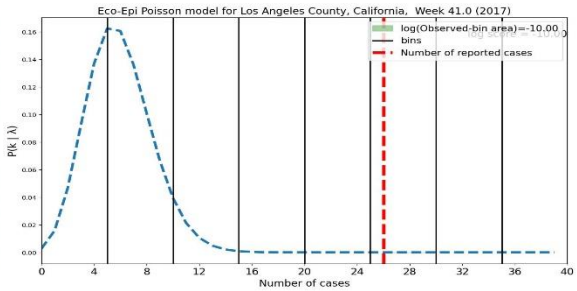

Eco-Epi Poisson model for Los Angeles County, California, Week 36.0 (2017)
log(Observed-bin area)=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

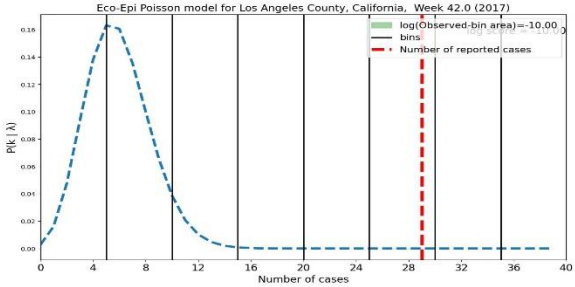

Eco-Epi Poisson model for Los Angeles County, California, Week 37.0 (2017)
log(Observed-bin area)=-4.22
bins
Number of reported cases
P(k | λ)
Number of cases

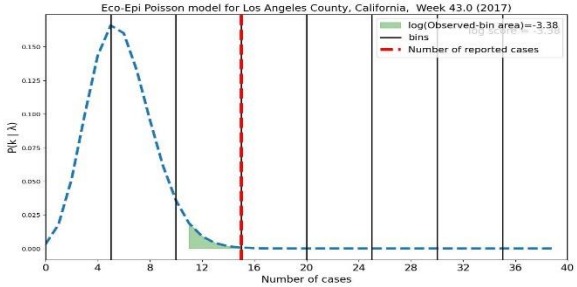

Eco-Epi Poisson model for Los Angeles County, California, Week 38.0 (2017)
log(Observed-bin area)=-8.70
bins
Number of reported cases
P(k | λ)
Number of cases

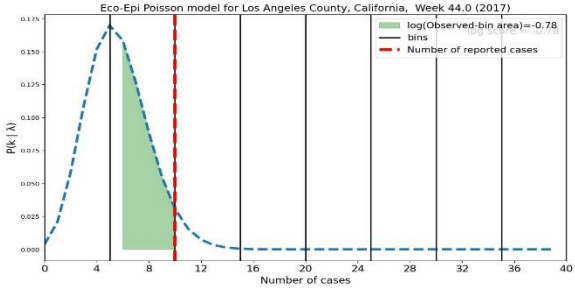

Eco-Epi Poisson model for Los Angeles County, California, Week 39.0 (2017)
log(Observed-bin area)=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

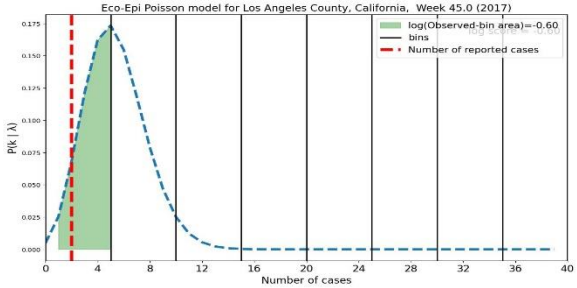

Eco-Epi Poisson model for Los Angeles County, California, Week 40.0 (2017)
log(Observed-bin area)=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

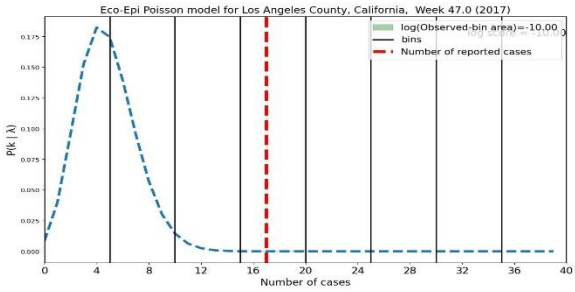

Eco-Epi Poisson model for Los Angeles County, California, Week 41.0 (2017)
log(Observed-bin area)=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

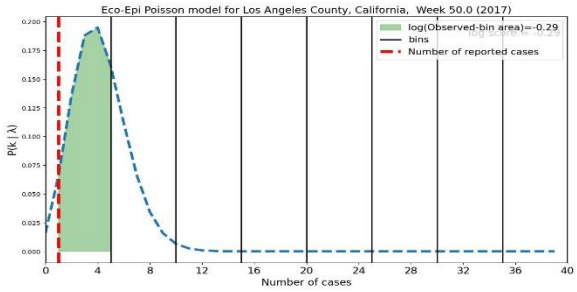

Eco-Epi Poisson model for Los Angeles County, California, Week 42.0 (2017)
log(Observed-bin area)=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

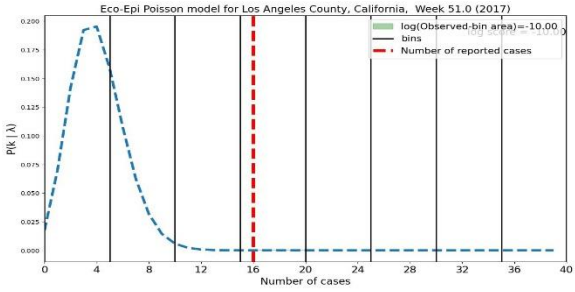

Eco-Epi Poisson model for Los Angeles County, California, Week 43.0 (2017)
log(Observed-bin area)=-3.38
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Los Angeles County, California, Week 44.0 (2017)
log(Observed-bin area)=-0.78
bins
Number of reported cases
P(k | λ)
Number of cases

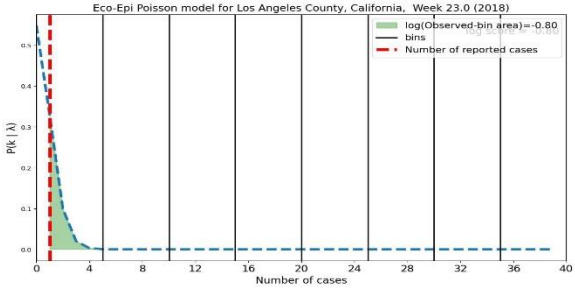

Eco-Epi Poisson model for Los Angeles County, California, Week 45.0 (2017)
log(Observed-bin area)=-0.60
bins
Number of reported cases
P(k | λ)
Number of cases

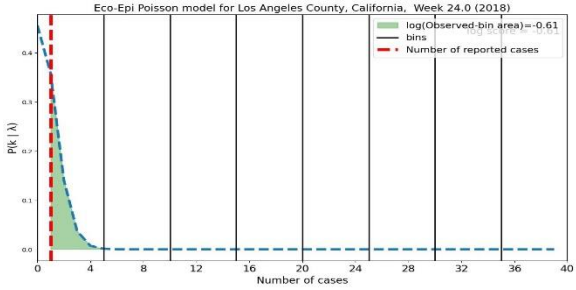

Eco-Epi Poisson model for Los Angeles County, California, Week 47.0 (2017)
log(Observed-bin area)=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

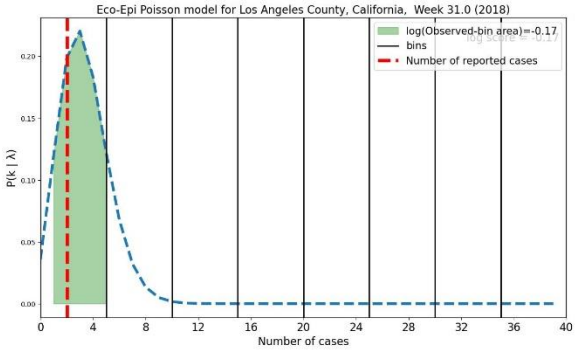

Eco-Epi Poisson model for Los Angeles County, California, Week 50.0 (2017)
log(Observed-bin area)=-0.29
bins
Number of reported cases
P(k | λ)
Number of cases

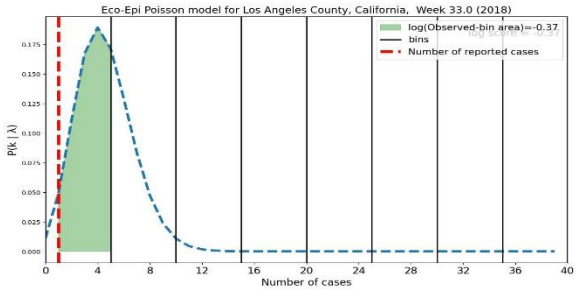

Eco-Epi Poisson model for Los Angeles County, California, Week 51.0 (2017)
log(Observed-bin area)=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

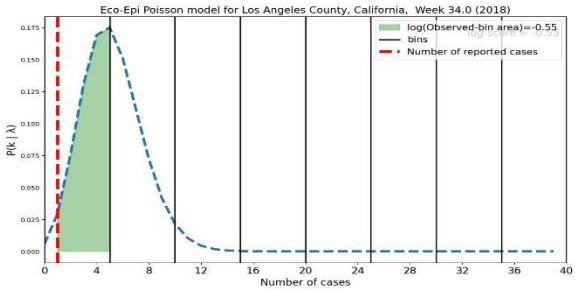
2018

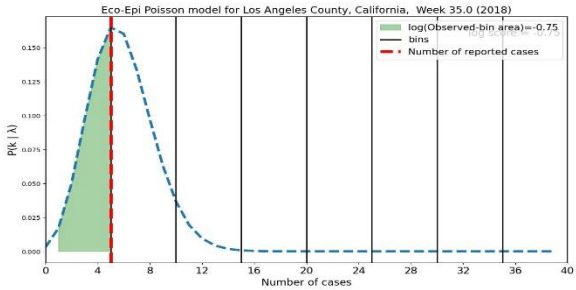

Eco-Epi Poisson model for Los Angeles County, California, Week 23.0 (2018)
log(Observed-bin area)=-0.80
bins
Number of reported cases
P(k | λ)
Number of cases

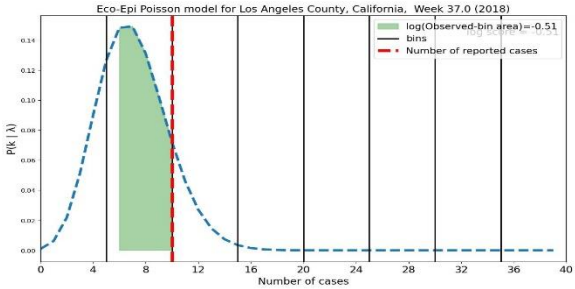

Eco-Epi Poisson model for Los Angeles County, California, Week 24.0 (2018)
log(Observed-bin area)=-0.61
bins
Number of reported cases
P(k | λ)
Number of cases

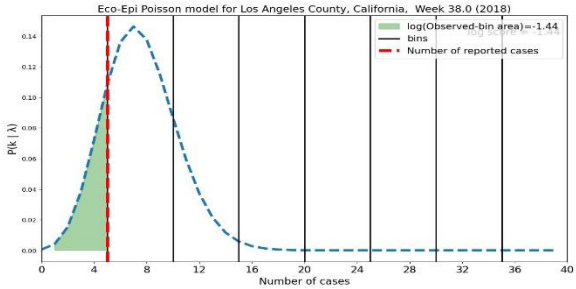

Eco-Epi Poisson model for Los Angeles County, California, Week 31.0 (2018)
log(Observed-bin area)=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

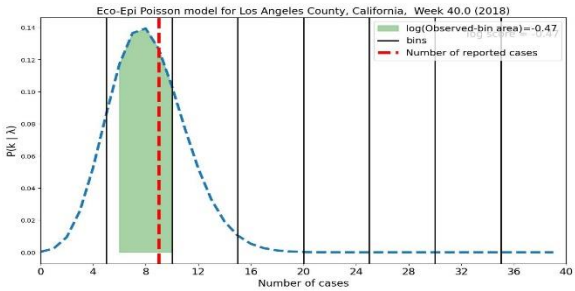

Eco-Epi Poisson model for Los Angeles County, California, Week 33.0 (2018)
log(Observed-bin area)=-0.37
bins
Number of reported cases
P(k | λ)
Number of cases

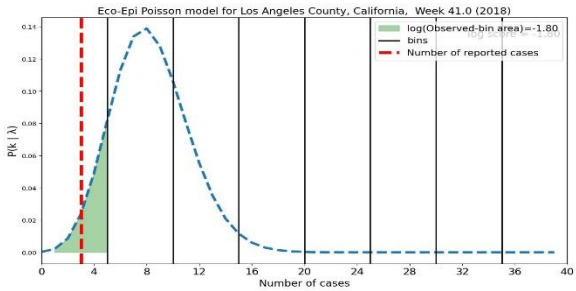

Eco-Epi Poisson model for Los Angeles County, California, Week 34.0 (2018)
log(Observed-bin area)=-0.55
bins
Number of reported cases
P(k | λ)
Number of cases

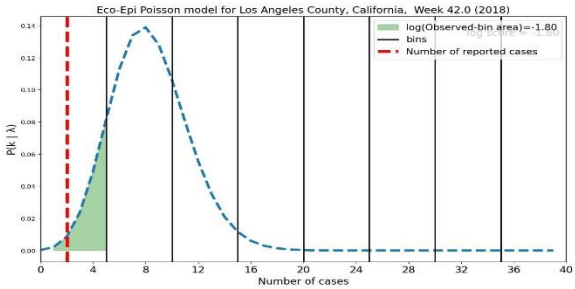

Eco-Epi Poisson model for Los Angeles County, California, Week 35.0 (2018)
log(Observed-bin area)=-0.75
bins
Number of reported cases
P(k | λ)
Number of cases

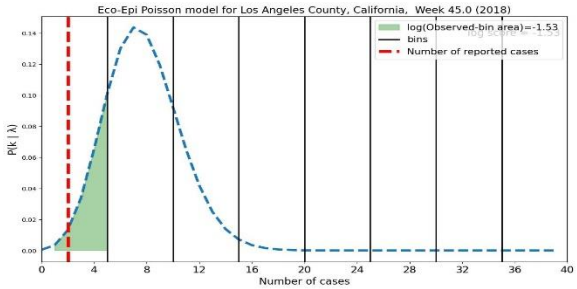

Eco-Epi Poisson model for Los Angeles County, California, Week 37.0 (2018)
log(Observed-bin area)=-0.51
bins
Number of reported cases
P(k | λ)
Number of cases

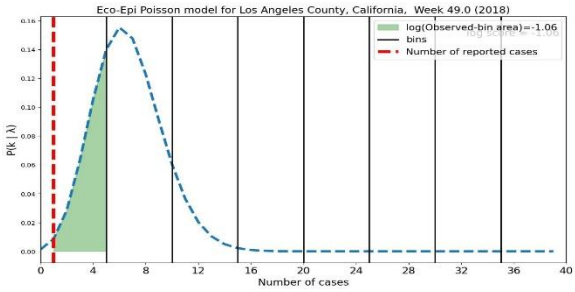

Eco-Epi Poisson model for Los Angeles County, California, Week 38.0 (2018)
log(Observed-bin area)=-1.44
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Los Angeles County, California, Week 40.0 (2018)
log(Observed-bin area)=-0.47
bins
Number of reported cases
P(k | λ)
Number of cases

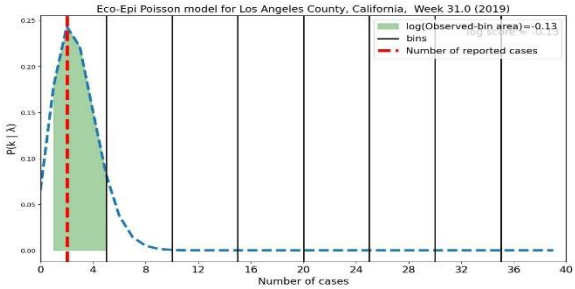

Eco-Epi Poisson model for Los Angeles County, California, Week 41.0 (2018)
log(Observed-bin area)=-1.80
bins
Number of reported cases
P(k | λ)
Number of cases

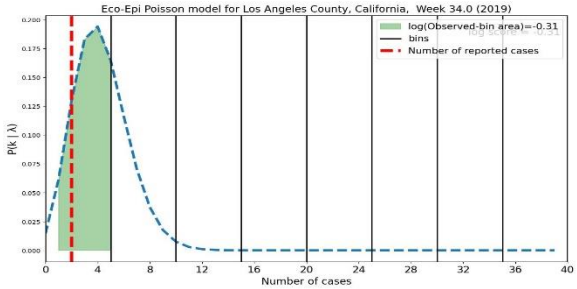

Eco-Epi Poisson model for Los Angeles County, California, Week 42.0 (2018)
log(Observed-bin area)=-1.80
bins
Number of reported cases
P(k | λ)
Number of cases

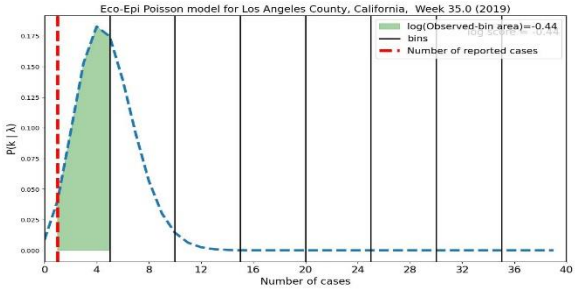

Eco-Epi Poisson model for Los Angeles County, California, Week 45.0 (2018)
log(Observed-bin area)=-1.53
bins
Number of reported cases
P(k | λ)
Number of cases

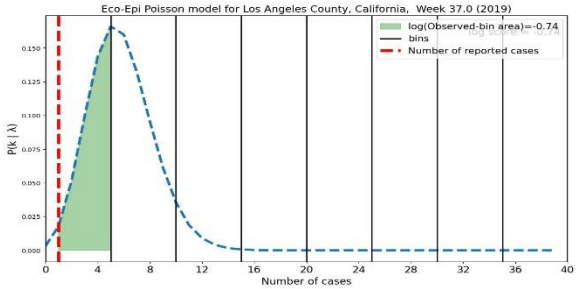

Eco-Epi Poisson model for Los Angeles County, California, Week 49.0 (2018)
log(Observed-bin area)=-1.06
bins
Number of reported cases
P(k | λ)
Number of cases

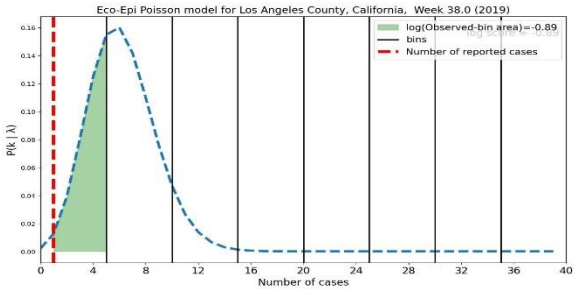
2019

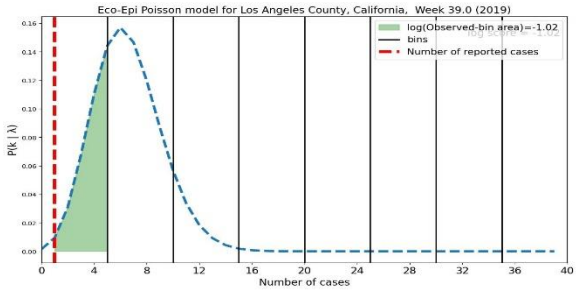

Eco-Epi Poisson model for Los Angeles County, California, Week 31.0 (2019)
log(Observed-bin area)=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

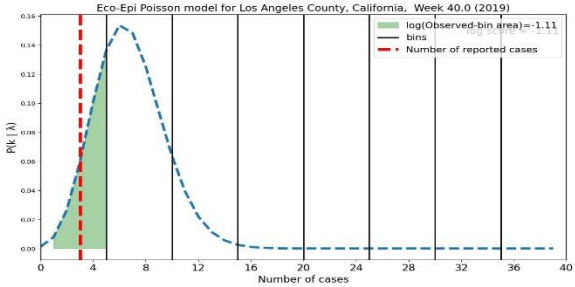

Eco-Epi Poisson model for Los Angeles County, California, Week 34.0 (2019)
log(Observed-bin area)=-0.31
bins
Number of reported cases
P(k | λ)
Number of cases

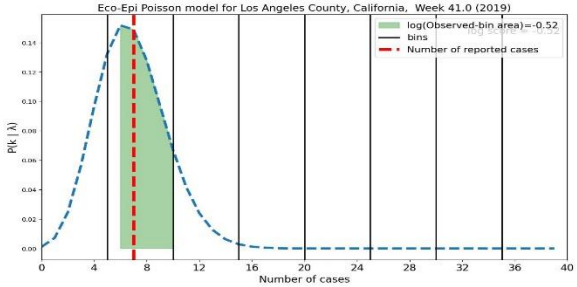

Eco-Epi Poisson model for Los Angeles County, California, Week 35.0 (2019)
log(Observed-bin area)=-0.44
bins
Number of reported cases
P(k | λ)
Number of cases

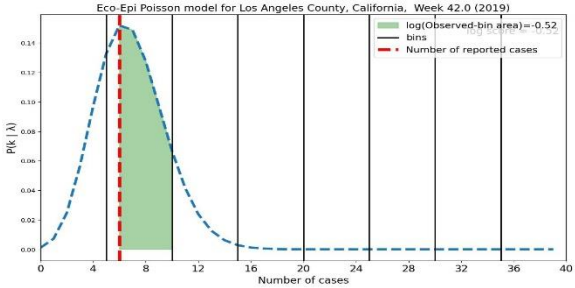

Eco-Epi Poisson model for Los Angeles County, California, Week 37.0 (2019)
log(Observed-bin area)=-0.74
bins
Number of reported cases
P(k | λ)
Number of cases

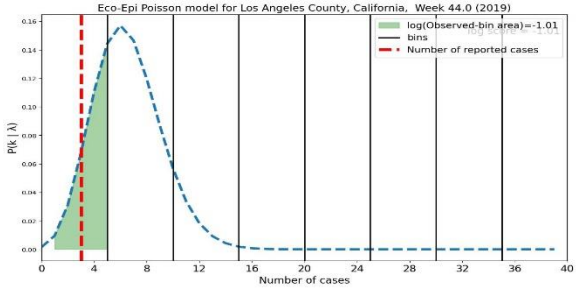

Eco-Epi Poisson model for Los Angeles County, California, Week 38.0 (2019)
log(Observed-bin area)=-0.89
bins
Number of reported cases
P(k | λ)
Number of cases

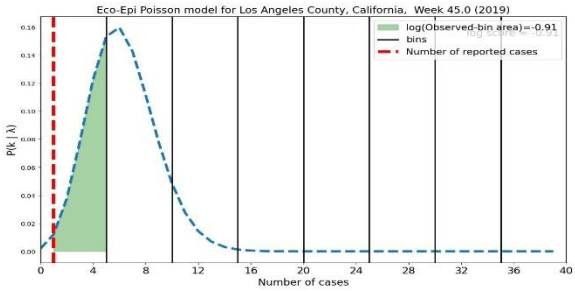

Eco-Epi Poisson model for Los Angeles County, California, Week 39.0 (2019)
log(Observed-bin area)=-1.02
bins
Number of reported cases
P(k | λ)
Number of cases

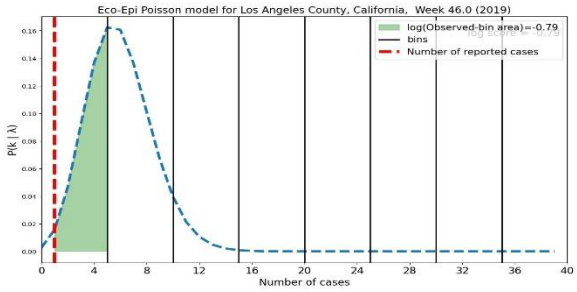

Eco-Epi Poisson model for Los Angeles County, California, Week 40.0 (2019)
log(Observed-bin area)=-1.11
bins
Number of reported cases
P(k | λ)
Number of cases

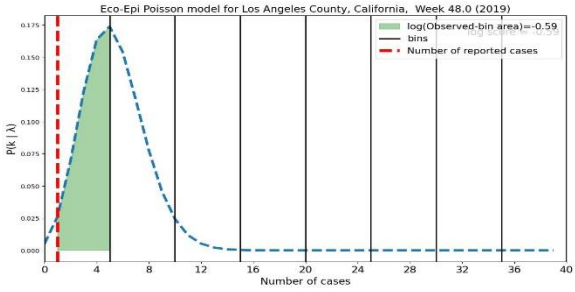

Eco-Epi Poisson model for Los Angeles County, California, Week 41.0 (2019)
log(Observed-bin area)=-0.52
bins
Number of reported cases
P(k | λ)
Number of cases

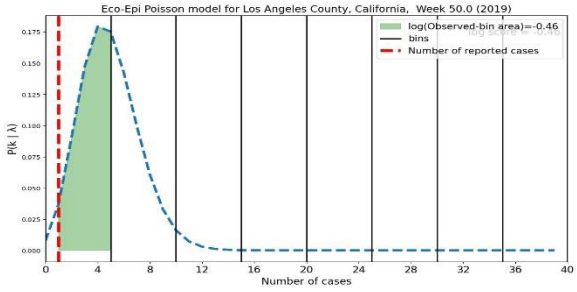

Eco-Epi Poisson model for Los Angeles County, California, Week 42.0 (2019)
log(Observed-bin area)=-0.52
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Los Angeles County, California, Week 44.0 (2019)
log(Observed-bin area)=-1.01
bins
Number of reported cases
P(k | λ)
Number of cases

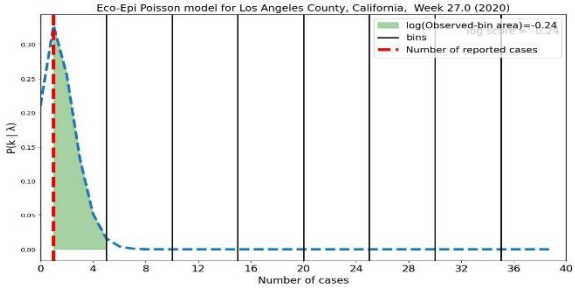

Eco-Epi Poisson model for Los Angeles County, California, Week 45.0 (2019)
log(Observed-bin area)=-0.91
bins
Number of reported cases
P(k | λ)
Number of cases

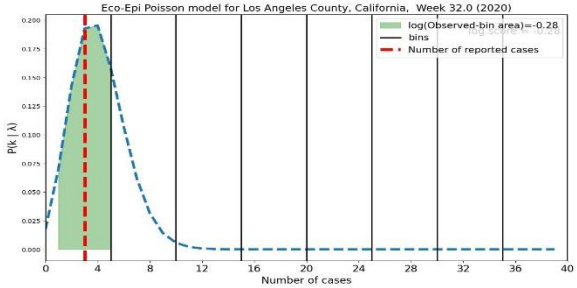

Eco-Epi Poisson model for Los Angeles County, California, Week 46.0 (2019)
log(Observed-bin area)=-0.79
bins
Number of reported cases
P(k | λ)
Number of cases

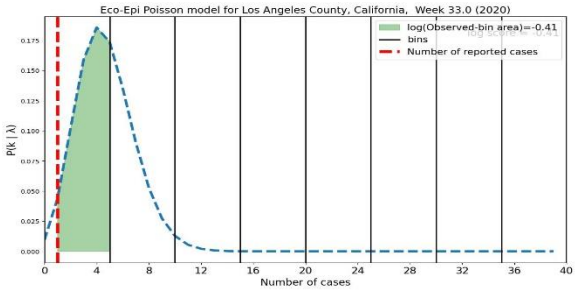

Eco-Epi Poisson model for Los Angeles County, California, Week 48.0 (2019)
log(Observed-bin area)=-0.59
bins
Number of reported cases
P(k | λ)
Number of cases

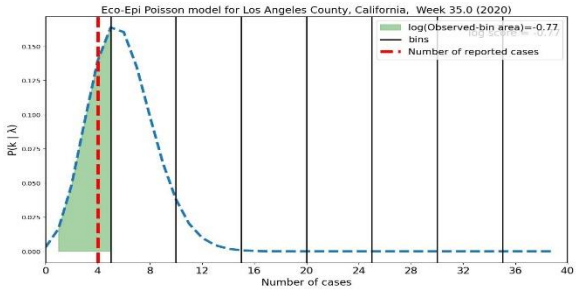

Eco-Epi Poisson model for Los Angeles County, California, Week 50.0 (2019)
log(Observed-bin area)=-0.46
bins
Number of reported cases
P(k | λ)
Number of cases

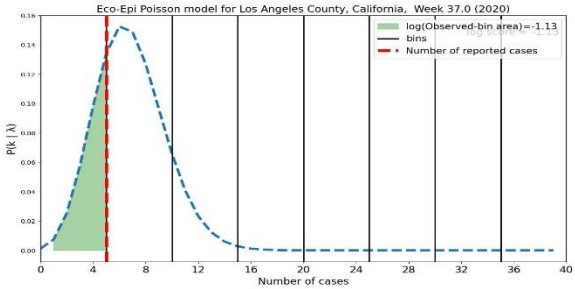
2020

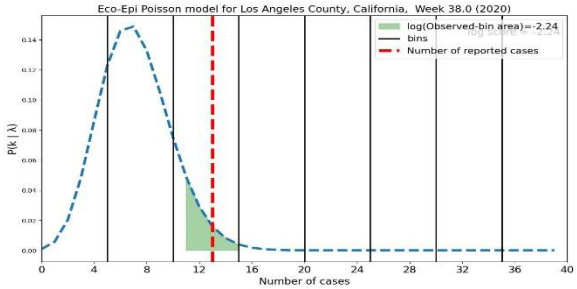

Eco-Epi Poisson model for Los Angeles County, California, Week 27.0 (2020)
log(Observed-bin area)=-0.24
bins
Number of reported cases
P(k | λ)
Number of cases

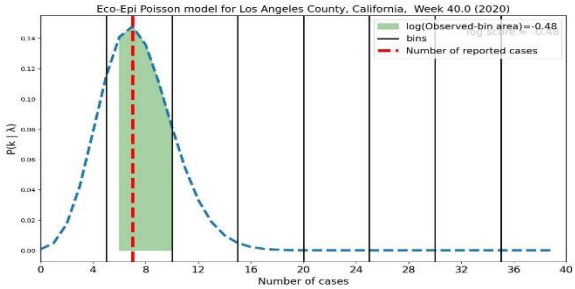

Eco-Epi Poisson model for Los Angeles County, California, Week 32.0 (2020)
log(Observed-bin area)=-0.28
bins
Number of reported cases
P(k | λ)
Number of cases

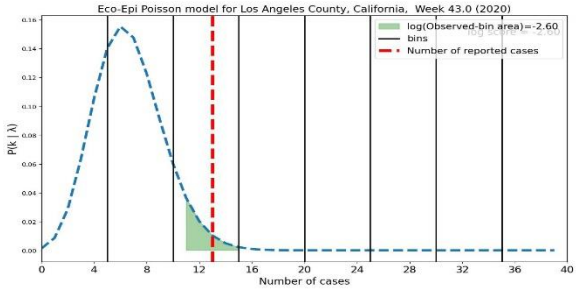

Eco-Epi Poisson model for Los Angeles County, California, Week 33.0 (2020)
log(Observed-bin area)=-0.41
bins
Number of reported cases
P(k | λ)
Number of cases

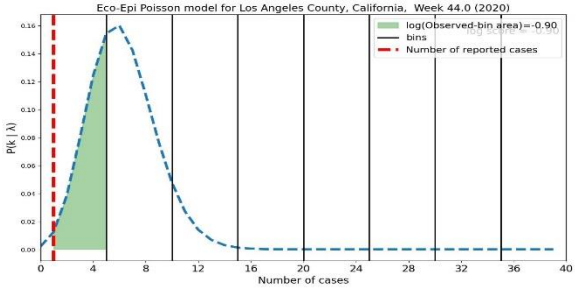

Eco-Epi Poisson model for Los Angeles County, California, Week 35.0 (2020)
log(Observed-bin area)=-0.77
bins
Number of reported cases
P(k | λ)
Number of cases

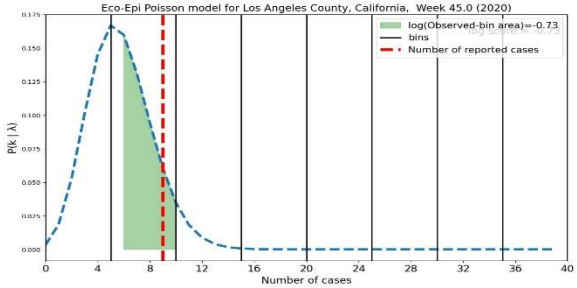

Eco-Epi Poisson model for Los Angeles County, California, Week 37.0 (2020)
log(Observed-bin area)=-1.13
bins
Number of reported cases
P(k | λ)
Number of cases

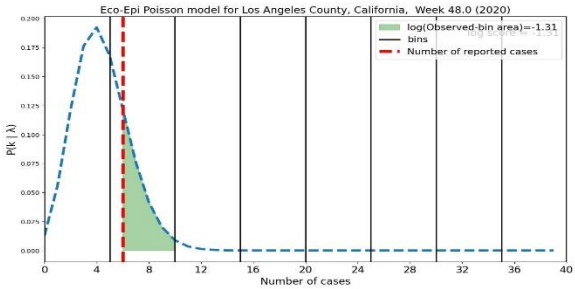

Eco-Epi Poisson model for Los Angeles County, California, Week 38.0 (2020)
log(Observed-bin area)=-2.24
bins
Number of reported cases
P(k | λ)
Number of cases

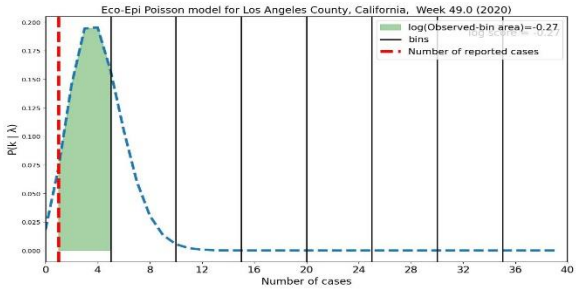

Eco-Epi Poisson model for Los Angeles County, California, Week 40.0 (2020)
log(Observed-bin area)=-0.48
bins
Number of reported cases
P(k | λ)
Number of cases

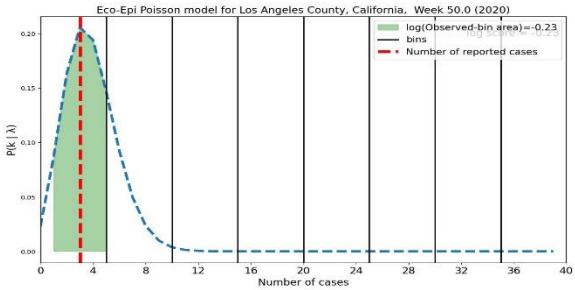

Eco-Epi Poisson model for Los Angeles County, California, Week 43.0 (2020)
log(Observed-bin area)=-2.60
bins
Number of reported cases
P(k | λ)
Number of cases

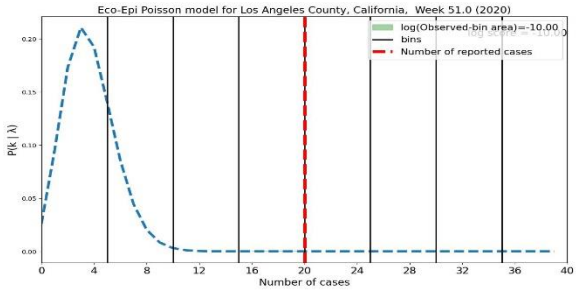

Eco-Epi Poisson model for Los Angeles County, California, Week 44.0 (2020)
log(Observed-bin area)=-0.90
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Los Angeles County, California, Week 45.0 (2020)
log(Observed-bin area)=-0.73
bins
Number of reported cases
P(k | λ)
Number of cases

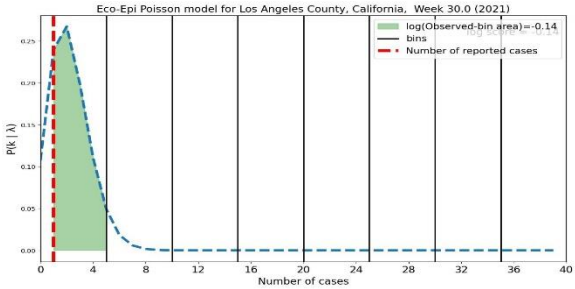

Eco-Epi Poisson model for Los Angeles County, California, Week 48.0 (2020)
log(Observed-bin area)=-1.31
bins
Number of reported cases
P(k | λ)
Number of cases

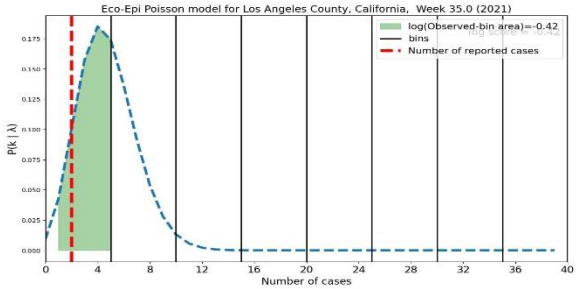

Eco-Epi Poisson model for Los Angeles County, California, Week 49.0 (2020)
log(Observed-bin area)=-0.27
bins
Number of reported cases
P(k | λ)
Number of cases

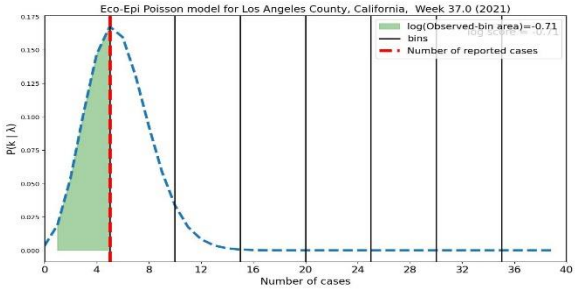

Eco-Epi Poisson model for Los Angeles County, California, Week 50.0 (2020)
log(Observed-bin area)=-0.23
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Los Angeles County, California, Week 51.0 (2020)
log(Observed-bin area)=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

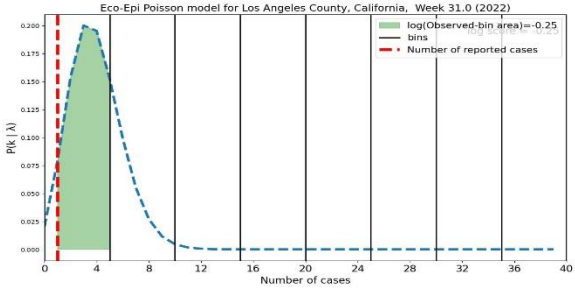
2021

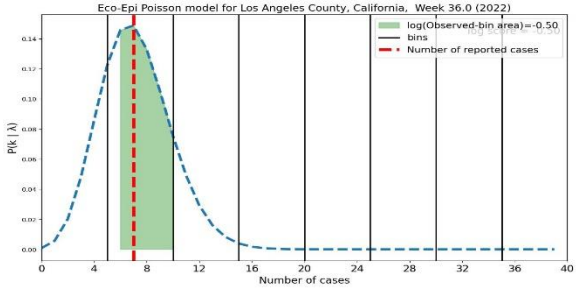

Eco-Epi Poisson model for Los Angeles County, California, Week 30.0 (2021)
log(Observed-bin area)=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

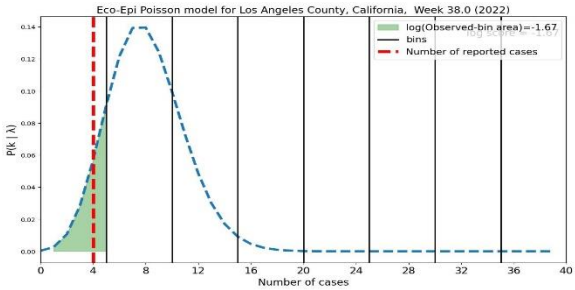

Eco-Epi Poisson model for Los Angeles County, California, Week 35.0 (2021)
log(Observed-bin area)=-0.42
bins
Number of reported cases
P(k | λ)
Number of cases

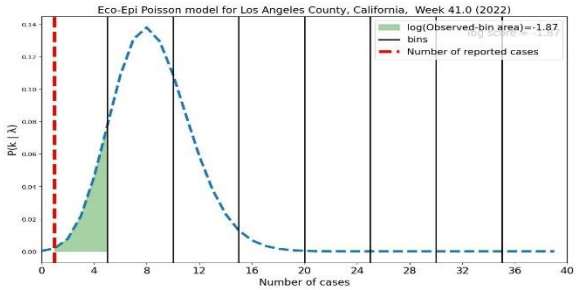

Eco-Epi Poisson model for Los Angeles County, California, Week 37.0 (2021)
log(Observed-bin area)=-0.71
bins
Number of reported cases
P(k | λ)
Number of cases

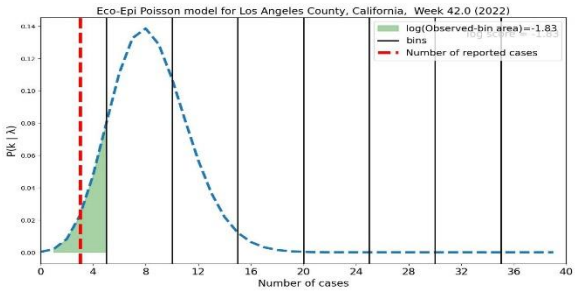
2022

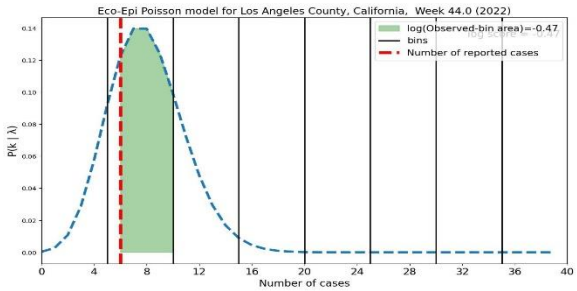

Eco-Epi Poisson model for Los Angeles County, California, Week 31.0 (2022)
log(Observed-bin area)=-0.25
bins
Number of reported cases
P(k | λ)
Number of cases

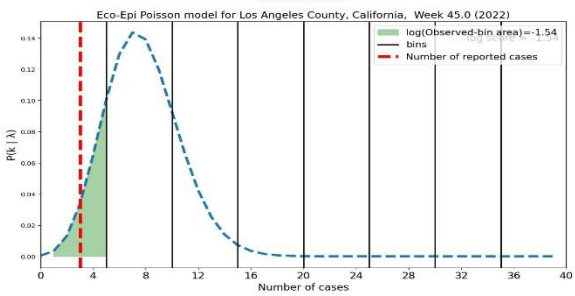

Eco-Epi Poisson model for Los Angeles County, California, Week 36.0 (2022)
log(Observed-bin area)=-0.50
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Los Angeles County, California, Week 38.0 (2022)
log(Observed-bin area)=-1.67
bins
Number of reported cases
P(k | λ)
Number of cases

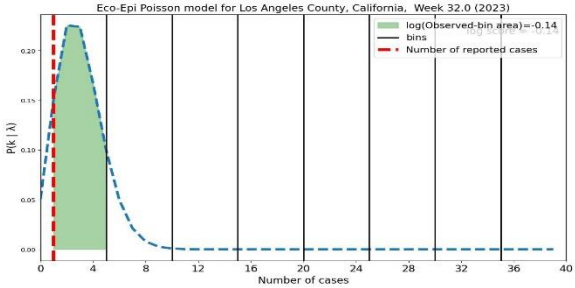

Eco-Epi Poisson model for Los Angeles County, California, Week 41.0 (2022)
log(Observed-bin area)=-1.87
bins
Number of reported cases
P(k | λ)
Number of cases

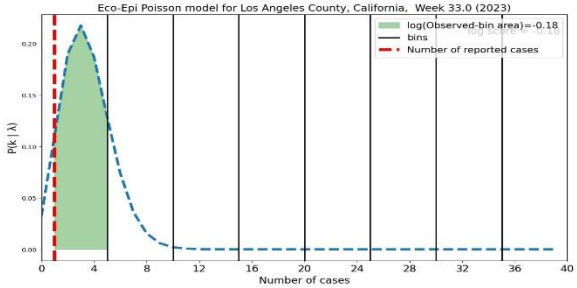

Eco-Epi Poisson model for Los Angeles County, California, Week 42.0 (2022)
log(Observed-bin area)=-1.83
bins
Number of reported cases
P(k | λ)
Number of cases

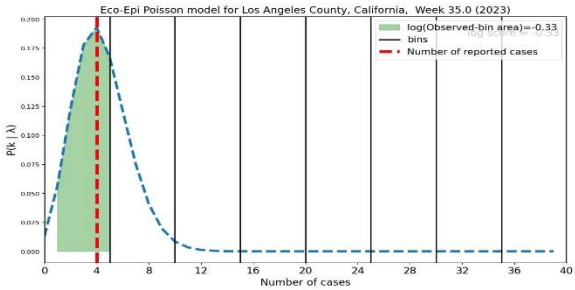

Eco-Epi Poisson model for Los Angeles County, California, Week 44.0 (2022)
log(Observed-bin area)=-0.47
bins
Number of reported cases
P(k | λ)
Number of cases

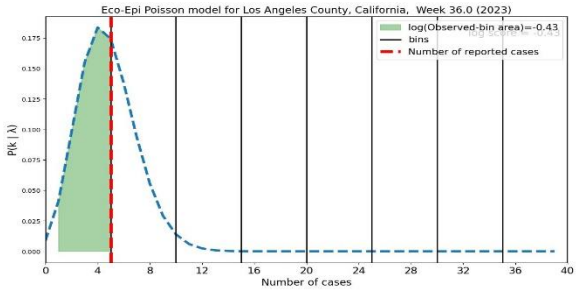

Eco-Epi Poisson model for Los Angeles County, California, Week 45.0 (2022)
log(Observed-bin area)=-1.54
bins
Number of reported cases
P(k | λ)
Number of cases

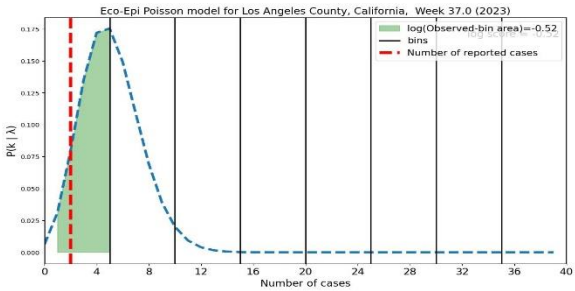
2023

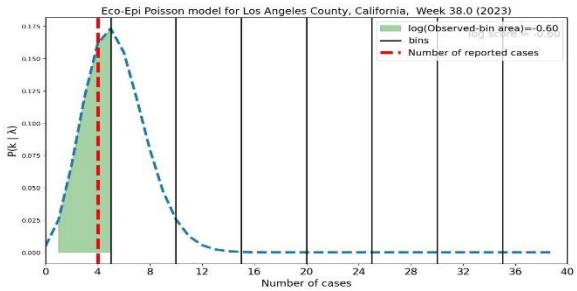

Eco-Epi Poisson model for Los Angeles County, California, Week 32.0 (2023)
log(Observed-bin area)=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

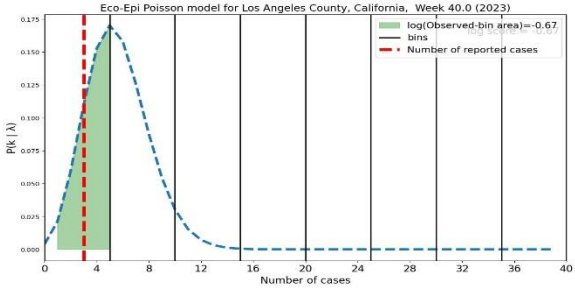

Eco-Epi Poisson model for Los Angeles County, California, Week 33.0 (2023)
log(Observed-bin area)=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases

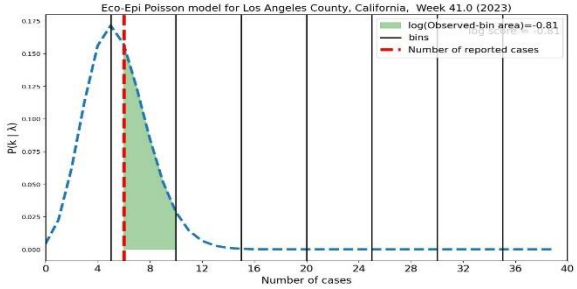

Eco-Epi Poisson model for Los Angeles County, California, Week 35.0 (2023)
log(Observed-bin area)=-0.33
bins
Number of reported cases
P(k | λ)
Number of cases

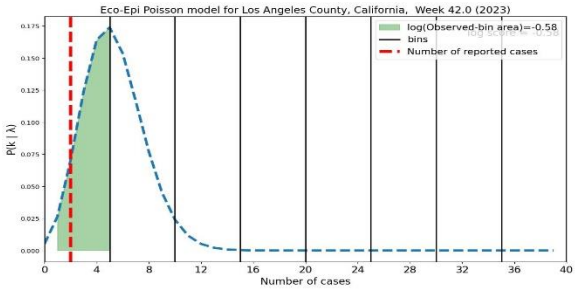

Eco-Epi Poisson model for Los Angeles County, California, Week 36.0 (2023)
log(Observed-bin area)=-0.43
bins
Number of reported cases
P(k | λ)
Number of cases

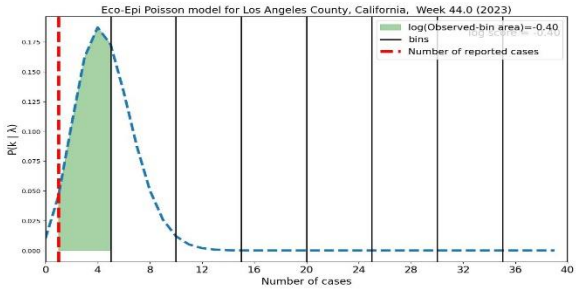

Eco-Epi Poisson model for Los Angeles County, California, Week 37.0 (2023)
log(Observed-bin area)=-0.52
bins
Number of reported cases
P(k | λ)
Number of cases

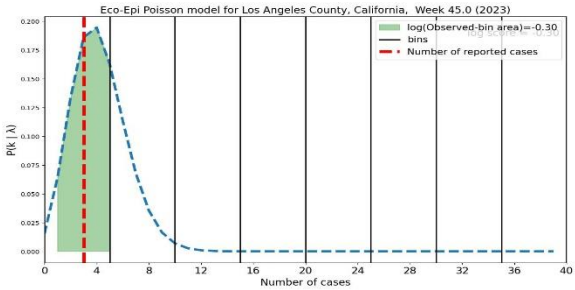

Eco-Epi Poisson model for Los Angeles County, California, Week 38.0 (2023)
log(Observed-bin area)=-0.60
bins
Number of reported cases
P(k | λ)
Number of cases

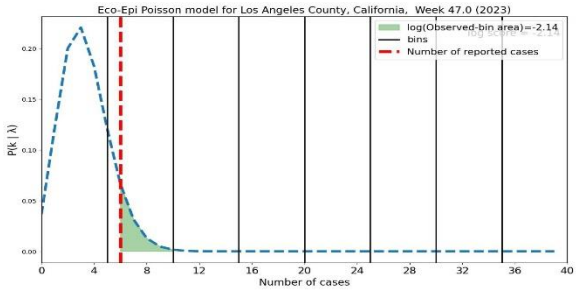

Eco-Epi Poisson model for Los Angeles County, California, Week 40.0 (2023)
log(Observed-bin area)=-0.67
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Los Angeles County, California, Week 41.0 (2023)
log(Observed-bin area)=-0.81
bins
Number of reported cases
P(k | λ)
Number of cases

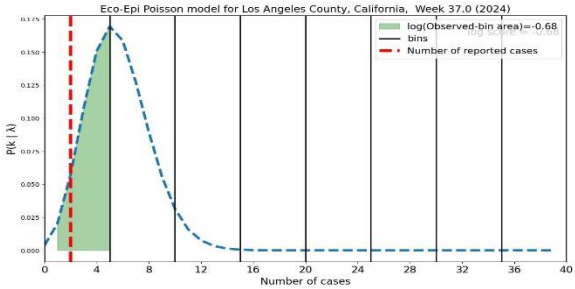

Eco-Epi Poisson model for Los Angeles County, California, Week 42.0 (2023)
log(Observed-bin area)=-0.58
bins
Number of reported cases
P(k | λ)
Number of cases

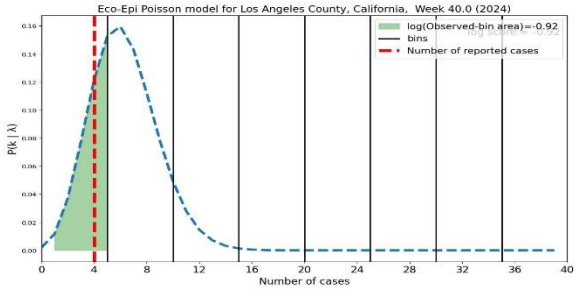

Eco-Epi Poisson model for Los Angeles County, California, Week 44.0 (2023)
log(Observed-bin area)=-0.40
bins
Number of reported cases
P(k | λ)
Number of cases

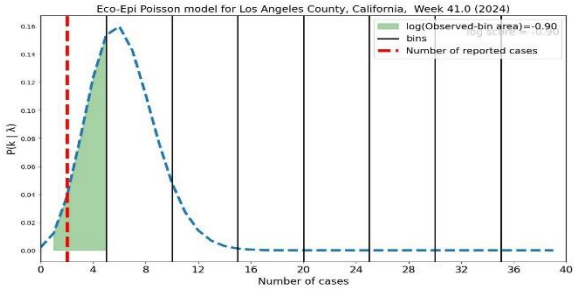

Eco-Epi Poisson model for Los Angeles County, California, Week 45.0 (2023)
log(Observed-bin area)=-0.30
bins
Number of reported cases
P(k | λ)
Number of cases

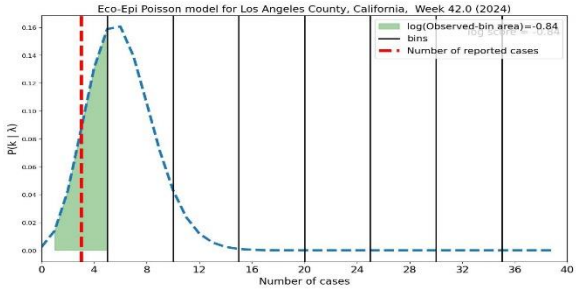

Eco-Epi Poisson model for Los Angeles County, California, Week 47.0 (2023)
log(Observed-bin area)=-2.14
bins
Number of reported cases
P(k | λ)
Number of cases

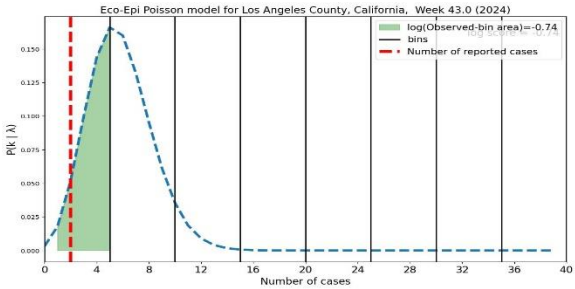
2024

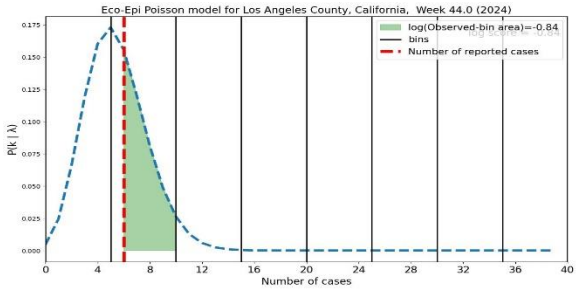

Eco-Epi Poisson model for Los Angeles County, California, Week 37.0 (2024)
log(Observed-bin area)=-0.68
bins
Number of reported cases
P(k | λ)
Number of cases

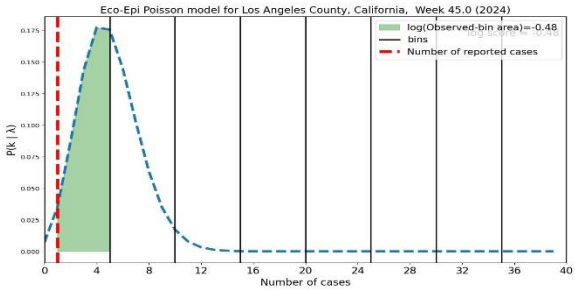

Eco-Epi Poisson model for Los Angeles County, California, Week 40.0 (2024)
log(Observed-bin area)=-0.92
bins
Number of reported cases
P(k | λ)
Number of cases

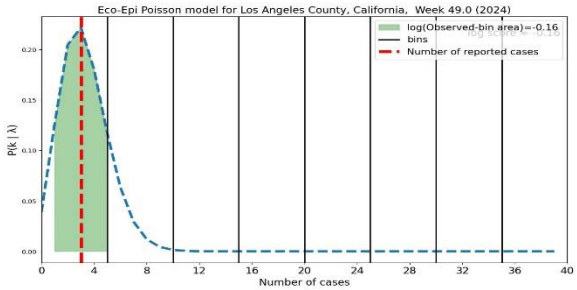

Eco-Epi Poisson model for Los Angeles County, California, Week 41.0 (2024)
log(Observed-bin area)=-0.90
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Los Angeles County, California, Week 42.0 (2024)
log(Observed-bin area)=-0.84
bins
Number of reported cases
P(k | λ)
Number of cases

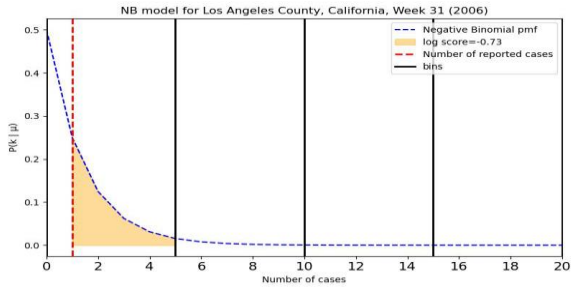


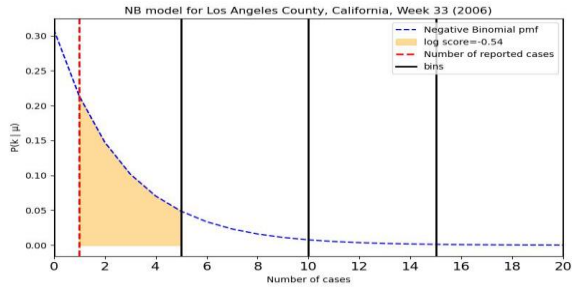


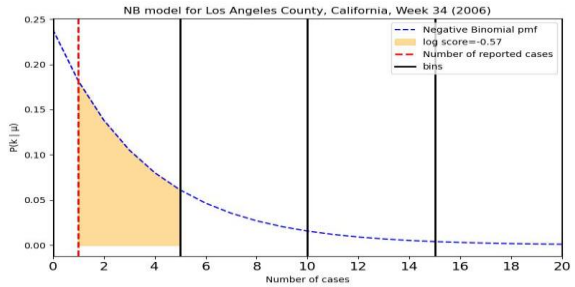


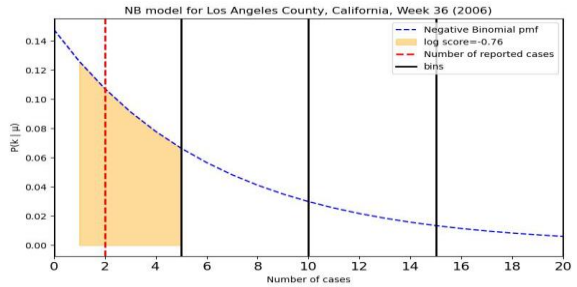


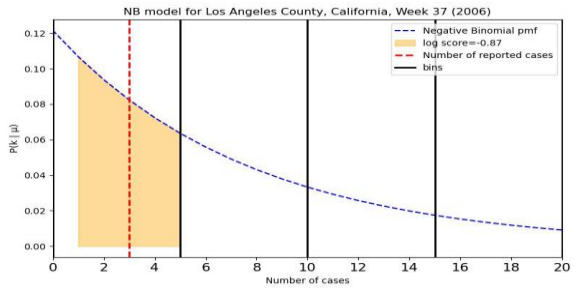
NB-Los Angeles County-(2006-2024)

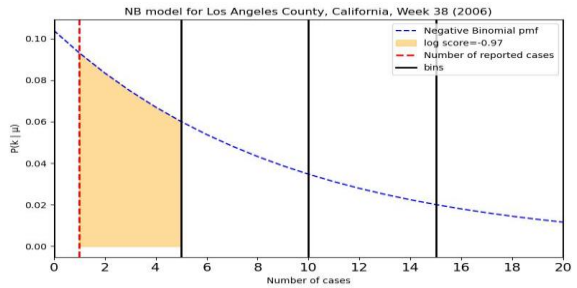


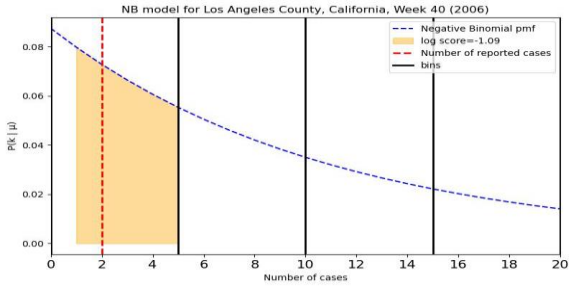


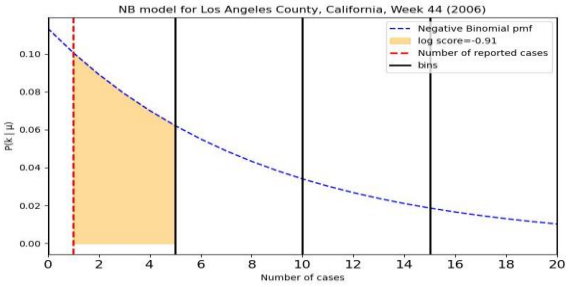


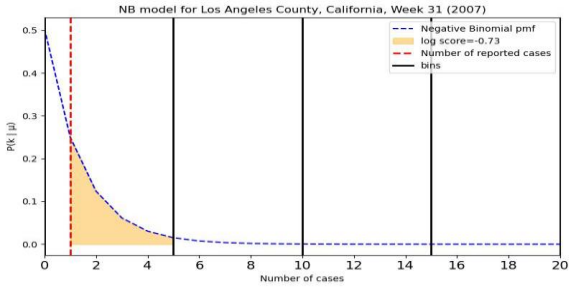


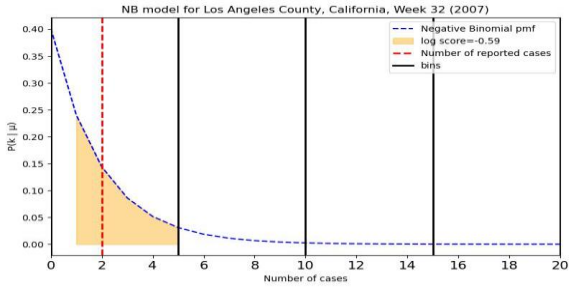


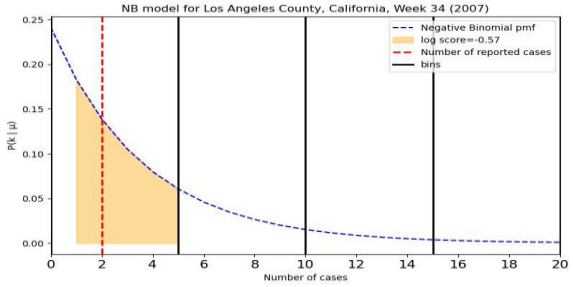


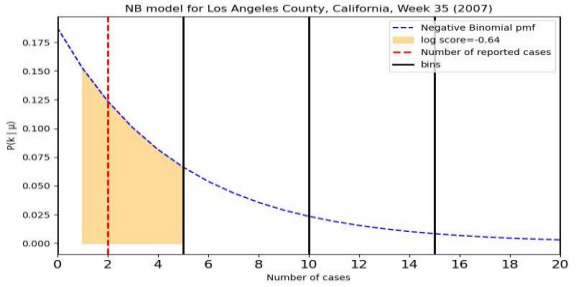

NB model for Los Angeles County, California, Week 40 (2006)
Negative Binomial pmf
log score=-1.09
Number of reported cases
bins
P(k | μ)
Number of cases

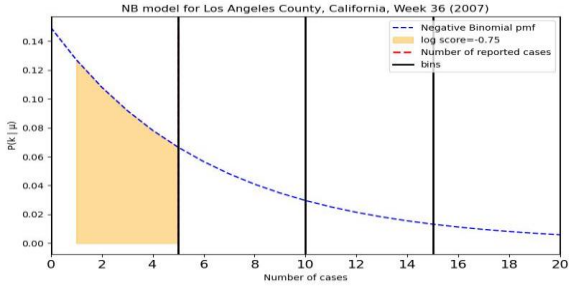

NB model for Los Angeles County, California, Week 44 (2006)
Negative Binomial pmf
log score=-0.91
Number of reported cases
bins
P(k | μ)
Number of cases

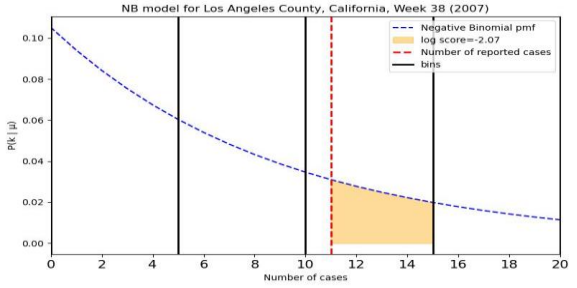

NB model for Los Angeles County, California, Week 31 (2007)
Negative Binomial pmf
log score=-0.73
Number of reported cases
bins
P(k | μ)
Number of cases

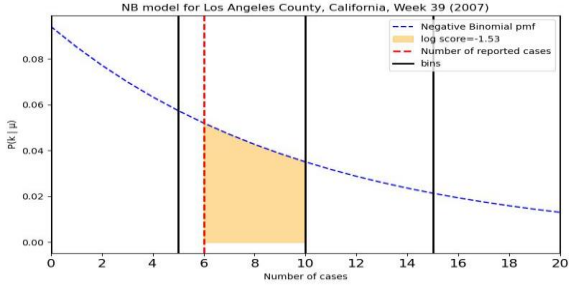

NB model for Los Angeles County, California, Week 32 (2007)
Negative Binomial pmf
log score=-0.59
Number of reported cases
bins
P(k | μ)
Number of cases

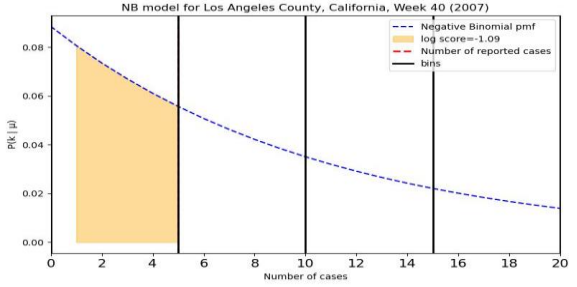

NB model for Los Angeles County, California, Week 34 (2007)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

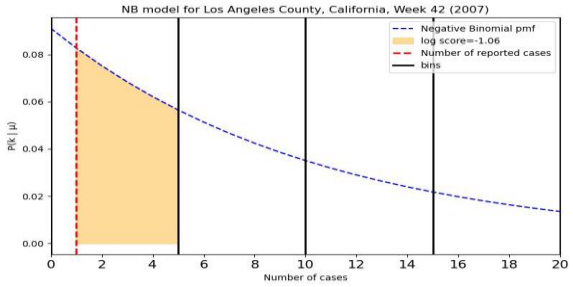

NB model for Los Angeles County, California, Week 35 (2007)
Negative Binomial pmf
log score=-0.64
Number of reported cases
bins
P(k | μ)
Number of cases

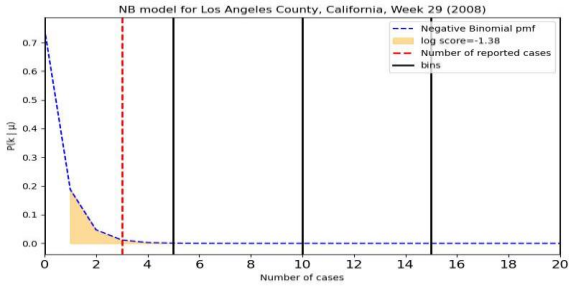

NB model for Los Angeles County, California, Week 36 (2007)
Negative Binomial pmf
log score=-0.75
Number of reported cases
bins
P(k | μ)
Number of cases

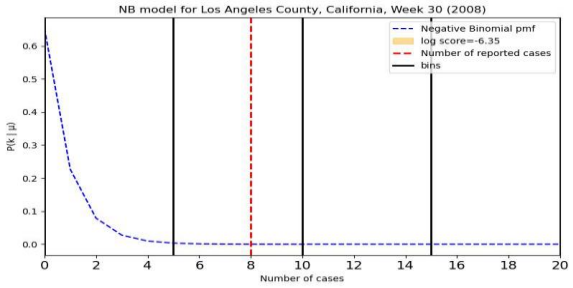

NB model for Los Angeles County, California, Week 38 (2007)
Negative Binomial pmf
log score=-2.07
Number of reported cases
bins
P(k | μ)
Number of cases

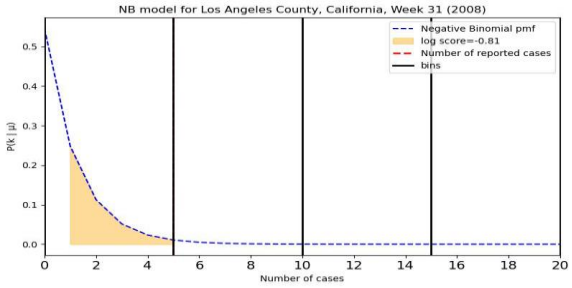

NB model for Los Angeles County, California, Week 39 (2007)
Negative Binomial pmf
log score=-1.53
Number of reported cases
bins
P(k | μ)
Number of cases

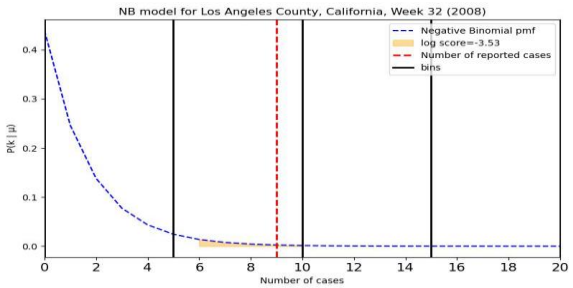

NB model for Los Angeles County, California, Week 40 (2007)
Negative Binomial pmf
log score=-1.09
Number of reported cases
bins
P(k | μ)
Number of cases

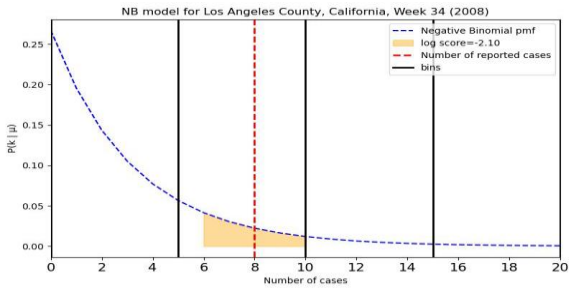

NB model for Los Angeles County, California, Week 42 (2007)
Negative Binomial pmf
log score=-1.06
Number of reported cases
bins
P(k | μ)
Number of cases

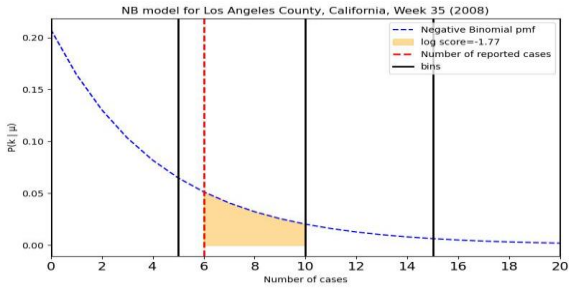

NB model for Los Angeles County, California, Week 29 (2008)
Negative Binomial pmf
log score=-1.38
Number of reported cases
bins
P(k | μ)
Number of cases

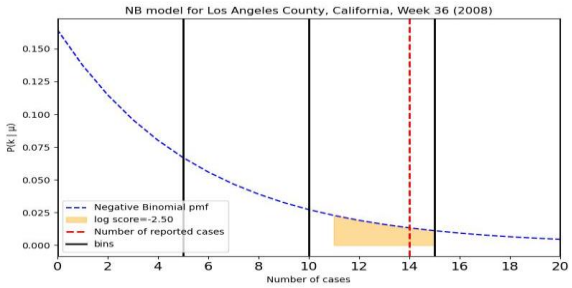

NB model for Los Angeles County, California, Week 30 (2008)
Negative Binomial pmf
log score=-6.35
Number of reported cases
bins
P(k | μ)
Number of cases

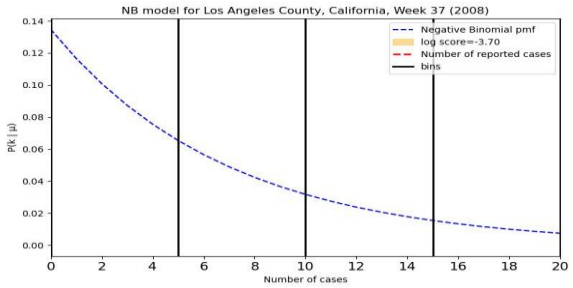

NB model for Los Angeles County, California, Week 31 (2008)
Negative Binomial pmf
log score=-0.81
Number of reported cases
bins
P(k | μ)
Number of cases

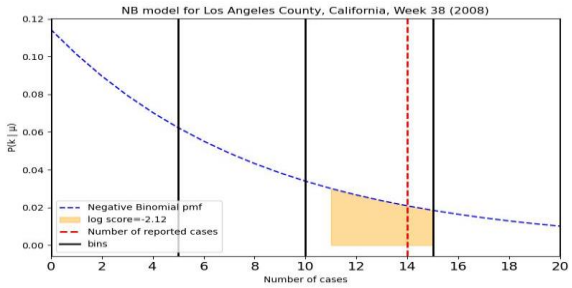

NB model for Los Angeles County, California, Week 32 (2008)
Negative Binomial pmf
log score=-3.53
Number of reported cases
bins
P(k | μ)
Number of cases

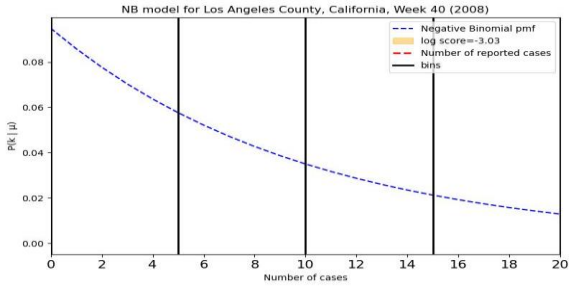

NB model for Los Angeles County, California, Week 34 (2008)
Negative Binomial pmf
log score=-2.10
Number of reported cases
bins
P(k | μ)
Number of cases

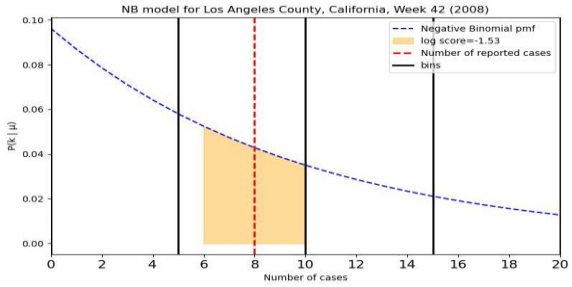

NB model for Los Angeles County, California, Week 35 (2008)
Negative Binomial pmf
log score=-1.77
Number of reported cases
bins
P(k | μ)
Number of cases

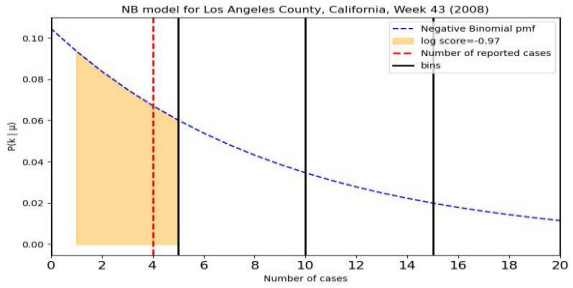

NB model for Los Angeles County, California, Week 36 (2008)
Negative Binomial pmf
log score=-2.50
Number of reported cases
bins
P(k | μ)
Number of cases

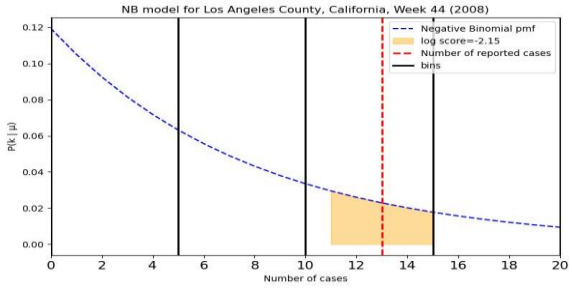

NB model for Los Angeles County, California, Week 37 (2008)
Negative Binomial pmf
log score=-3.70
Number of reported cases
bins
P(k | μ)
Number of cases

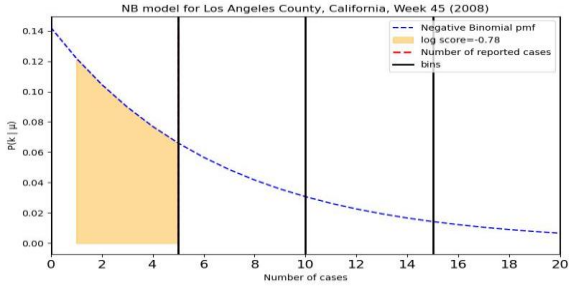

NB model for Los Angeles County, California, Week 38 (2008)
Negative Binomial pmf
log score=-2.12
Number of reported cases
bins
P(k | μ)
Number of cases

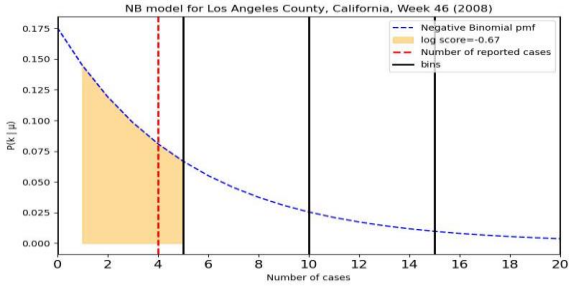

NB model for Los Angeles County, California, Week 40 (2008)
Negative Binomial pmf
log score=-3.03
Number of reported cases
bins
P(k | μ)
Number of cases

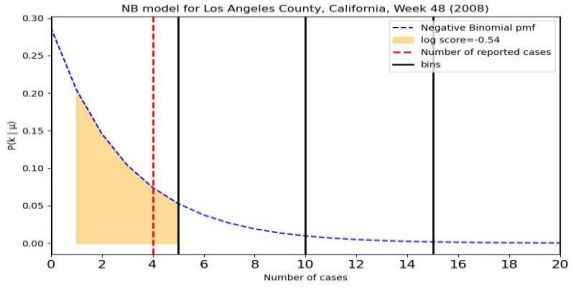

NB model for Los Angeles County, California, Week 42 (2008)
Negative Binomial pmf
log score=-1.53
Number of reported cases
bins
P(k | μ)
Number of cases

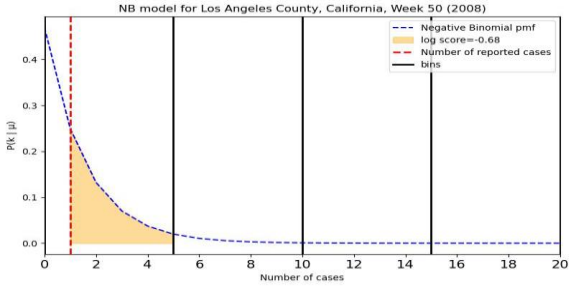

NB model for Los Angeles County, California, Week 43 (2008)
Negative Binomial pmf
log score=-0.97
Number of reported cases
bins
P(k | μ)
Number of cases

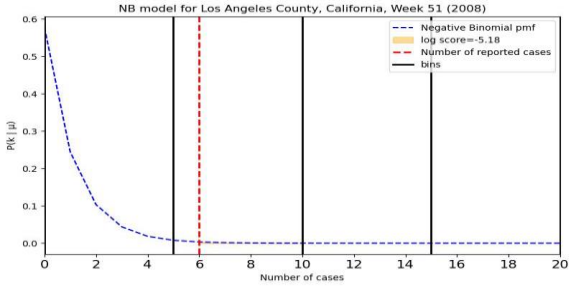

NB model for Los Angeles County, California, Week 44 (2008)
Negative Binomial pmf
log score=-2.15
Number of reported cases
bins
P(k | μ)
Number of cases

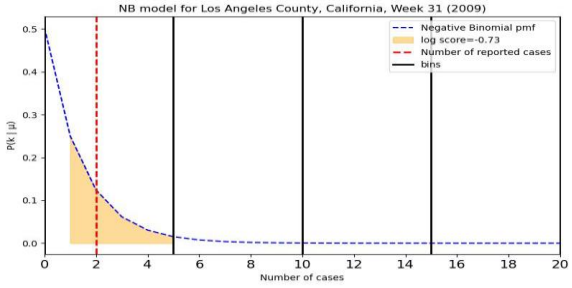

NB model for Los Angeles County, California, Week 45 (2008)
Negative Binomial pmf
log score=-0.78
Number of reported cases
bins
P(k | μ)
Number of cases

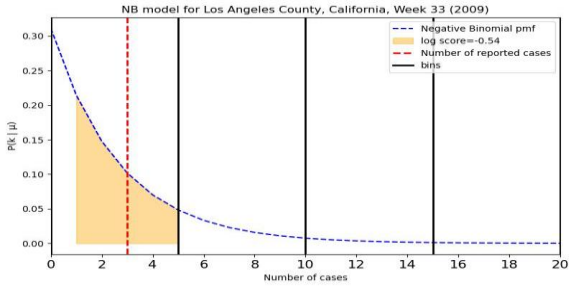

NB model for Los Angeles County, California, Week 46 (2008)
Negative Binomial pmf
log score=-0.67
Number of reported cases
bins
P(k | μ)
Number of cases

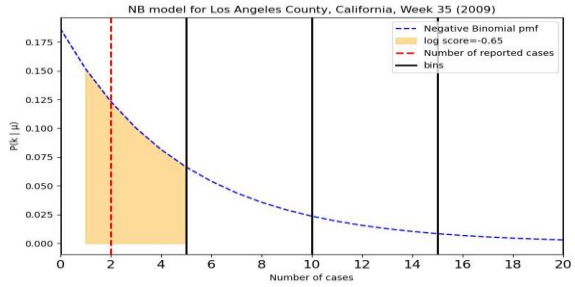

NB model for Los Angeles County, California, Week 48 (2008)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

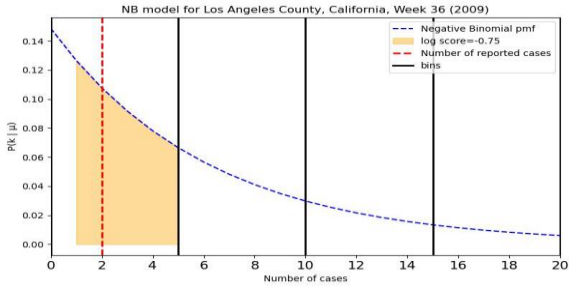

NB model for Los Angeles County, California, Week 50 (2008)
Negative Binomial pmf
log score=-0.68
Number of reported cases
bins
P(k | μ)
Number of cases

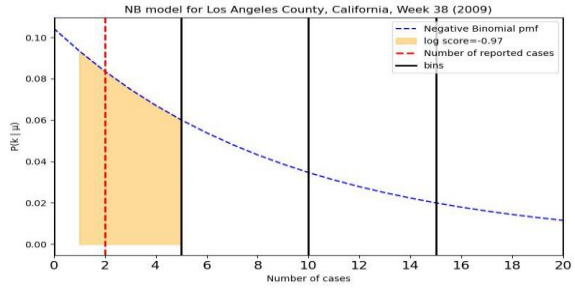

NB model for Los Angeles County, California, Week 51 (2008)
Negative Binomial pmf
log score=-5.18
Number of reported cases
bins
P(k | μ)
Number of cases

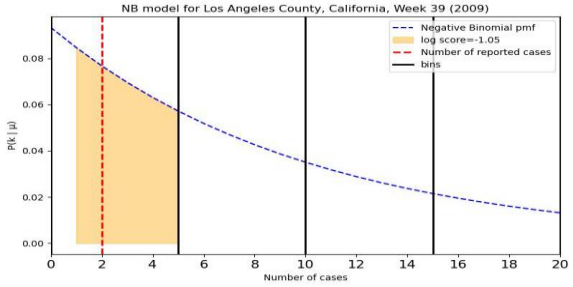

NB model for Los Angeles County, California, Week 31 (2009)
Negative Binomial pmf
log score=-0.73
Number of reported cases
bins
P(k | μ)
Number of cases

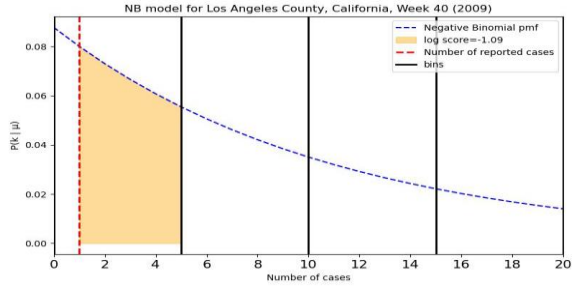

NB model for Los Angeles County, California, Week 33 (2009)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

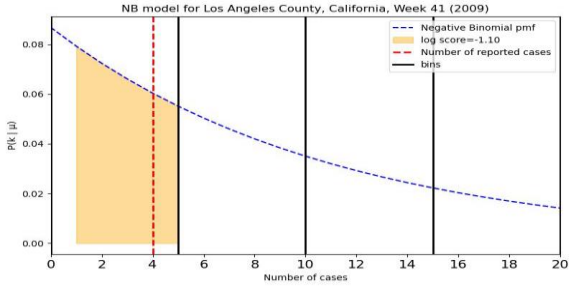

NB model for Los Angeles County, California, Week 35 (2009)
Negative Binomial pmf
log score=-0.65
Number of reported cases
bins
P(k | μ)
Number of cases

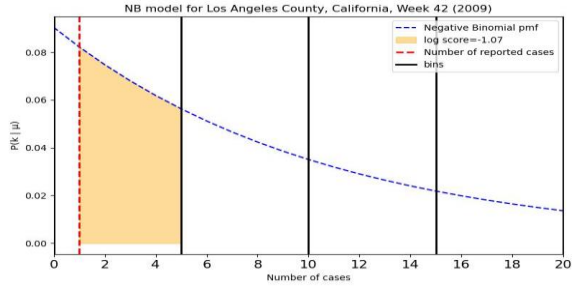

NB model for Los Angeles County, California, Week 36 (2009)
Negative Binomial pmf
log score=-0.75
Number of reported cases
bins
P(k | μ)
Number of cases

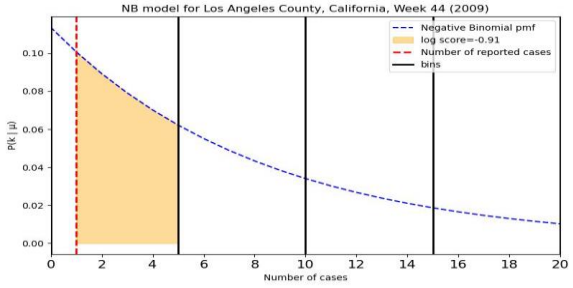

NB model for Los Angeles County, California, Week 38 (2009)
Negative Binomial pmf
log score=-0.97
Number of reported cases
bins
P(k | μ)
Number of cases

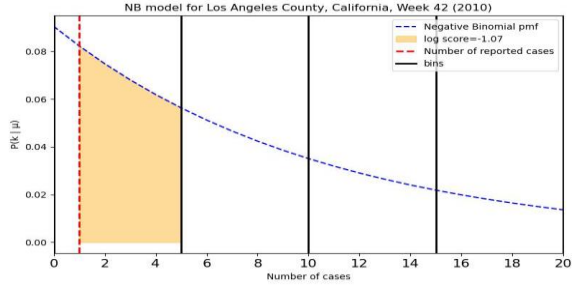

NB model for Los Angeles County, California, Week 39 (2009)
Negative Binomial pmf
log score=-1.05
Number of reported cases
bins
P(k | μ)
Number of cases

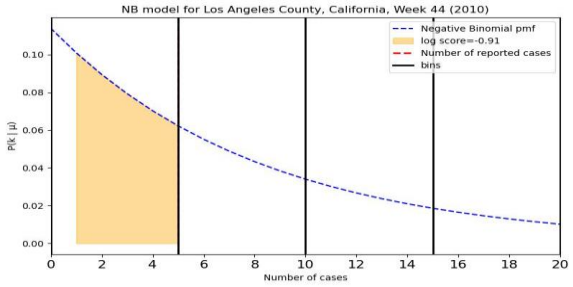

NB model for Los Angeles County, California, Week 40 (2009)
Negative Binomial pmf
log score=-1.09
Number of reported cases
bins
P(k | μ)
Number of cases

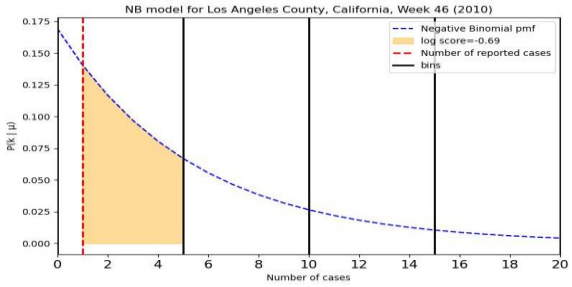

NB model for Los Angeles County, California, Week 41 (2009)
Negative Binomial pmf
log score=-1.10
Number of reported cases
bins
P(k | μ)
Number of cases

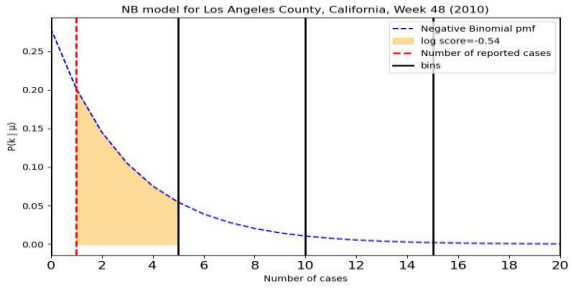

NB model for Los Angeles County, California, Week 42 (2009)
Negative Binomial pmf
log score=-1.07
Number of reported cases
bins
P(k | μ)
Number of cases

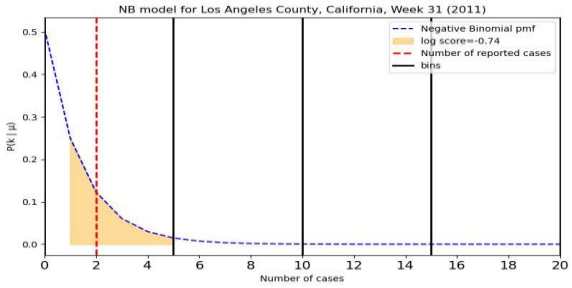

NB model for Los Angeles County, California, Week 44 (2009)
Negative Binomial pmf
log score=-0.91
Number of reported cases
bins
P(k | μ)
Number of cases

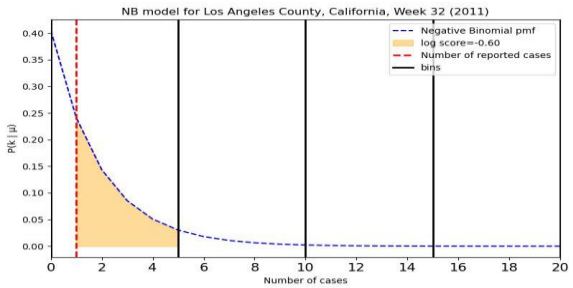

NB model for Los Angeles County, California, Week 42 (2010)
Negative Binomial pmf
log score=-1.07
Number of reported cases
bins
P(k | μ)
Number of cases

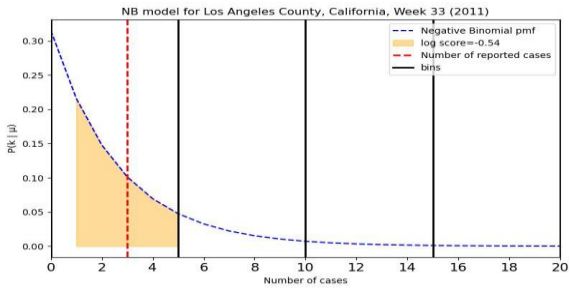

NB model for Los Angeles County, California, Week 44 (2010)
Negative Binomial pmf
log score=-0.91
Number of reported cases
bins
P(k | μ)
Number of cases

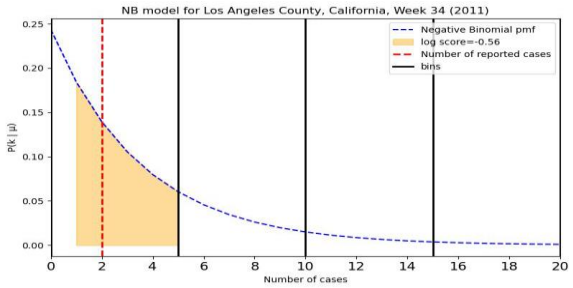

NB model for Los Angeles County, California, Week 46 (2010)
Negative Binomial pmf
log score=-0.69
Number of reported cases
bins
P(k | μ)
Number of cases

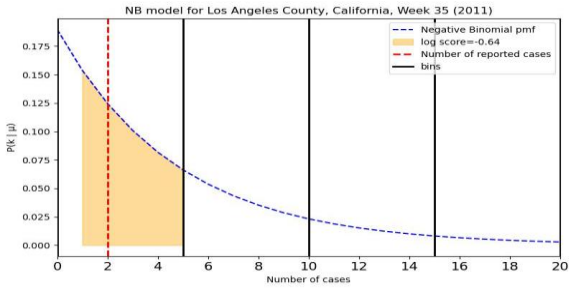

NB model for Los Angeles County, California, Week 48 (2010)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

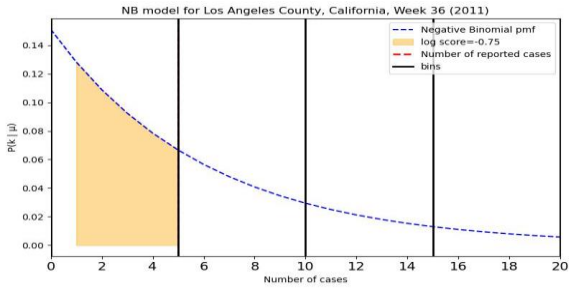

NB model for Los Angeles County, California, Week 31 (2011)
Negative Binomial pmf
log score=-0.74
Number of reported cases
bins
P(k | μ)
Number of cases

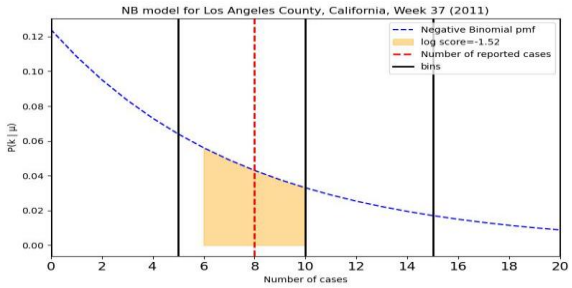

NB model for Los Angeles County, California, Week 32 (2011)
Negative Binomial pmf
log score=-0.60
Number of reported cases
bins
P(k | μ)
Number of cases

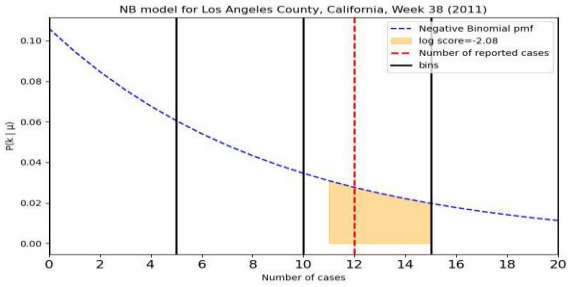

NB model for Los Angeles County, California, Week 33 (2011)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

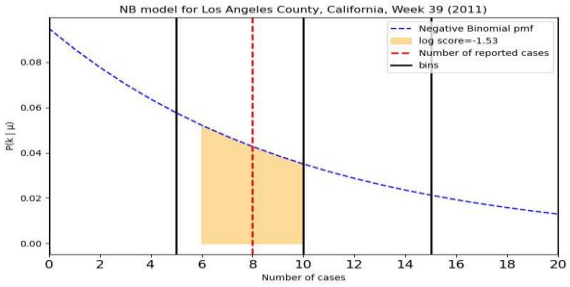

NB model for Los Angeles County, California, Week 34 (2011)
Negative Binomial pmf
log score=-0.56
Number of reported cases
bins
P(k | μ)
Number of cases

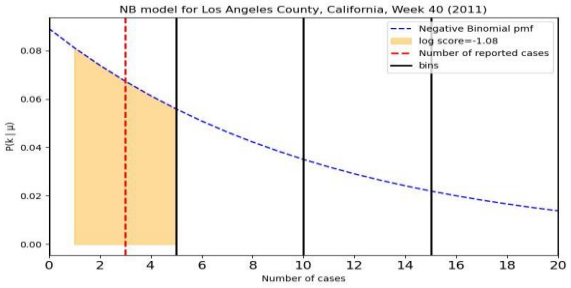

NB model for Los Angeles County, California, Week 35 (2011)
Negative Binomial pmf
log score=-0.64
Number of reported cases
bins
P(k | μ)
Number of cases

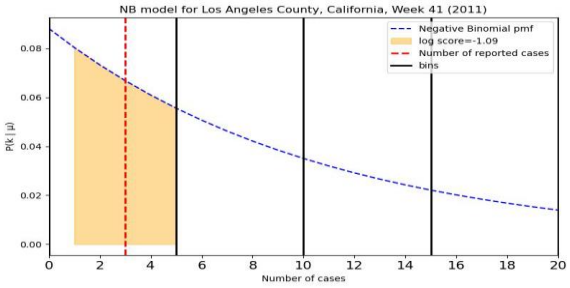

NB model for Los Angeles County, California, Week 36 (2011)
Negative Binomial pmf
log score=-0.75
Number of reported cases
bins
P(k | μ)
Number of cases

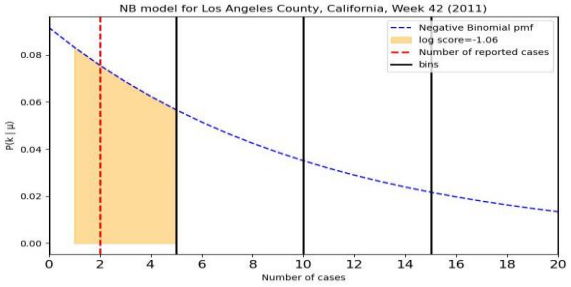

NB model for Los Angeles County, California, Week 37 (2011)
Negative Binomial pmf
log score=-1.52
Number of reported cases
bins
P(k | μ)
Number of cases

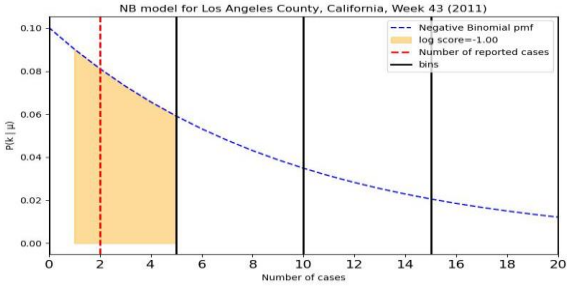

NB model for Los Angeles County, California, Week 38 (2011)
Negative Binomial pmf
log score=-2.08
Number of reported cases
bins
P(k | μ)
Number of cases

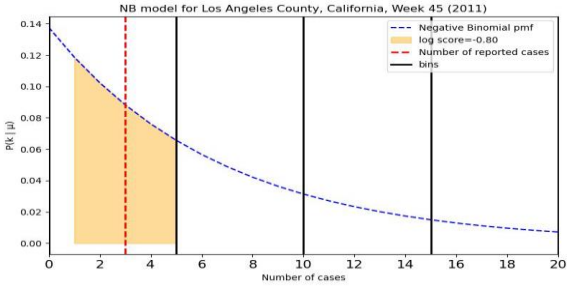

NB model for Los Angeles County, California, Week 39 (2011)
Negative Binomial pmf
log score=-1.53
Number of reported cases
bins
P(k | μ)
Number of cases

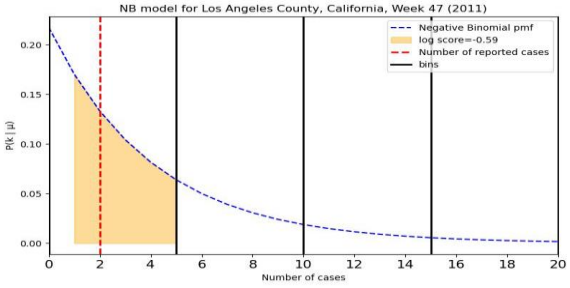

NB model for Los Angeles County, California, Week 40 (2011)
Negative Binomial pmf
log score=-1.08
Number of reported cases
bins
P(k | μ)
Number of cases

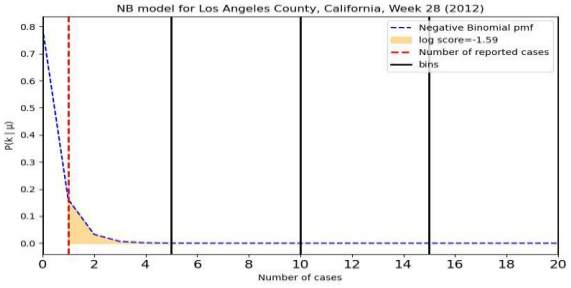

NB model for Los Angeles County, California, Week 41 (2011)
Negative Binomial pmf
log score=-1.09
Number of reported cases
bins
P(k | μ)
Number of cases

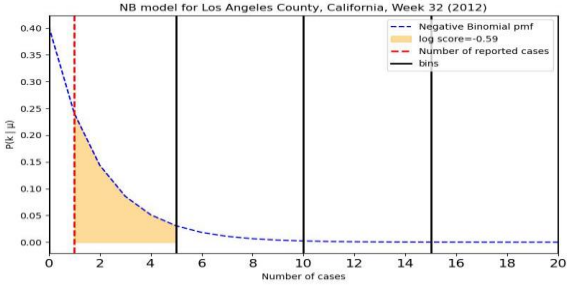

NB model for Los Angeles County, California, Week 42 (2011)
Negative Binomial pmf
log score=-1.06
Number of reported cases
bins
P(k | μ)
Number of cases

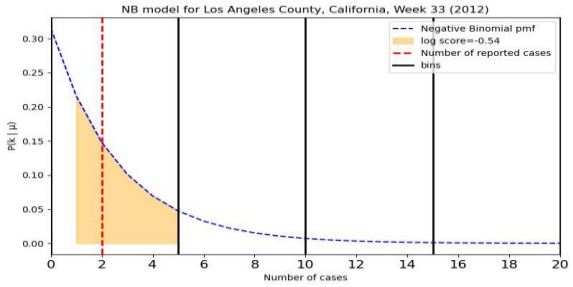

NB model for Los Angeles County, California, Week 43 (2011)
Negative Binomial pmf
log score=-1.00
Number of reported cases
bins
P(k | μ)
Number of cases

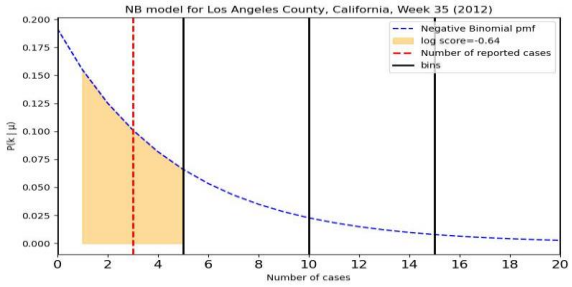

NB model for Los Angeles County, California, Week 45 (2011)
Negative Binomial pmf
log score=-0.80
Number of reported cases
bins
P(k | μ)
Number of cases

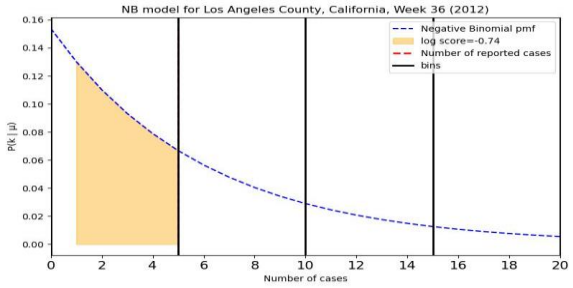

NB model for Los Angeles County, California, Week 47 (2011)
Negative Binomial pmf
log score=-0.59
Number of reported cases
bins
P(k | μ)
Number of cases

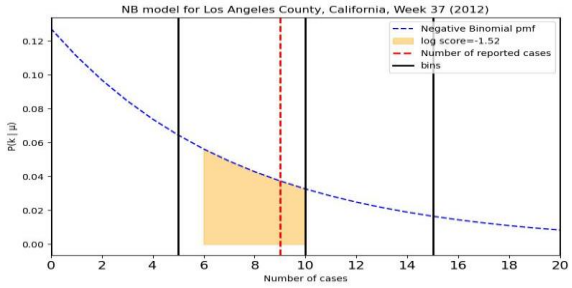

NB model for Los Angeles County, California, Week 28 (2012)
Negative Binomial pmf
log score=-1.59
Number of reported cases
bins
P(k | μ)
Number of cases

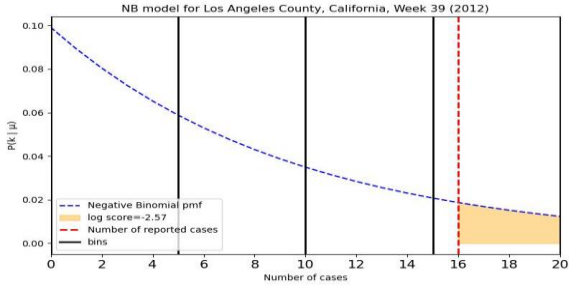

NB model for Los Angeles County, California, Week 32 (2012)
Negative Binomial pmf
log score=-0.59
Number of reported cases
bins
P(k | μ)
Number of cases

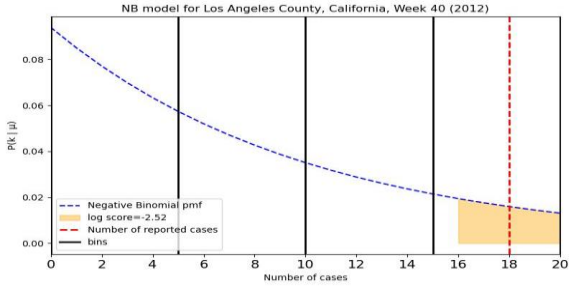

NB model for Los Angeles County, California, Week 33 (2012)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

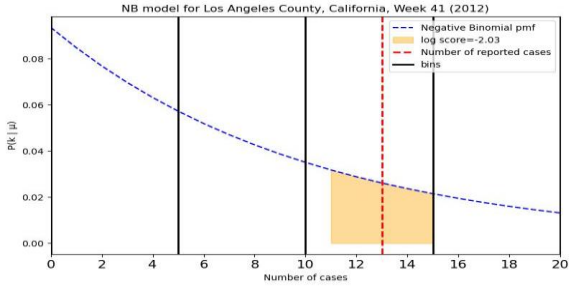

NB model for Los Angeles County, California, Week 35 (2012)
Negative Binomial pmf
log score=-0.64
Number of reported cases
bins
P(k | μ)
Number of cases

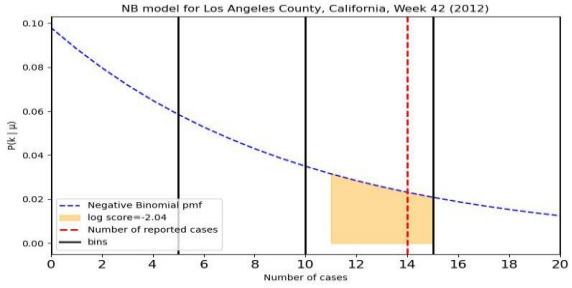

NB model for Los Angeles County, California, Week 36 (2012)
Negative Binomial pmf
log score=-0.74
Number of reported cases
bins
P(k | μ)
Number of cases

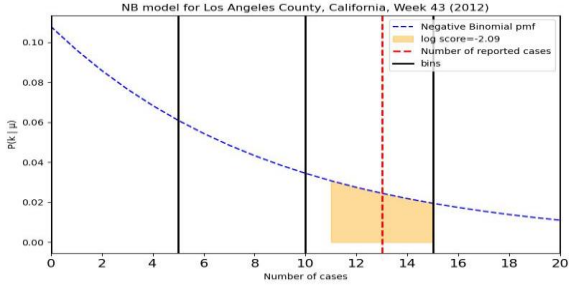

NB model for Los Angeles County, California, Week 37 (2012)
Negative Binomial pmf
log score=-1.52
Number of reported cases
bins
P(k | μ)
Number of cases

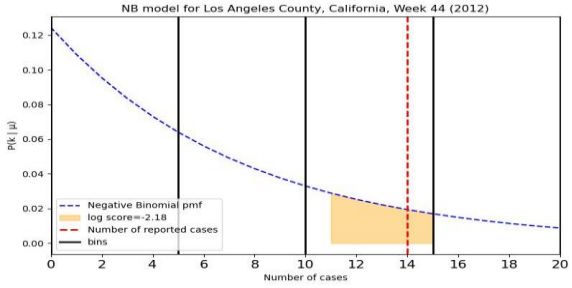

NB model for Los Angeles County, California, Week 39 (2012)
Negative Binomial pmf
log score=-2.57
Number of reported cases
bins
P(k | μ)
Number of cases

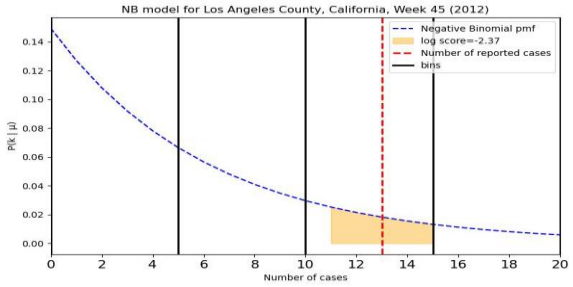

NB model for Los Angeles County, California, Week 40 (2012)
Negative Binomial pmf
log score=-2.52
Number of reported cases
bins
P(k | μ)
Number of cases

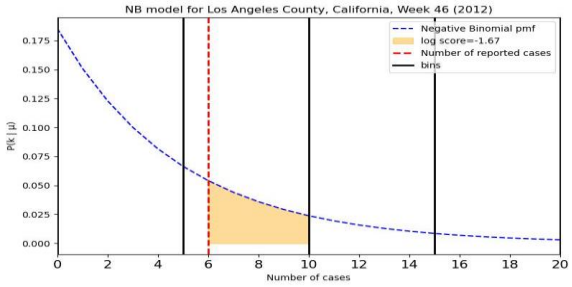

NB model for Los Angeles County, California, Week 41 (2012)
Negative Binomial pmf
log score=-2.03
Number of reported cases
bins
P(k | μ)
Number of cases

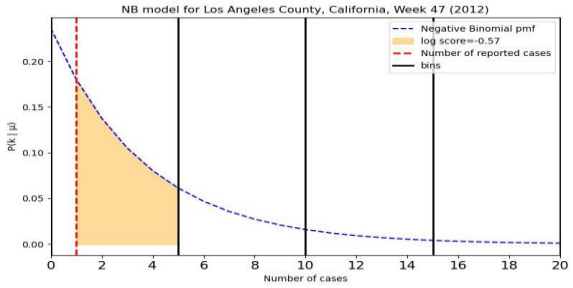

NB model for Los Angeles County, California, Week 42 (2012)
Negative Binomial pmf
log score=-2.04
Number of reported cases
bins
P(k | μ)
Number of cases

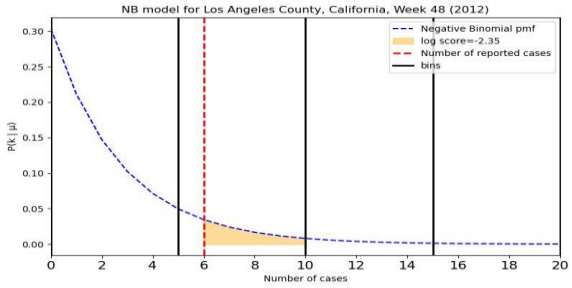

NB model for Los Angeles County, California, Week 43 (2012)
Negative Binomial pmf
log score=-2.09
Number of reported cases
bins
P(k | μ)
Number of cases

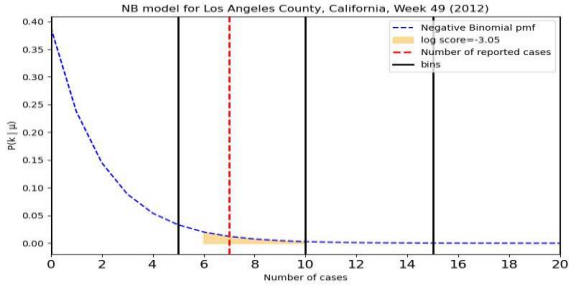

NB model for Los Angeles County, California, Week 44 (2012)
Negative Binomial pmf
log score=-2.18
Number of reported cases
bins
P(k | μ)
Number of cases

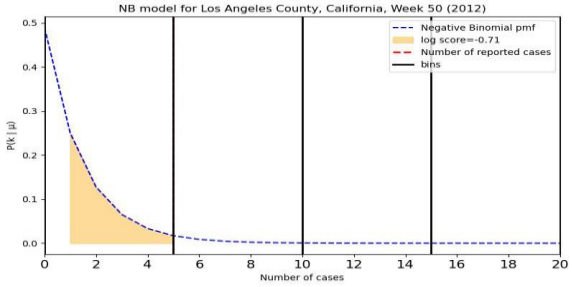

NB model for Los Angeles County, California, Week 45 (2012)
Negative Binomial pmf
log score=-2.37
Number of reported cases
bins
P(k | μ)
Number of cases

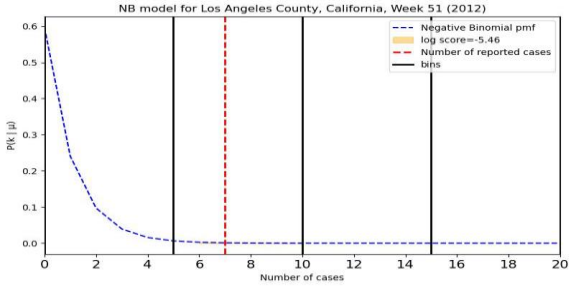

NB model for Los Angeles County, California, Week 46 (2012)
Negative Binomial pmf
log score=-1.67
Number of reported cases
bins
P(k | μ)
Number of cases

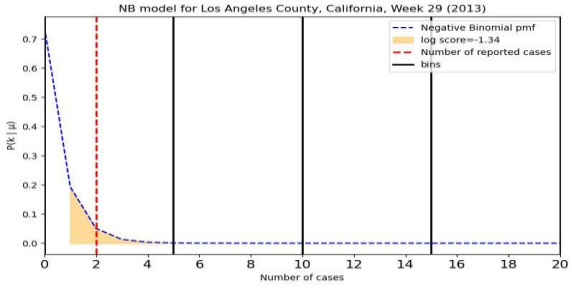

NB model for Los Angeles County, California, Week 47 (2012)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

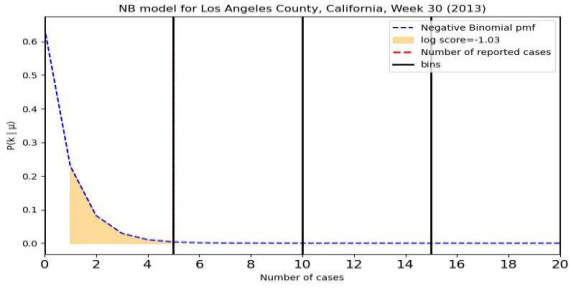

NB model for Los Angeles County, California, Week 48 (2012)
Negative Binomial pmf
log score=-2.35
Number of reported cases
bins
P(k | μ)
Number of cases

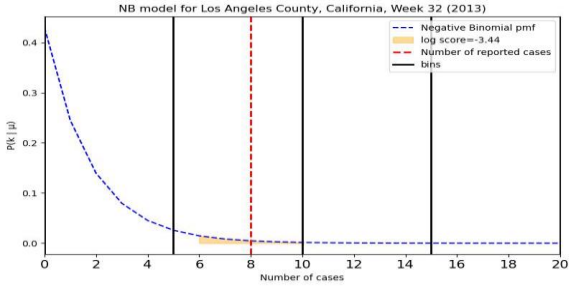

NB model for Los Angeles County, California, Week 49 (2012)
Negative Binomial pmf
log score=-3.05
Number of reported cases
bins
P(k | μ)
Number of cases

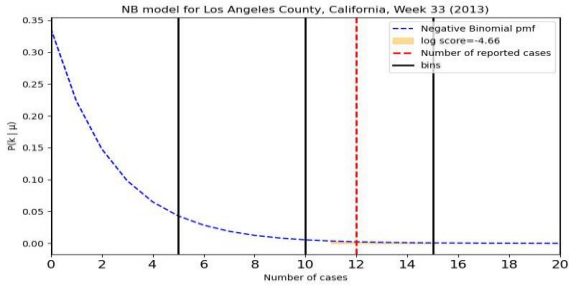

NB model for Los Angeles County, California, Week 50 (2012)
Negative Binomial pmf
log score=-0.71
Number of reported cases
bins
P(k | μ)
Number of cases

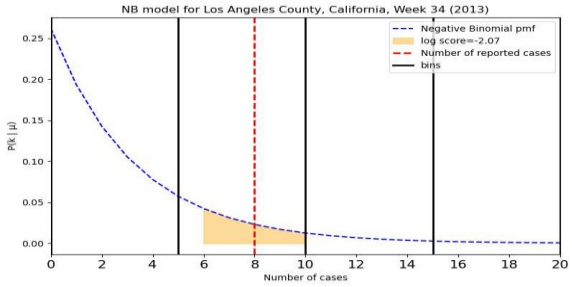

NB model for Los Angeles County, California, Week 51 (2012)
Negative Binomial pmf
log score=-5.46
Number of reported cases
bins
P(k | μ)
Number of cases

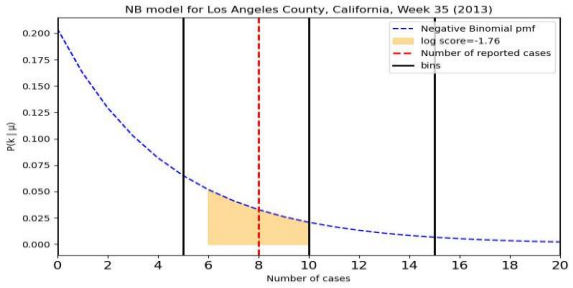

NB model for Los Angeles County, California, Week 29 (2013)
Negative Binomial pmf
log score=-1.34
Number of reported cases
bins
P(k | μ)
Number of cases

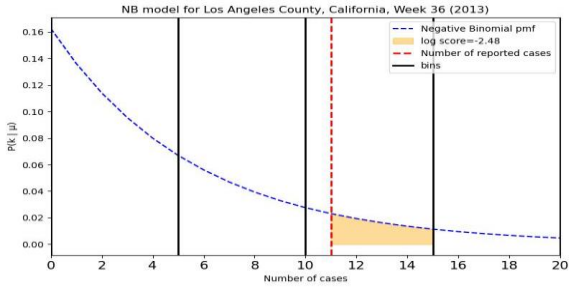

NB model for Los Angeles County, California, Week 30 (2013)
Negative Binomial pmf
log score=-1.03
Number of reported cases
bins
P(k | μ)
Number of cases

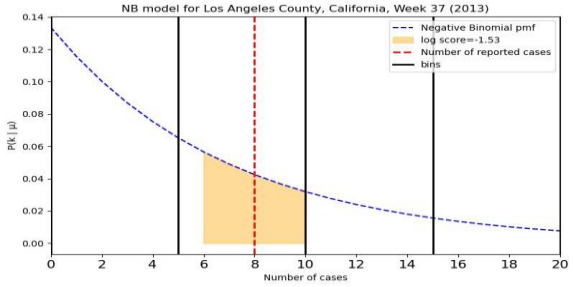

NB model for Los Angeles County, California, Week 32 (2013)
Negative Binomial pmf
log score=-3.44
Number of reported cases
bins
P(k | μ)
Number of cases

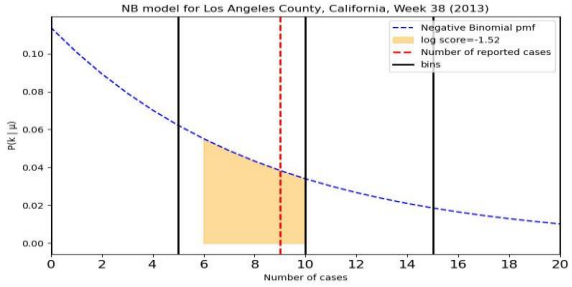

NB model for Los Angeles County, California, Week 33 (2013)
Negative Binomial pmf
log score=-4.66
Number of reported cases
bins
P(k | μ)
Number of cases

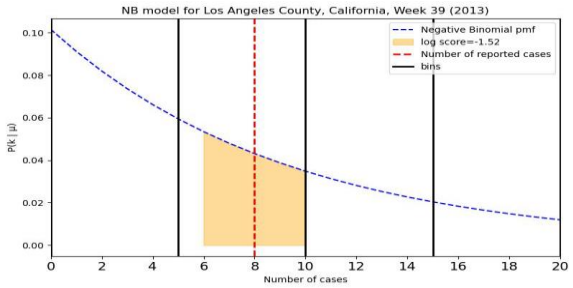

NB model for Los Angeles County, California, Week 34 (2013)
Negative Binomial pmf
log score=-2.07
Number of reported cases
bins
P(k | μ)
Number of cases

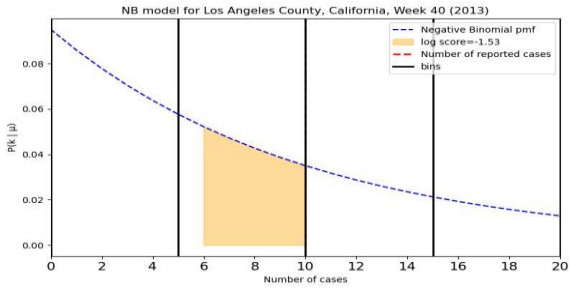

NB model for Los Angeles County, California, Week 35 (2013)
Negative Binomial pmf
log score=-1.76
Number of reported cases
bins
P(k | μ)
Number of cases

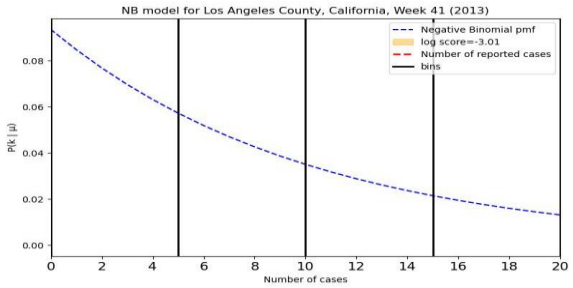

NB model for Los Angeles County, California, Week 36 (2013)
Negative Binomial pmf
log score=-2.48
Number of reported cases
bins
P(k | μ)
Number of cases

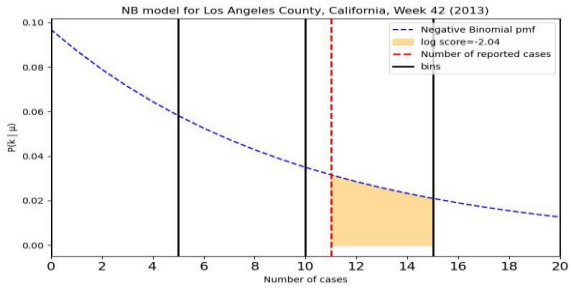

NB model for Los Angeles County, California, Week 37 (2013)
Negative Binomial pmf
log score=-1.53
Number of reported cases
bins
P(k | μ)
Number of cases

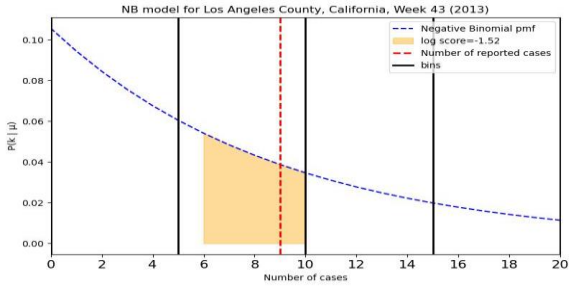

NB model for Los Angeles County, California, Week 38 (2013)
Negative Binomial pmf
log score=-1.52
Number of reported cases
bins
P(k | μ)
Number of cases

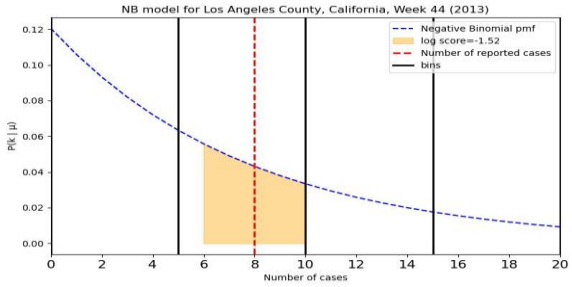

NB model for Los Angeles County, California, Week 39 (2013)
Negative Binomial pmf
log score=-1.52
Number of reported cases
bins
P(k | μ)
Number of cases

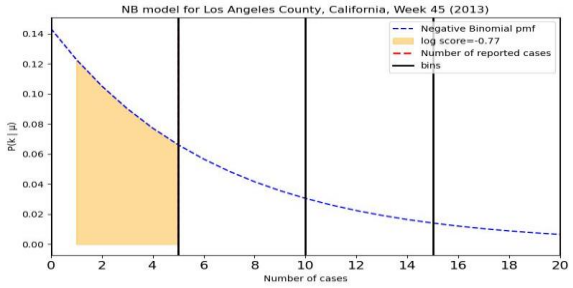

NB model for Los Angeles County, California, Week 40 (2013)
Negative Binomial pmf
log score=-1.53
Number of reported cases
bins
P(k | μ)
Number of cases

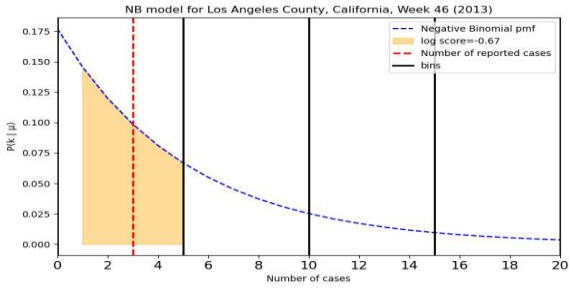

NB model for Los Angeles County, California, Week 41 (2013)
Negative Binomial pmf
log score=-3.01
Number of reported cases
bins
P(k | μ)
Number of cases

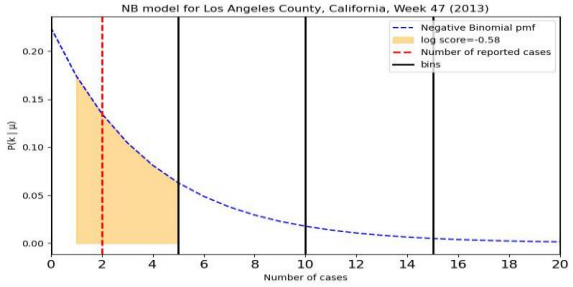

NB model for Los Angeles County, California, Week 42 (2013)
Negative Binomial pmf
log score=-2.04
Number of reported cases
bins
P(k | μ)
Number of cases

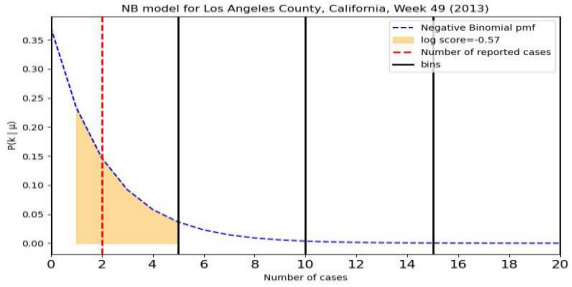

NB model for Los Angeles County, California, Week 43 (2013)
Negative Binomial pmf
log score=-1.52
Number of reported cases
bins
P(k | μ)
Number of cases

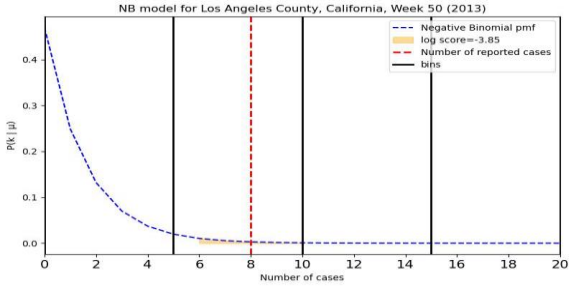

NB model for Los Angeles County, California, Week 44 (2013)
Negative Binomial pmf
log score=-1.52
Number of reported cases
bins
P(k | μ)
Number of cases

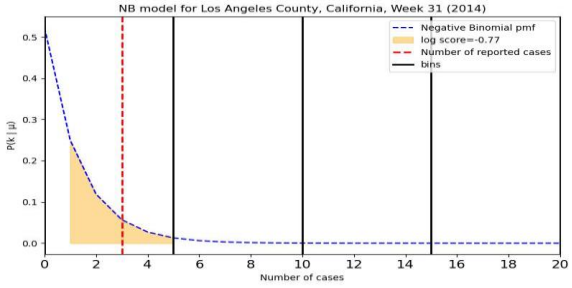

NB model for Los Angeles County, California, Week 45 (2013)
Negative Binomial pmf
log score=-0.77
Number of reported cases
bins
P(k | μ)
Number of cases

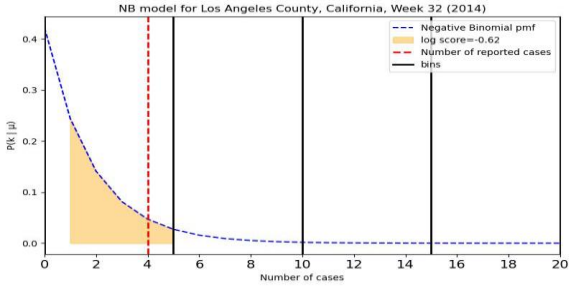

NB model for Los Angeles County, California, Week 46 (2013)
Negative Binomial pmf
log score=-0.67
Number of reported cases
bins
P(k | μ)
Number of cases

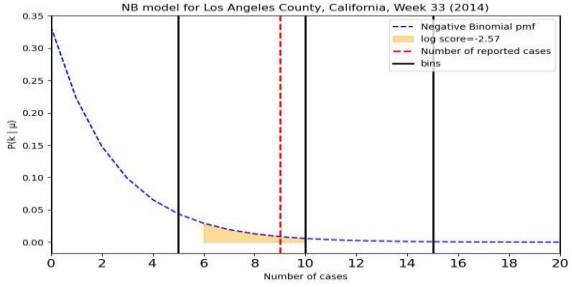

NB model for Los Angeles County, California, Week 47 (2013)
Negative Binomial pmf
log score=-0.58
Number of reported cases
bins
P(k | μ)
Number of cases

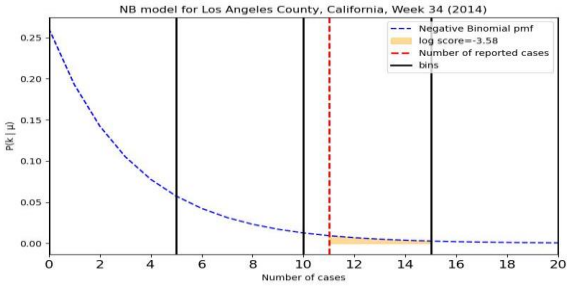

NB model for Los Angeles County, California, Week 49 (2013)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

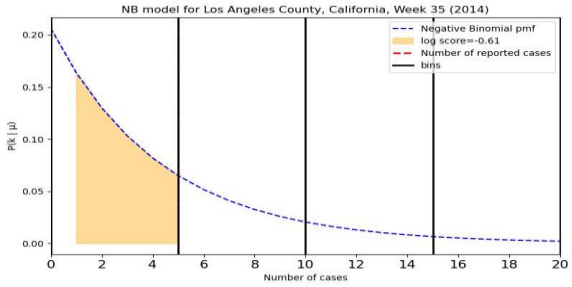

NB model for Los Angeles County, California, Week 50 (2013)
Negative Binomial pmf
log score=-3.85
Number of reported cases
bins
P(k | μ)
Number of cases

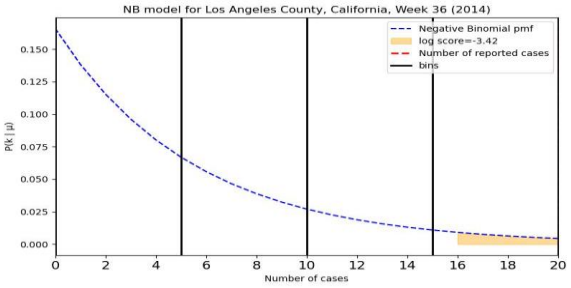

NB model for Los Angeles County, California, Week 31 (2014)
Negative Binomial pmf
log score=-0.77
Number of reported cases
bins
P(k | μ)
Number of cases

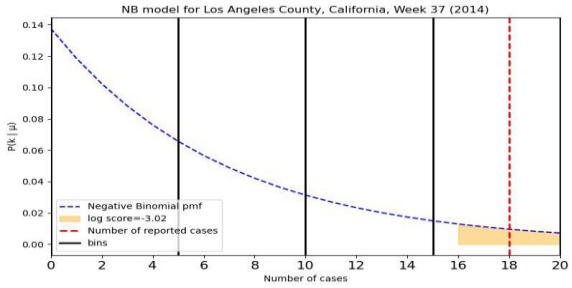

NB model for Los Angeles County, California, Week 32 (2014)
Negative Binomial pmf
log score=-0.62
Number of reported cases
bins
P(k | μ)
Number of cases

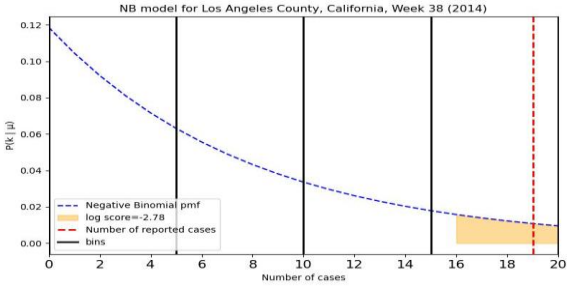

NB model for Los Angeles County, California, Week 33 (2014)
Negative Binomial pmf
log score=-2.57
Number of reported cases
bins
P(k | μ)
Number of cases

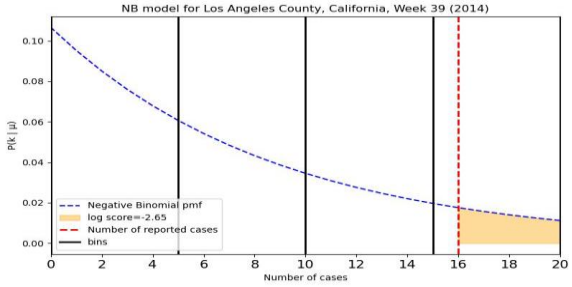

NB model for Los Angeles County, California, Week 34 (2014)
Negative Binomial pmf
log score=-3.58
Number of reported cases
bins
P(k | μ)
Number of cases

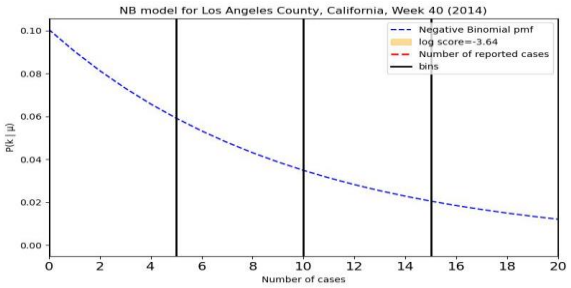

NB model for Los Angeles County, California, Week 35 (2014)
Negative Binomial pmf
log score=-0.61
Number of reported cases
bins
P(k | μ)
Number of cases

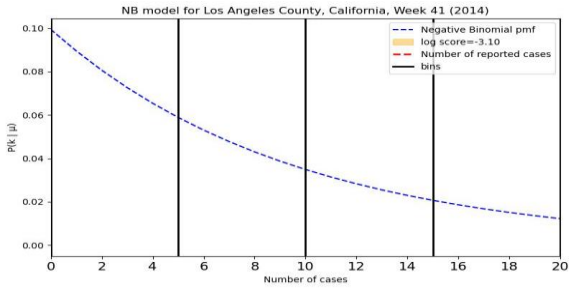

NB model for Los Angeles County, California, Week 36 (2014)
Negative Binomial pmf
log score=-3.42
Number of reported cases
bins
P(k | μ)
Number of cases

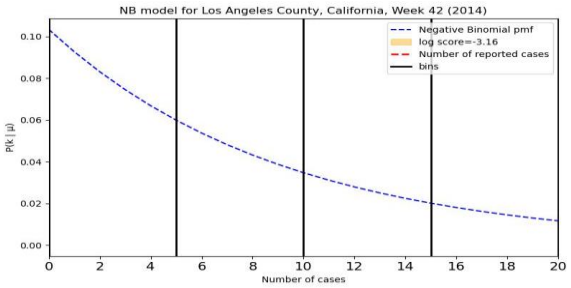

NB model for Los Angeles County, California, Week 37 (2014)
Negative Binomial pmf
log score=-3.02
Number of reported cases
bins
P(k | μ)
Number of cases

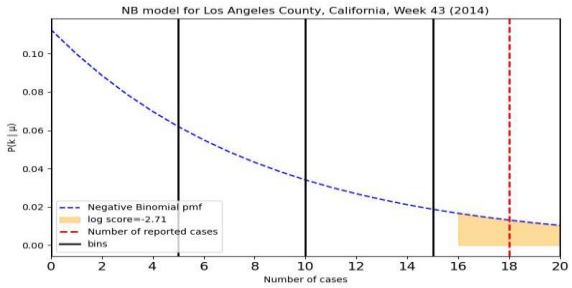

NB model for Los Angeles County, California, Week 38 (2014)
Negative Binomial pmf
log score=-2.78
Number of reported cases
bins
P(k | μ)
Number of cases

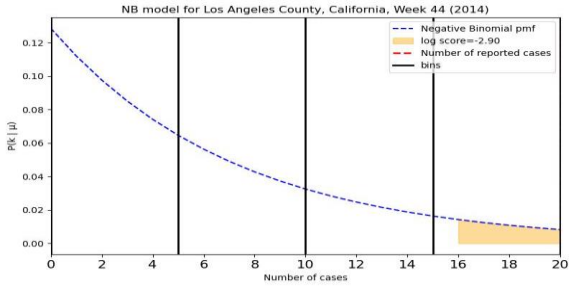

NB model for Los Angeles County, California, Week 39 (2014)
Negative Binomial pmf
log score=-2.65
Number of reported cases
bins
P(k | μ)
Number of cases

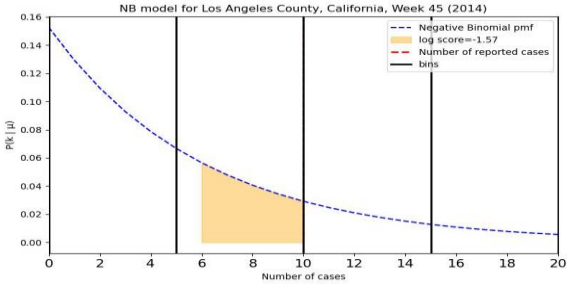

NB model for Los Angeles County, California, Week 40 (2014)
Negative Binomial pmf
log score=-3.64
Number of reported cases
bins
P(k | μ)
Number of cases

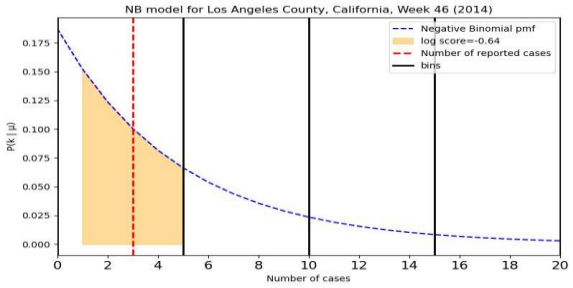

NB model for Los Angeles County, California, Week 41 (2014)
Negative Binomial pmf
log score=-3.10
Number of reported cases
bins
P(k | μ)
Number of cases

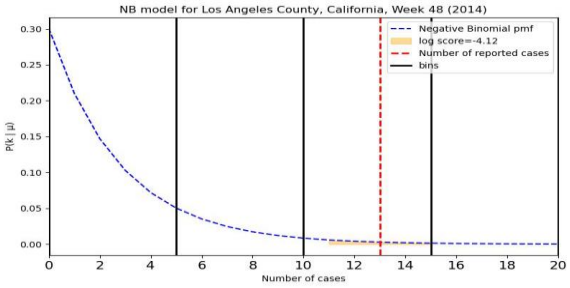

NB model for Los Angeles County, California, Week 42 (2014)
Negative Binomial pmf
log score=-3.16
Number of reported cases
bins
P(k | μ)
Number of cases

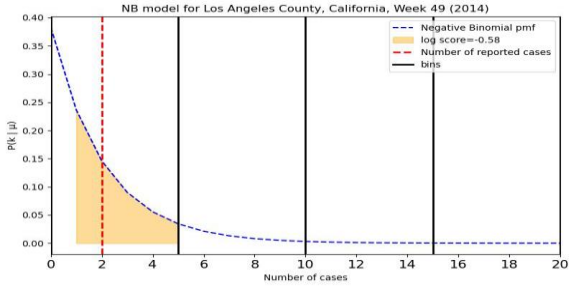

NB model for Los Angeles County, California, Week 43 (2014)
Negative Binomial pmf
log score=-2.71
Number of reported cases
bins
P(k | μ)
Number of cases

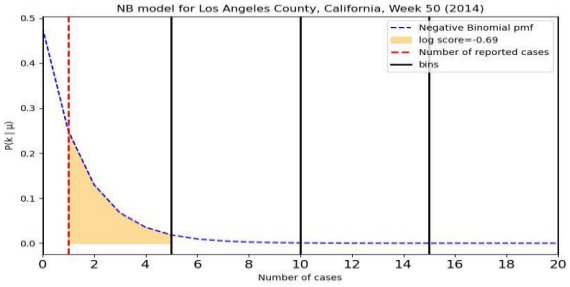

NB model for Los Angeles County, California, Week 44 (2014)
Negative Binomial pmf
log score=-2.90
Number of reported cases
bins
P(k | μ)
Number of cases

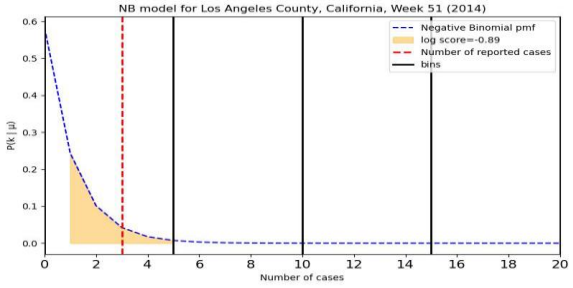

NB model for Los Angeles County, California, Week 45 (2014)
Negative Binomial pmf
log score=-1.57
Number of reported cases
bins
P(k | μ)
Number of cases

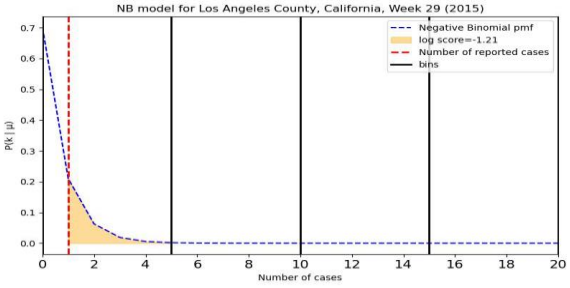

NB model for Los Angeles County, California, Week 46 (2014)
Negative Binomial pmf
log score=-0.64
Number of reported cases
bins
P(k | μ)
Number of cases

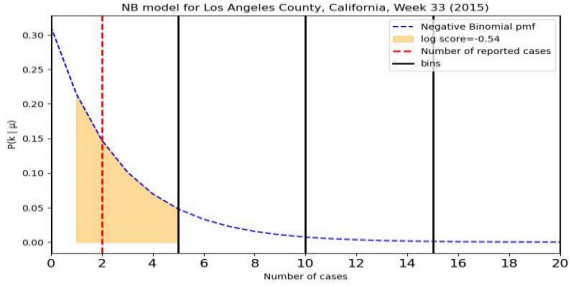

NB model for Los Angeles County, California, Week 48 (2014)
Negative Binomial pmf
log score=-4.12
Number of reported cases
bins
P(k | μ)
Number of cases

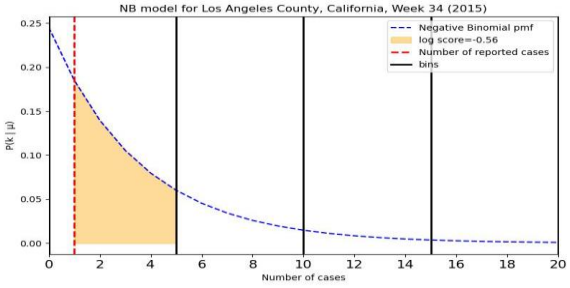

NB model for Los Angeles County, California, Week 49 (2014)
Negative Binomial pmf
log score=-0.58
Number of reported cases
bins
P(k | μ)
Number of cases

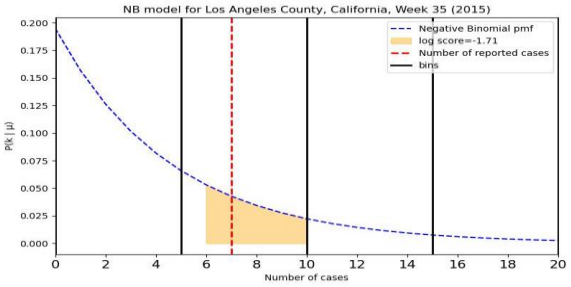

NB model for Los Angeles County, California, Week 50 (2014)
Negative Binomial pmf
log score=-0.69
Number of reported cases
bins
P(k | μ)
Number of cases

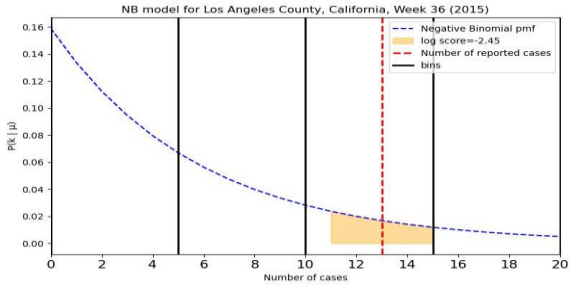

NB model for Los Angeles County, California, Week 51 (2014)
Negative Binomial pmf
log score=-0.89
Number of reported cases
bins
P(k | μ)
Number of cases

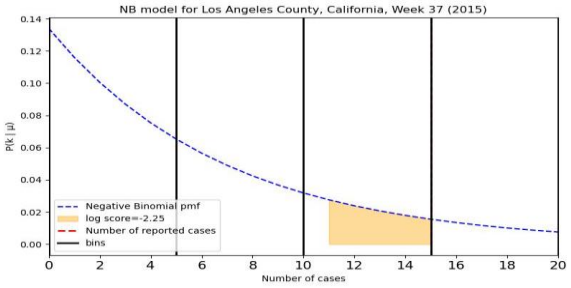

NB model for Los Angeles County, California, Week 29 (2015)
Negative Binomial pmf
log score=-1.21
Number of reported cases
bins
P(k | μ)
Number of cases

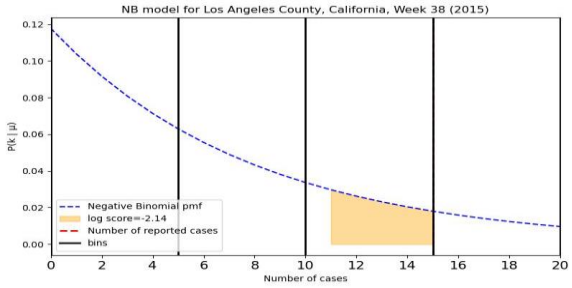

NB model for Los Angeles County, California, Week 33 (2015)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

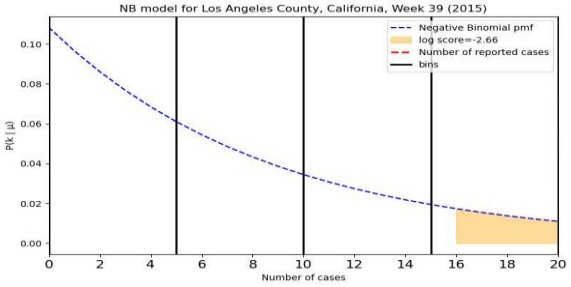

NB model for Los Angeles County, California, Week 34 (2015)
Negative Binomial pmf
log score=-0.56
Number of reported cases
bins
P(k | μ)
Number of cases

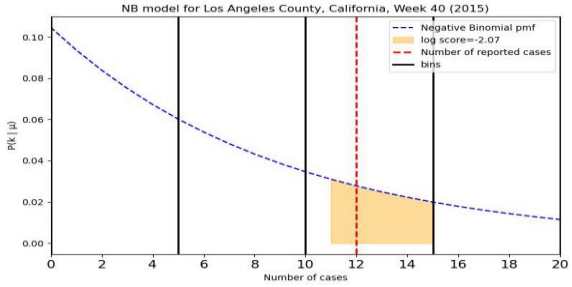

NB model for Los Angeles County, California, Week 35 (2015)
Negative Binomial pmf
log score=-1.71
Number of reported cases
bins
P(k | μ)
Number of cases

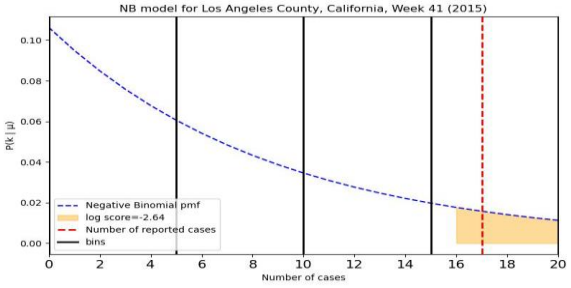

NB model for Los Angeles County, California, Week 36 (2015)
Negative Binomial pmf
log score=-2.45
Number of reported cases
bins
P(k | μ)
Number of cases

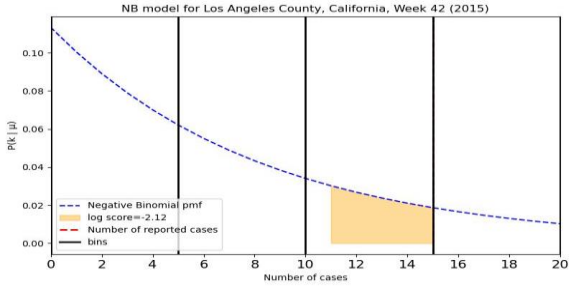

NB model for Los Angeles County, California, Week 37 (2015)
Negative Binomial pmf
log score=-2.25
Number of reported cases
bins
P(k | μ)
Number of cases

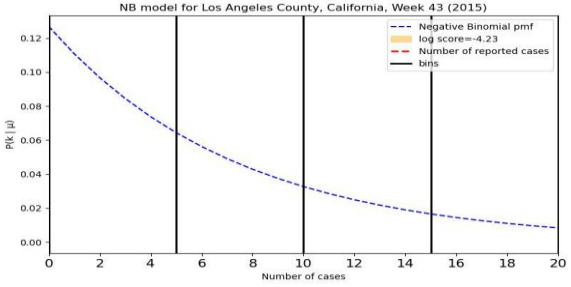

NB model for Los Angeles County, California, Week 38 (2015)
Negative Binomial pmf
log score=-2.14
Number of reported cases
bins
P(k | μ)
Number of cases

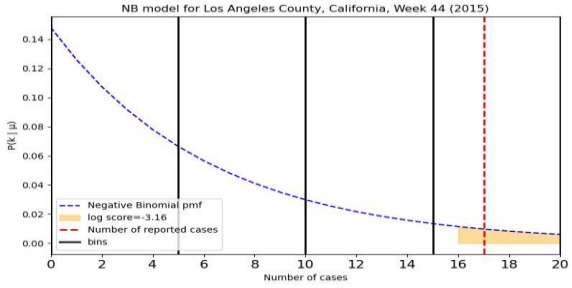

NB model for Los Angeles County, California, Week 39 (2015)
Negative Binomial pmf
log score=-2.66
Number of reported cases
bins
P(k | μ)
Number of cases

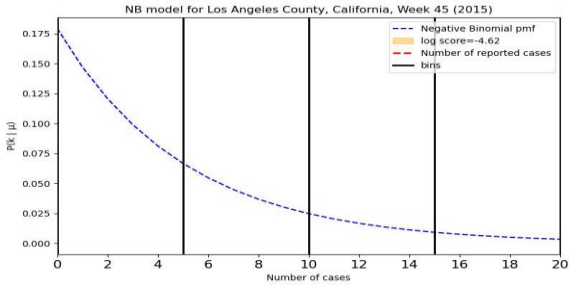

NB model for Los Angeles County, California, Week 40 (2015)
Negative Binomial pmf
log score=-2.07
Number of reported cases
bins
P(k | μ)
Number of cases

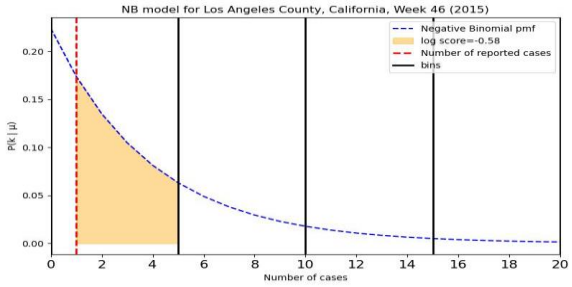

NB model for Los Angeles County, California, Week 41 (2015)
Negative Binomial pmf
log score=-2.64
Number of reported cases
bins
P(k | μ)
Number of cases

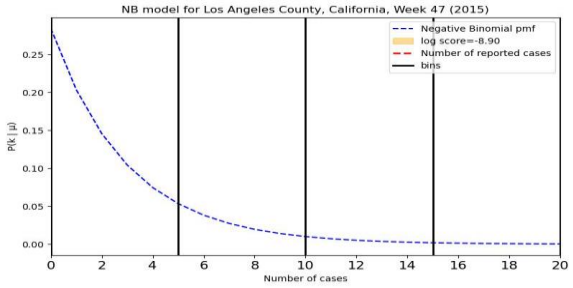

NB model for Los Angeles County, California, Week 42 (2015)
Negative Binomial pmf
log score=-2.12
Number of reported cases
bins
P(k | μ)
Number of cases

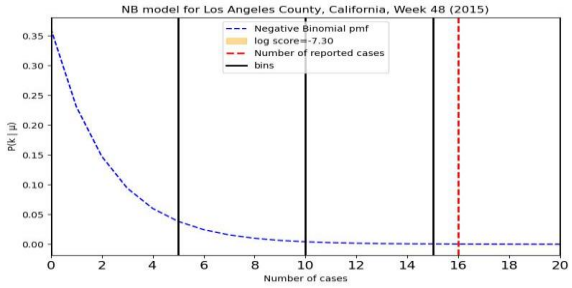

NB model for Los Angeles County, California, Week 43 (2015)
Negative Binomial pmf
log score=-4.23
Number of reported cases
bins
P(k | μ)
Number of cases

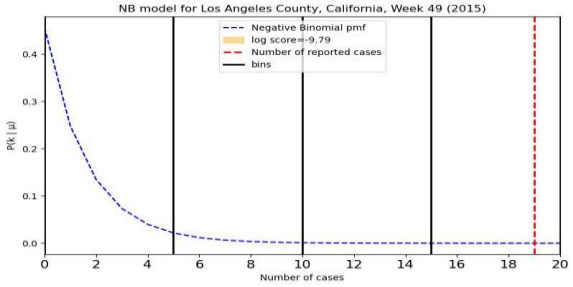

NB model for Los Angeles County, California, Week 44 (2015)
Negative Binomial pmf
log score=-3.16
Number of reported cases
bins
P(k | μ)
Number of cases

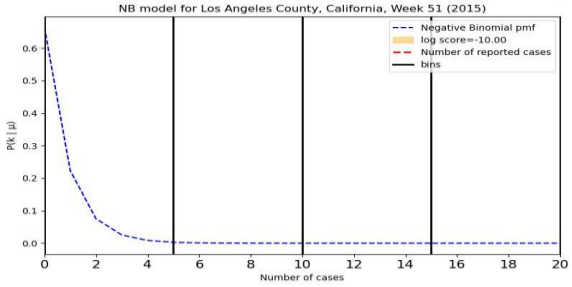

NB model for Los Angeles County, California, Week 45 (2015)
Negative Binomial pmf
log score=-4.62
Number of reported cases
bins
P(k | μ)
Number of cases

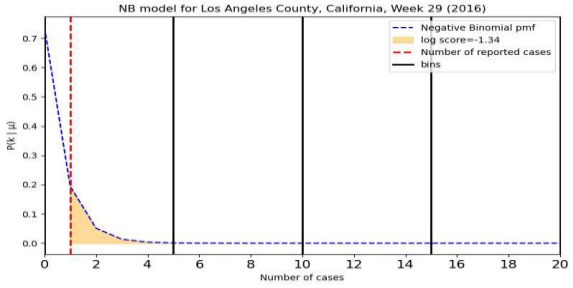

NB model for Los Angeles County, California, Week 46 (2015)
Negative Binomial pmf
log score=-0.58
Number of reported cases
bins
P(k | μ)
Number of cases

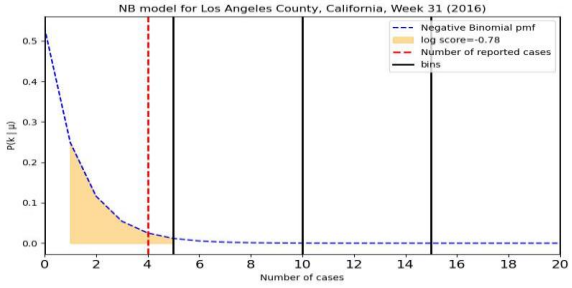

NB model for Los Angeles County, California, Week 47 (2015)
Negative Binomial pmf
log score=-8.90
Number of reported cases
bins
P(k | μ)
Number of cases

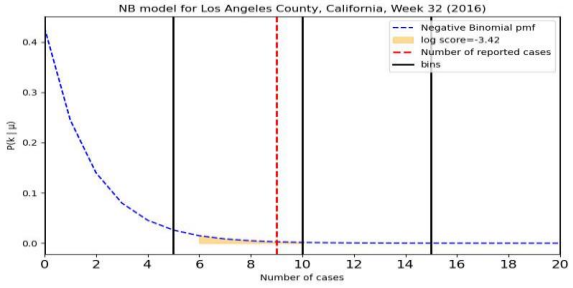

NB model for Los Angeles County, California, Week 48 (2015)
Negative Binomial pmf
log score=-7.30
Number of reported cases
bins
P(k | μ)
Number of cases

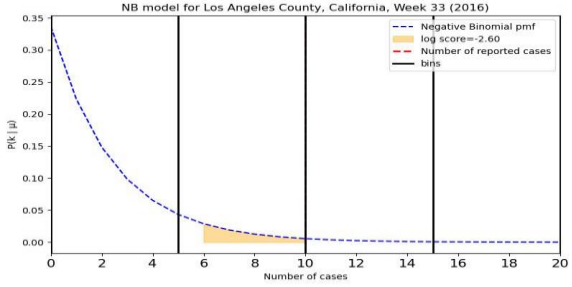

NB model for Los Angeles County, California, Week 49 (2015)
Negative Binomial pmf
log score=-9.79
Number of reported cases
bins
P(k | μ)
Number of cases

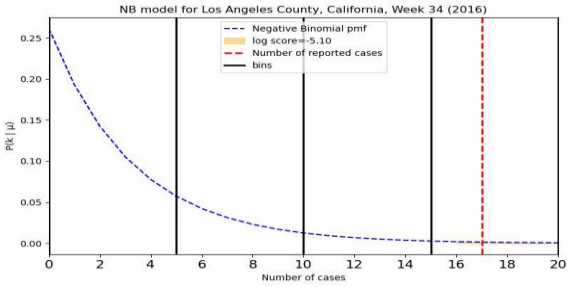

NB model for Los Angeles County, California, Week 51 (2015)
Negative Binomial pmf
log score=-10.00
Number of reported cases
bins
P(k | μ)
Number of cases

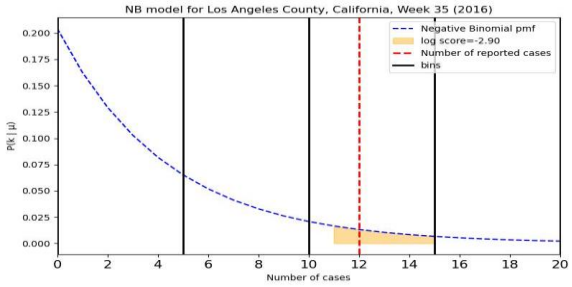

NB model for Los Angeles County, California, Week 29 (2016)
Negative Binomial pmf
log score=-1.34
Number of reported cases
bins
P(k | μ)
Number of cases

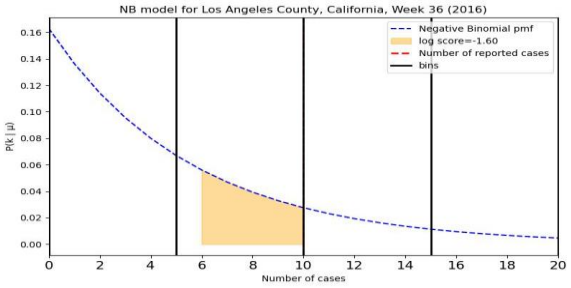

NB model for Los Angeles County, California, Week 31 (2016)
Negative Binomial pmf
log score=-0.78
Number of reported cases
bins
P(k | μ)
Number of cases

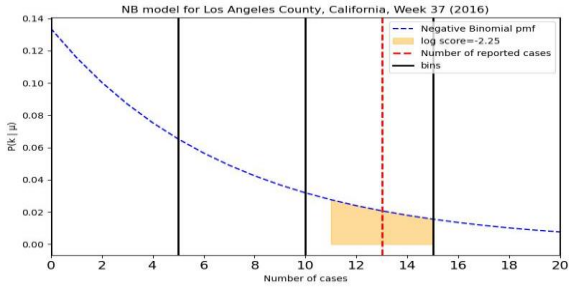

NB model for Los Angeles County, California, Week 32 (2016)
Negative Binomial pmf
log score=-3.42
Number of reported cases
bins
P(k | μ)
Number of cases

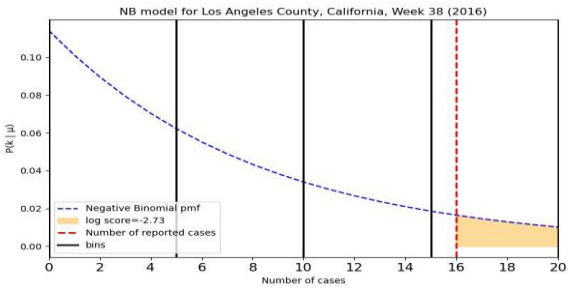

NB model for Los Angeles County, California, Week 33 (2016)
Negative Binomial pmf
log score=-2.60
Number of reported cases
bins
P(k | μ)
Number of cases

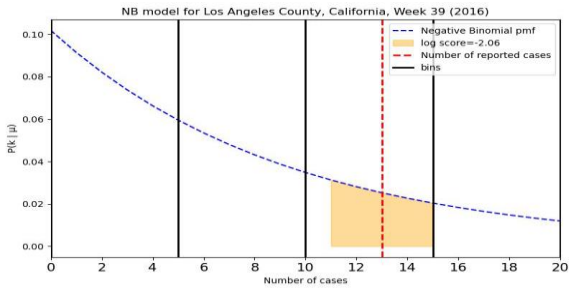

NB model for Los Angeles County, California, Week 34 (2016)
Negative Binomial pmf
log score=-5.10
Number of reported cases
bins
P(k | μ)
Number of cases

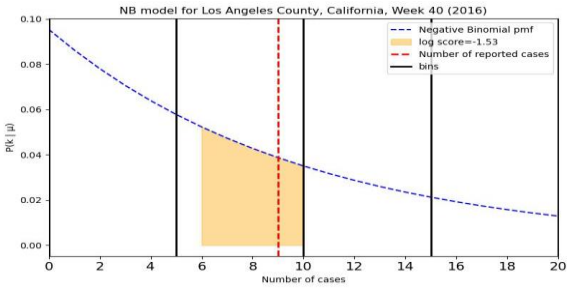

NB model for Los Angeles County, California, Week 35 (2016)
Negative Binomial pmf
log score=-2.90
Number of reported cases
bins
P(k | μ)
Number of cases

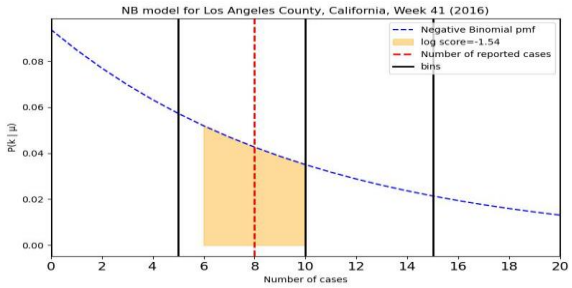

NB model for Los Angeles County, California, Week 36 (2016)
Negative Binomial pmf
log score=-1.60
Number of reported cases
bins
P(k | μ)
Number of cases

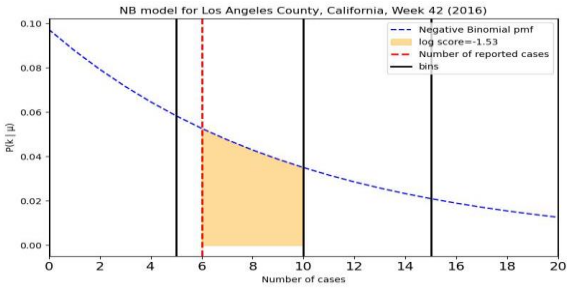

NB model for Los Angeles County, California, Week 37 (2016)
Negative Binomial pmf
log score=-2.25
Number of reported cases
bins
P(k | μ)
Number of cases

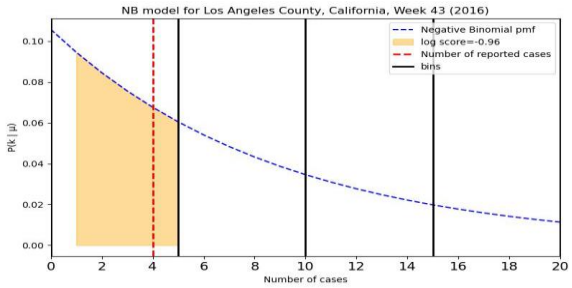

NB model for Los Angeles County, California, Week 38 (2016)
Negative Binomial pmf
log score=-2.73
Number of reported cases
bins
P(k | μ)
Number of cases

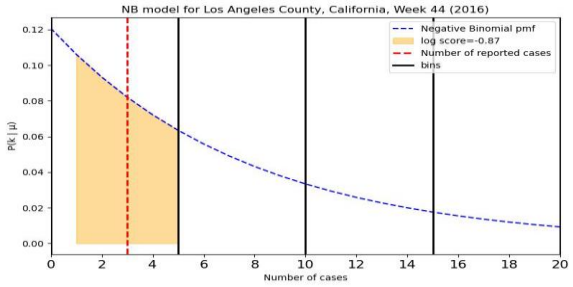

NB model for Los Angeles County, California, Week 39 (2016)
Negative Binomial pmf
log score=-2.06
Number of reported cases
bins
P(k | μ)
Number of cases

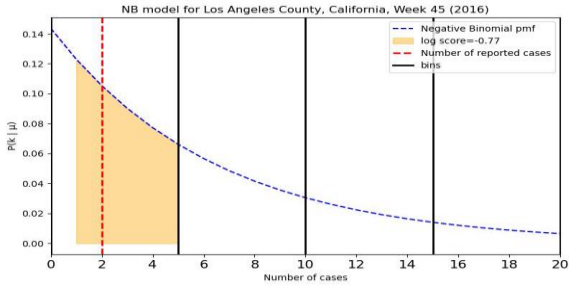

NB model for Los Angeles County, California, Week 40 (2016)
Negative Binomial pmf
log score=-1.53
Number of reported cases
bins
P(k | μ)
Number of cases

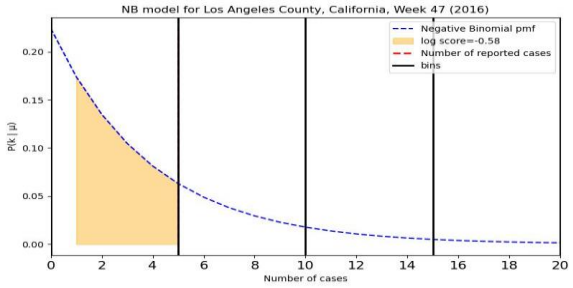

NB model for Los Angeles County, California, Week 41 (2016)
Negative Binomial pmf
log score=-1.54
Number of reported cases
bins
P(k | μ)
Number of cases

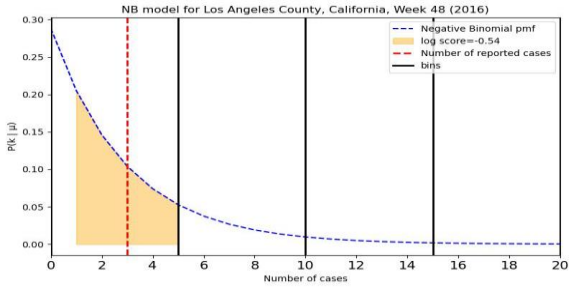

NB model for Los Angeles County, California, Week 42 (2016)
Negative Binomial pmf
log score=-1.53
Number of reported cases
bins
P(k | μ)
Number of cases

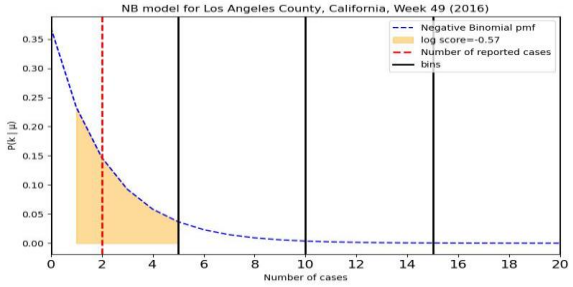

NB model for Los Angeles County, California, Week 43 (2016)
Negative Binomial pmf
log score=-0.96
Number of reported cases
bins
P(k | μ)
Number of cases

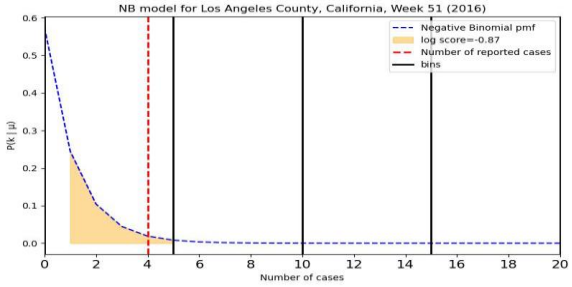

NB model for Los Angeles County, California, Week 44 (2016)
Negative Binomial pmf
log score=-0.87
Number of reported cases
bins
P(k | μ)
Number of cases

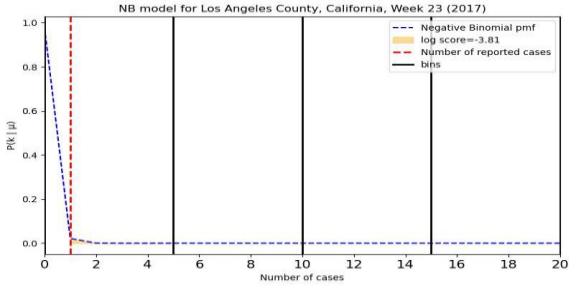

NB model for Los Angeles County, California, Week 45 (2016)
Negative Binomial pmf
log score=-0.77
Number of reported cases
bins
P(k | μ)
Number of cases

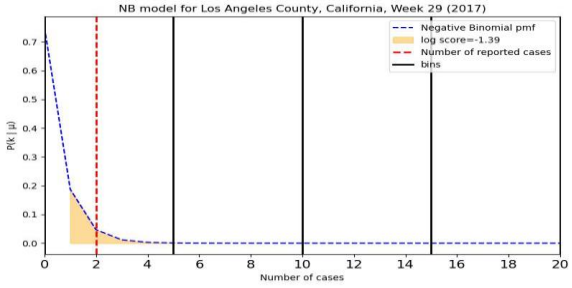

NB model for Los Angeles County, California, Week 47 (2016)
Negative Binomial pmf
log score=-0.58
Number of reported cases
bins
P(k | μ)
Number of cases

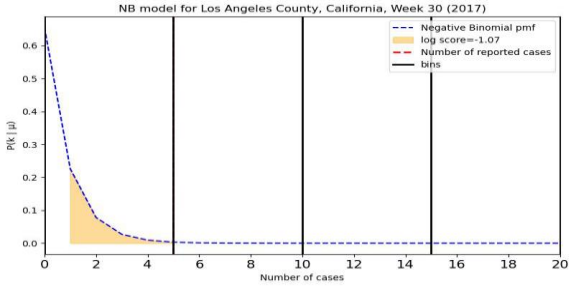

NB model for Los Angeles County, California, Week 48 (2016)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

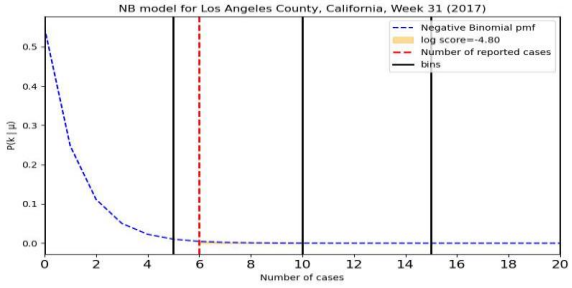

NB model for Los Angeles County, California, Week 49 (2016)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

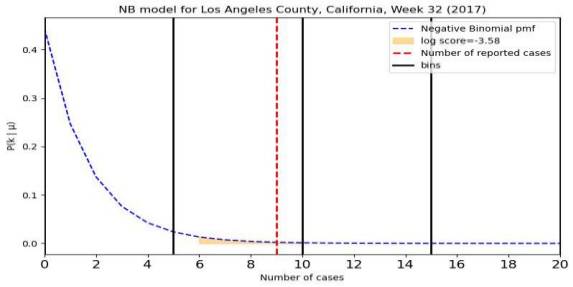

NB model for Los Angeles County, California, Week 51 (2016)
Negative Binomial pmf
log score=-0.87
Number of reported cases
bins
P(k | μ)
Number of cases

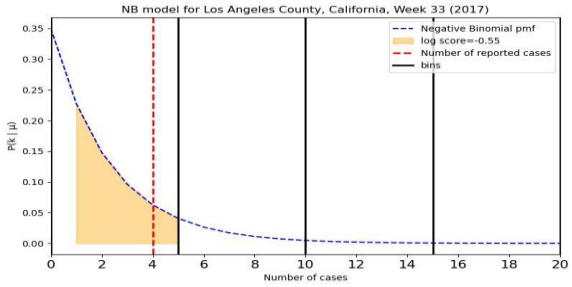

NB model for Los Angeles County, California, Week 23 (2017)
Negative Binomial pmf
log score=-3.81
Number of reported cases
bins
P(k | μ)
Number of cases

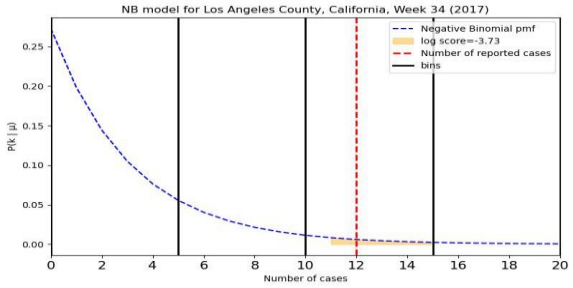

NB model for Los Angeles County, California, Week 29 (2017)
Negative Binomial pmf
log score=-1.39
Number of reported cases
bins
P(k | μ)
Number of cases

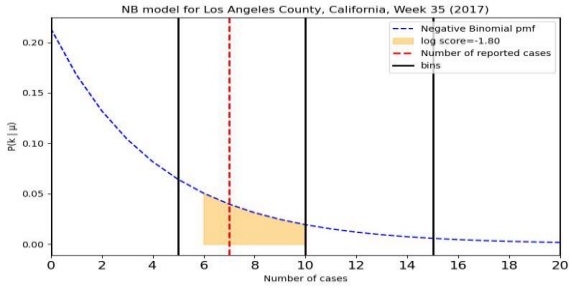

NB model for Los Angeles County, California, Week 30 (2017)
Negative Binomial pmf
log score=-1.07
Number of reported cases
bins
P(k | μ)
Number of cases

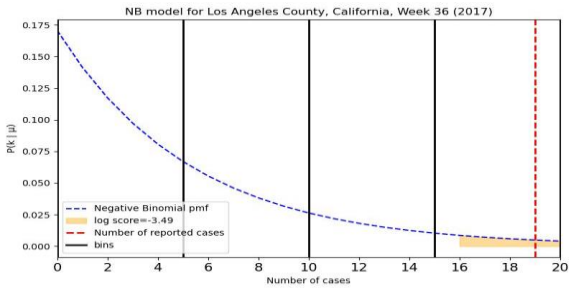

NB model for Los Angeles County, California, Week 31 (2017)
Negative Binomial pmf
log score=-4.80
Number of reported cases
bins
P(k | μ)
Number of cases

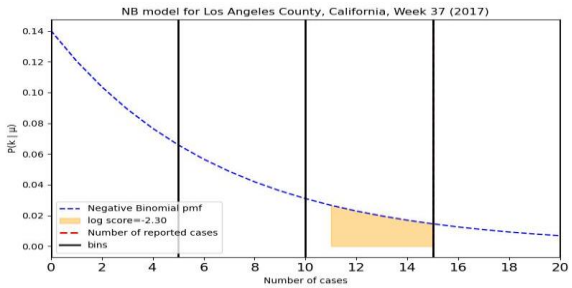

NB model for Los Angeles County, California, Week 32 (2017)
Negative Binomial pmf
log score=-3.58
Number of reported cases
bins
P(k | μ)
Number of cases

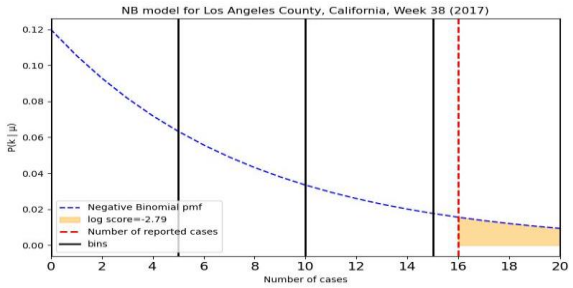

NB model for Los Angeles County, California, Week 33 (2017)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases

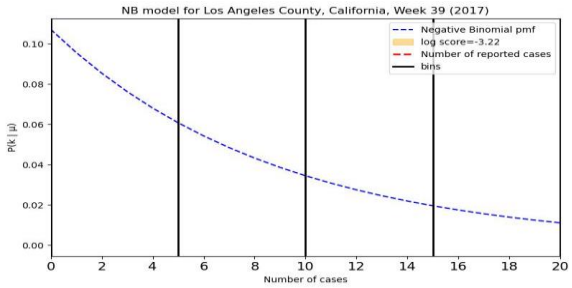

NB model for Los Angeles County, California, Week 34 (2017)
Negative Binomial pmf
log score=-3.73
Number of reported cases
bins
P(k | μ)
Number of cases

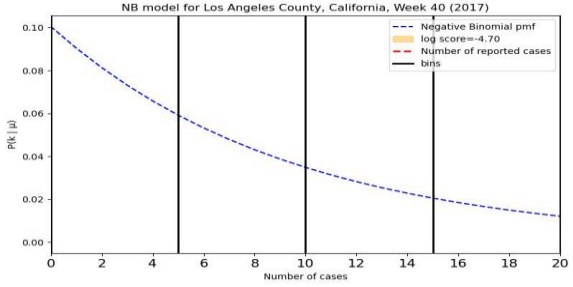

NB model for Los Angeles County, California, Week 35 (2017)
Negative Binomial pmf
log score=-1.80
Number of reported cases
bins
P(k | μ)
Number of cases

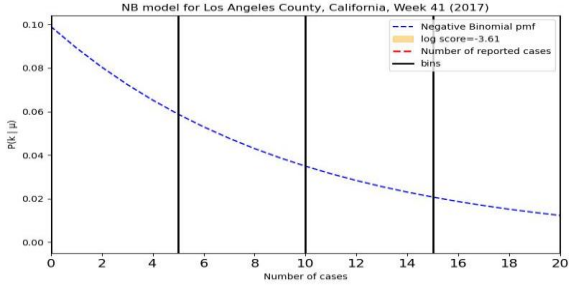

NB model for Los Angeles County, California, Week 36 (2017)
Negative Binomial pmf
log score=-3.49
Number of reported cases
bins
P(k | μ)
Number of cases

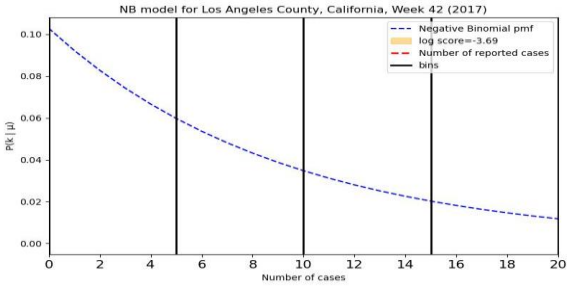

NB model for Los Angeles County, California, Week 37 (2017)
Negative Binomial pmf
log score=-2.30
Number of reported cases
bins
P(k | μ)
Number of cases

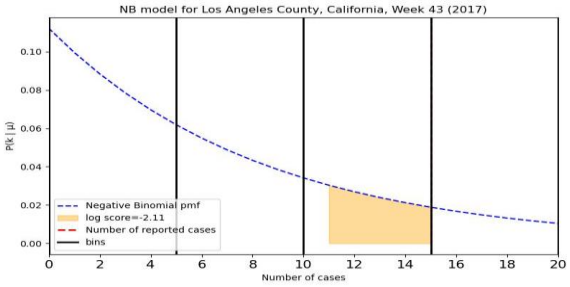

NB model for Los Angeles County, California, Week 38 (2017)
Negative Binomial pmf
log score=-2.79
Number of reported cases
bins
P(k | μ)
Number of cases

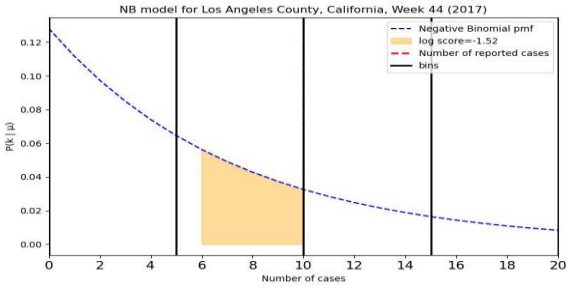

NB model for Los Angeles County, California, Week 39 (2017)
Negative Binomial pmf
log score=-3.22
Number of reported cases
bins
P(k | μ)
Number of cases

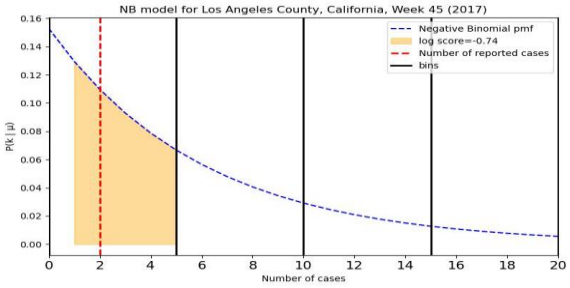

NB model for Los Angeles County, California, Week 40 (2017)
Negative Binomial pmf
log score=-4.70
Number of reported cases
bins
P(k | μ)
Number of cases

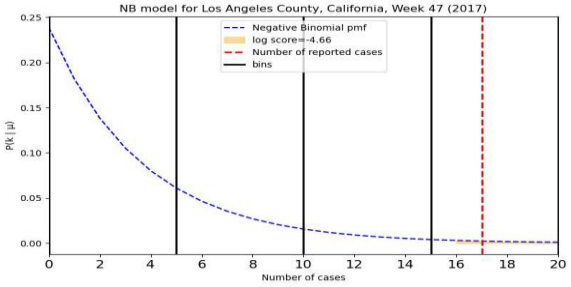

NB model for Los Angeles County, California, Week 41 (2017)
Negative Binomial pmf
log score=-3.61
Number of reported cases
bins
P(k | μ)
Number of cases

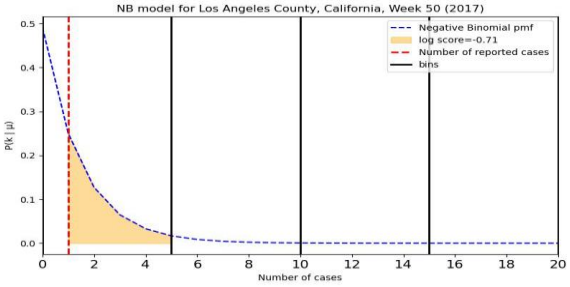

NB model for Los Angeles County, California, Week 42 (2017)
Negative Binomial pmf
log score=-3.69
Number of reported cases
bins
P(k | μ)
Number of cases

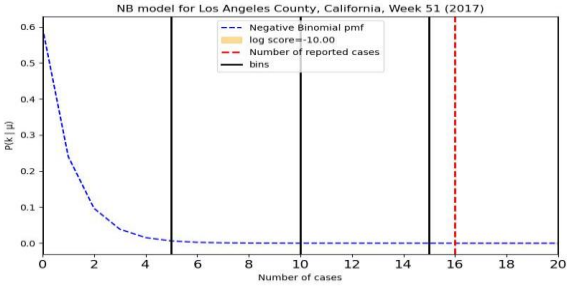

NB model for Los Angeles County, California, Week 43 (2017)
Negative Binomial pmf
log score=-2.11
Number of reported cases
bins
P(k | μ)
Number of cases

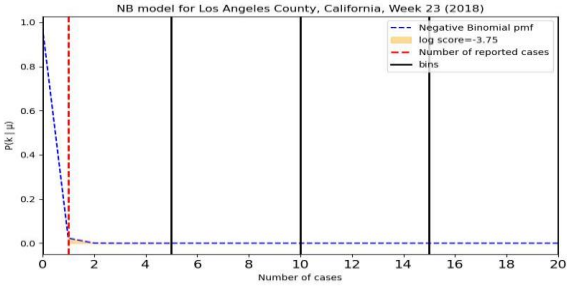

NB model for Los Angeles County, California, Week 44 (2017)
Negative Binomial pmf
log score=-1.52
Number of reported cases
bins
P(k | μ)
Number of cases

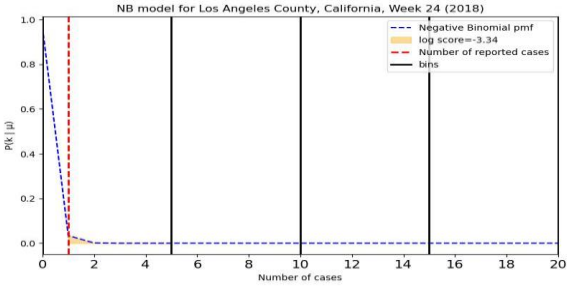

NB model for Los Angeles County, California, Week 45 (2017)
Negative Binomial pmf
log score=-0.74
Number of reported cases
bins
P(k | μ)
Number of cases

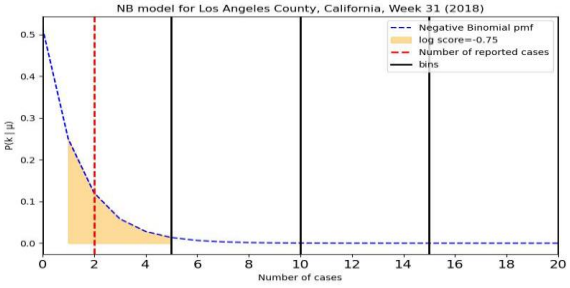

NB model for Los Angeles County, California, Week 47 (2017)
Negative Binomial pmf
log score=-4.66
Number of reported cases
bins
P(k | μ)
Number of cases

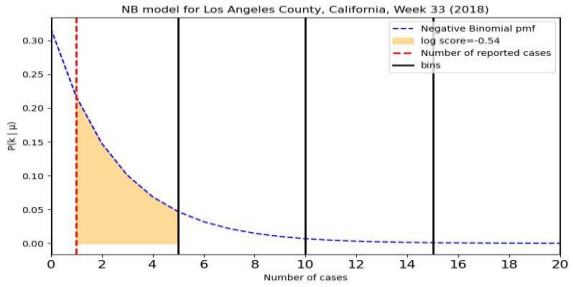

NB model for Los Angeles County, California, Week 50 (2017)
Negative Binomial pmf
log score=-0.71
Number of reported cases
bins
P(k | μ)
Number of cases

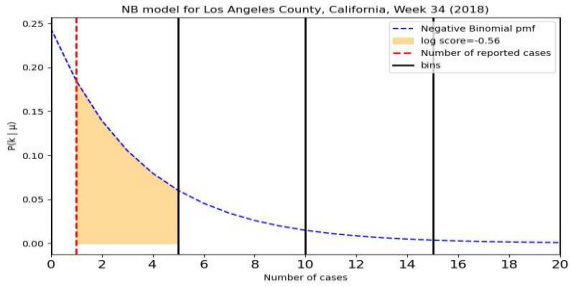

NB model for Los Angeles County, California, Week 51 (2017)
Negative Binomial pmf
log score=-10.00
Number of reported cases
bins
P(k | μ)
Number of cases

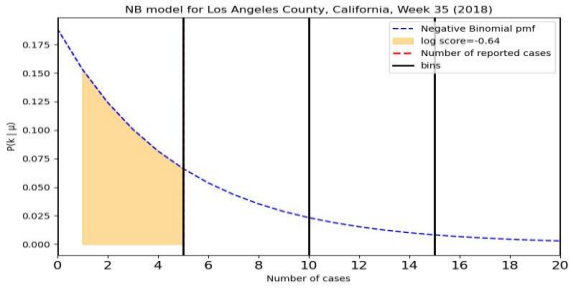

NB model for Los Angeles County, California, Week 23 (2018)
Negative Binomial pmf
log score=-3.75
Number of reported cases
bins
P(k | μ)
Number of cases

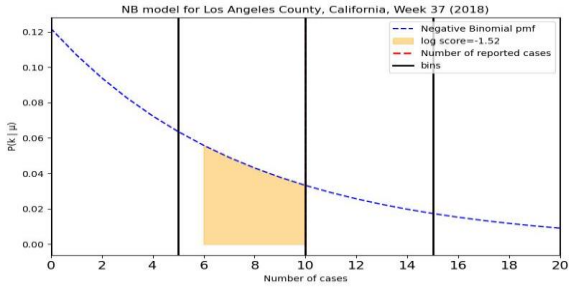

NB model for Los Angeles County, California, Week 24 (2018)
Negative Binomial pmf
log score=-3.34
Number of reported cases
bins
P(k | μ)
Number of cases

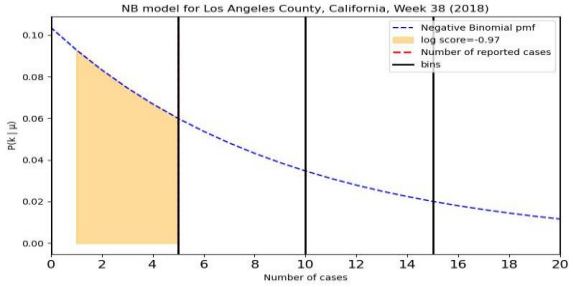

NB model for Los Angeles County, California, Week 31 (2018)
Negative Binomial pmf
log score=-0.75
Number of reported cases
bins
P(k | μ)
Number of cases

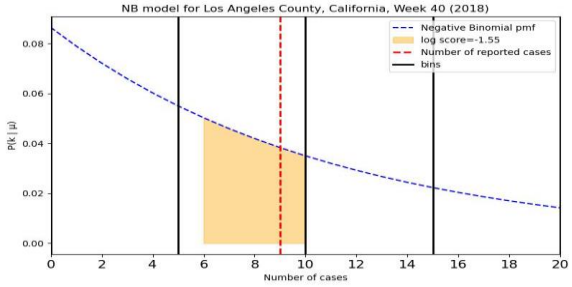

NB model for Los Angeles County, California, Week 33 (2018)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

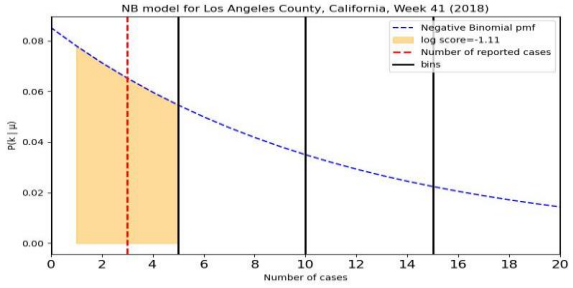

NB model for Los Angeles County, California, Week 34 (2018)
Negative Binomial pmf
log score=-0.56
Number of reported cases
bins
P(k | μ)
Number of cases

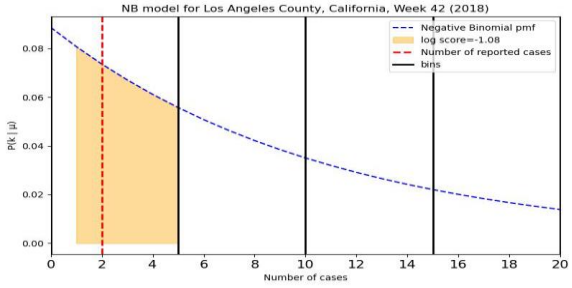

NB model for Los Angeles County, California, Week 35 (2018)
Negative Binomial pmf
log score=-0.64
Number of reported cases
bins
P(k | μ)
Number of cases

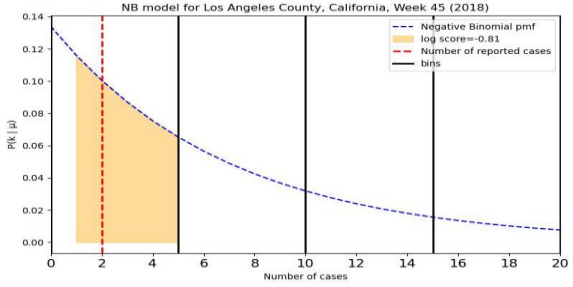

NB model for Los Angeles County, California, Week 37 (2018)
Negative Binomial pmf
log score=-1.52
Number of reported cases
bins
P(k | μ)
Number of cases

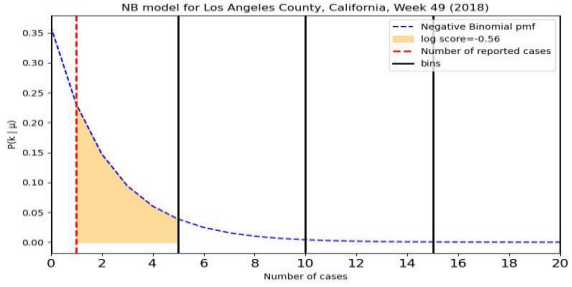

NB model for Los Angeles County, California, Week 38 (2018)
Negative Binomial pmf
log score=-0.97
Number of reported cases
bins
P(k | μ)
Number of cases

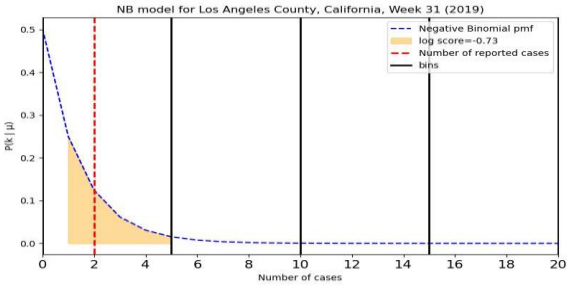

NB model for Los Angeles County, California, Week 40 (2018)
Negative Binomial pmf
log score=-1.55
Number of reported cases
bins
P(k | μ)
Number of cases

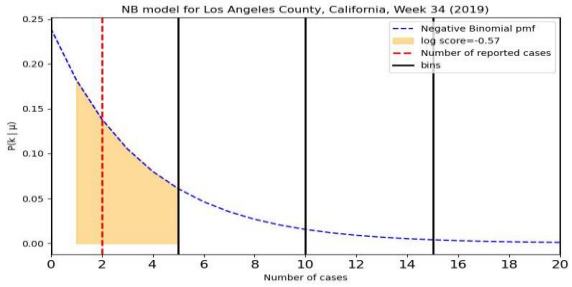

NB model for Los Angeles County, California, Week 41 (2018)
Negative Binomial pmf
log score=-1.11
Number of reported cases
bins
P(k | μ)
Number of cases

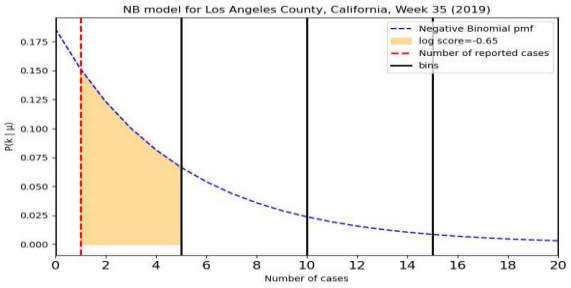

NB model for Los Angeles County, California, Week 42 (2018)
Negative Binomial pmf
log score=-1.08
Number of reported cases
bins
P(k | μ)
Number of cases

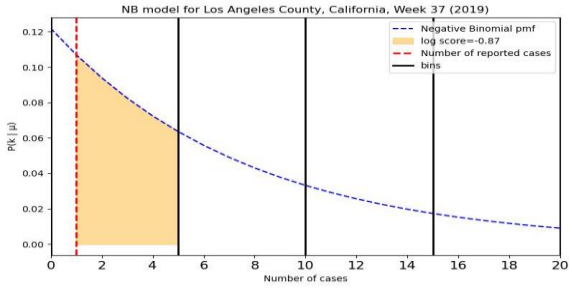

NB model for Los Angeles County, California, Week 45 (2018)
Negative Binomial pmf
log score=-0.81
Number of reported cases
bins
P(k | μ)
Number of cases

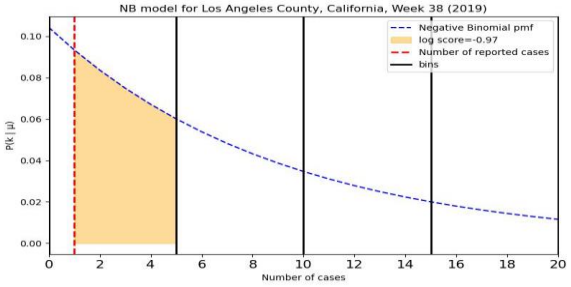

NB model for Los Angeles County, California, Week 49 (2018)
Negative Binomial pmf
log score=-0.56
Number of reported cases
bins
P(k | μ)
Number of cases

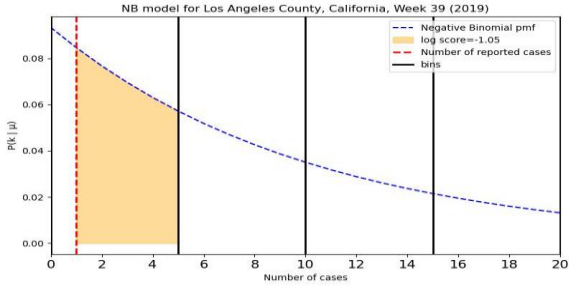

NB model for Los Angeles County, California, Week 31 (2019)
Negative Binomial pmf
log score=-0.73
Number of reported cases
bins
P(k | μ)
Number of cases

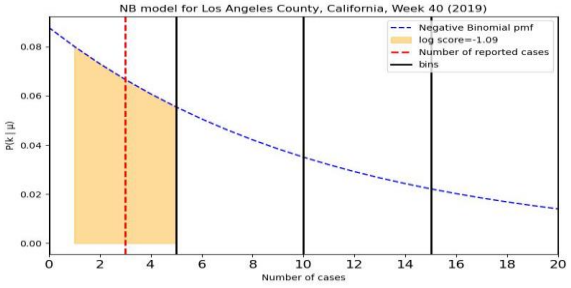

NB model for Los Angeles County, California, Week 34 (2019)
Negative Binomial pmf
log score=-0.57
Number of reported cases
bins
P(k | μ)
Number of cases

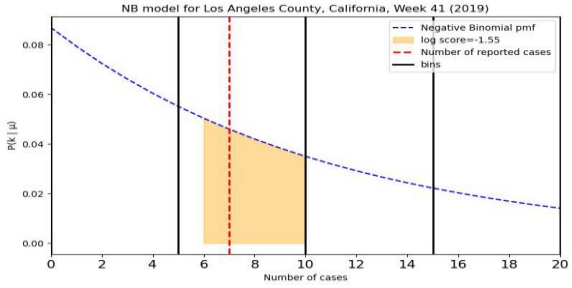

NB model for Los Angeles County, California, Week 35 (2019)
Negative Binomial pmf
log score=-0.65
Number of reported cases
bins
P(k | μ)
Number of cases

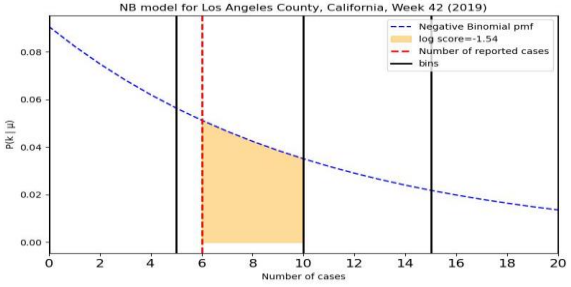

NB model for Los Angeles County, California, Week 37 (2019)
Negative Binomial pmf
log score=-0.87
Number of reported cases
bins
P(k | μ)
Number of cases

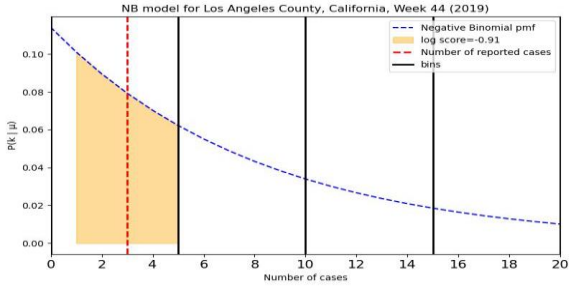

NB model for Los Angeles County, California, Week 38 (2019)
Negative Binomial pmf
log score=-0.97
Number of reported cases
bins
P(k | μ)
Number of cases

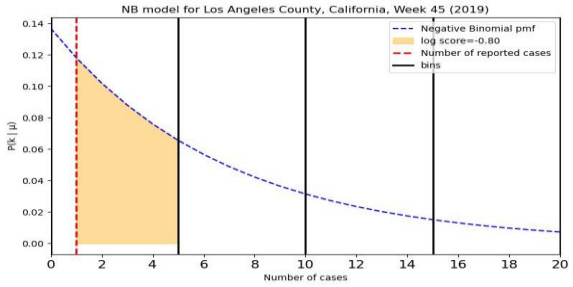

NB model for Los Angeles County, California, Week 39 (2019)
Negative Binomial pmf
log score=-1.05
Number of reported cases
bins
P(k | μ)
Number of cases

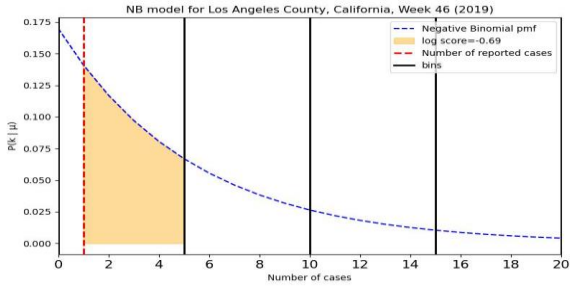

NB model for Los Angeles County, California, Week 40 (2019)
Negative Binomial pmf
log score=-1.09
Number of reported cases
bins
P(k | μ)
Number of cases

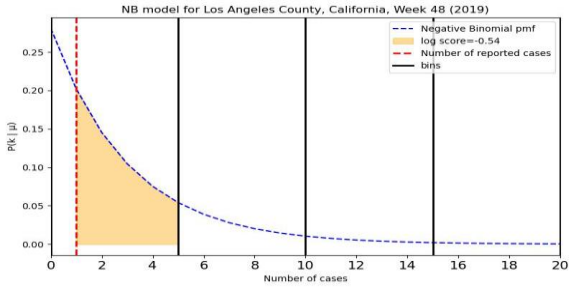

NB model for Los Angeles County, California, Week 41 (2019)
Negative Binomial pmf
log score=-1.55
Number of reported cases
bins
P(k | μ)
Number of cases

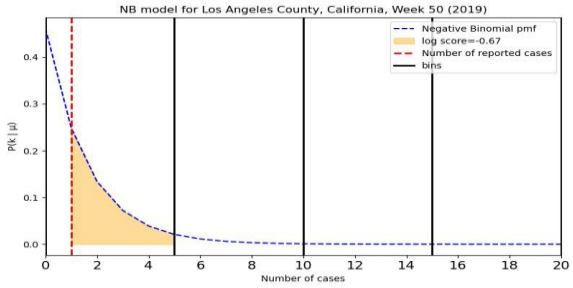

NB model for Los Angeles County, California, Week 42 (2019)
Negative Binomial pmf
log score=-1.54
Number of reported cases
bins
P(k | μ)
Number of cases

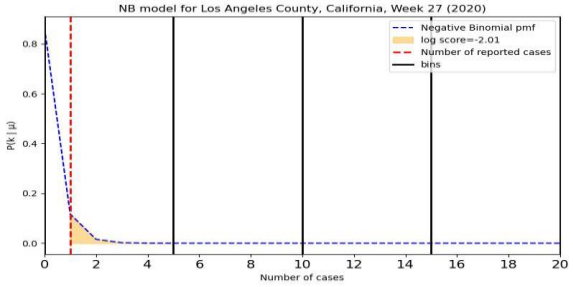

NB model for Los Angeles County, California, Week 44 (2019)
Negative Binomial pmf
log score=-0.91
Number of reported cases
bins
P(k | μ)
Number of cases

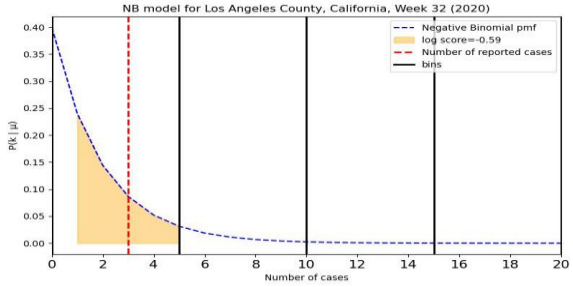

NB model for Los Angeles County, California, Week 45 (2019)
Negative Binomial pmf
log score=-0.80
Number of reported cases
bins
P(k | μ)
Number of cases

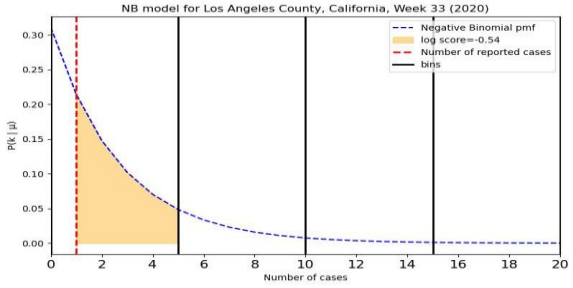

NB model for Los Angeles County, California, Week 46 (2019)
Negative Binomial pmf
log score=-0.69
Number of reported cases
bins
P(k | μ)
Number of cases

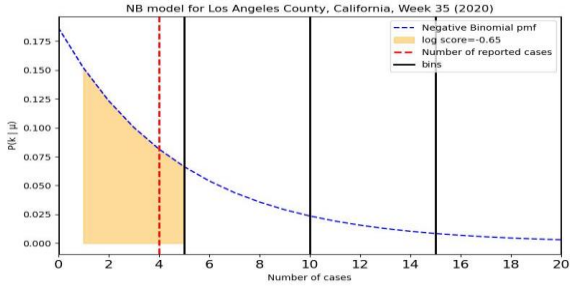

NB model for Los Angeles County, California, Week 48 (2019)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

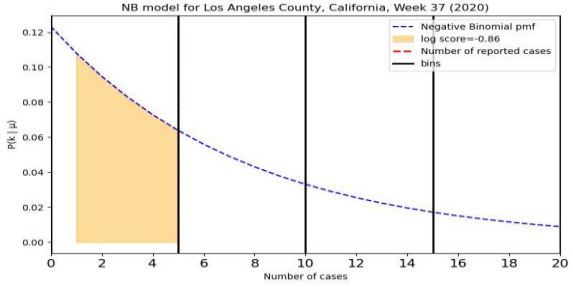

NB model for Los Angeles County, California, Week 50 (2019)
Negative Binomial pmf
log score=-0.67
Number of reported cases
bins
P(k | μ)
Number of cases

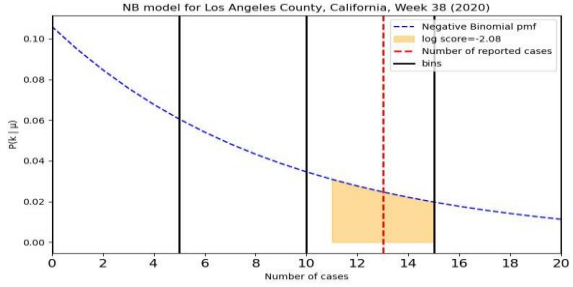

NB model for Los Angeles County, California, Week 27 (2020)
Negative Binomial pmf
log score=-2.01
Number of reported cases
bins
P(k | μ)
Number of cases

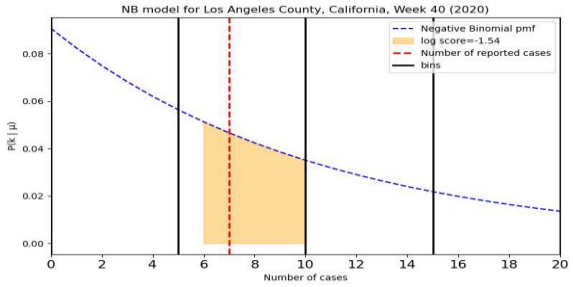

NB model for Los Angeles County, California, Week 32 (2020)
Negative Binomial pmf
log score=-0.59
Number of reported cases
bins
P(k | μ)
Number of cases

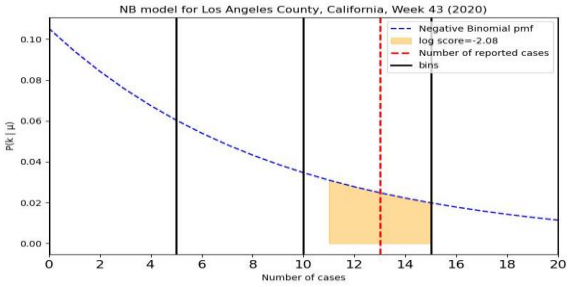

NB model for Los Angeles County, California, Week 33 (2020)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

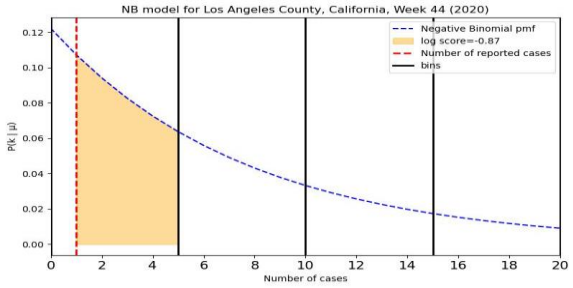

NB model for Los Angeles County, California, Week 35 (2020)
Negative Binomial pmf
log score=-0.65
Number of reported cases
bins
P(k | μ)
Number of cases

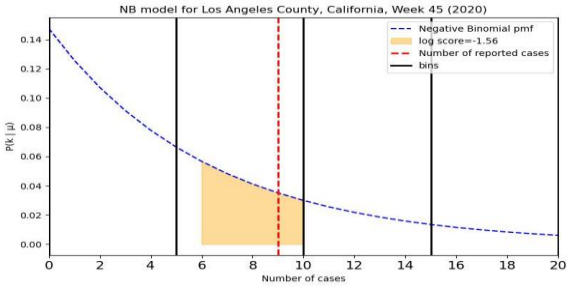

NB model for Los Angeles County, California, Week 37 (2020)
Negative Binomial pmf
log score=-0.86
Number of reported cases
bins
P(k | μ)
Number of cases

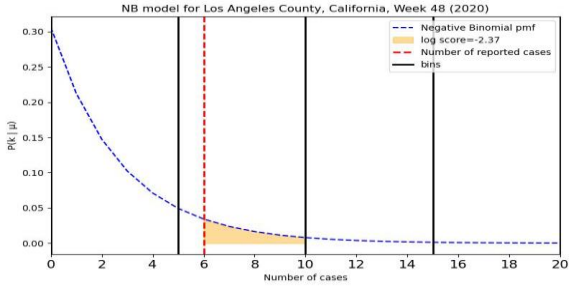

NB model for Los Angeles County, California, Week 38 (2020)
Negative Binomial pmf
log score=-2.08
Number of reported cases
bins
P(k | μ)
Number of cases

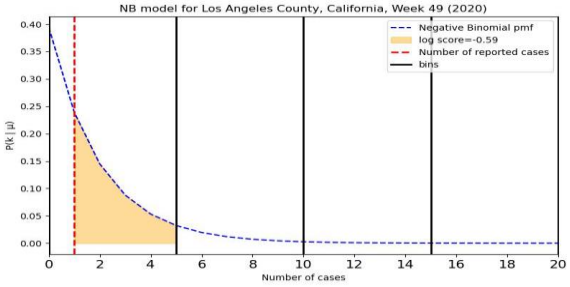

NB model for Los Angeles County, California, Week 40 (2020)
Negative Binomial pmf
log score=-1.54
Number of reported cases
bins
P(k | μ)
Number of cases

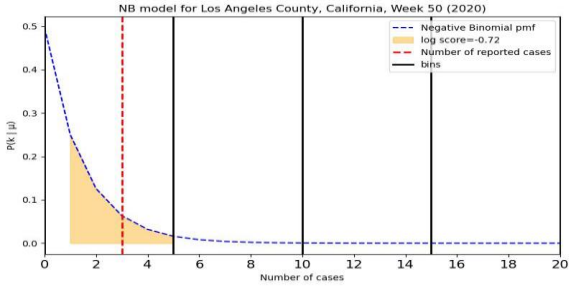

NB model for Los Angeles County, California, Week 43 (2020)
Negative Binomial pmf
log score=-2.08
Number of reported cases
bins
P(k | μ)
Number of cases

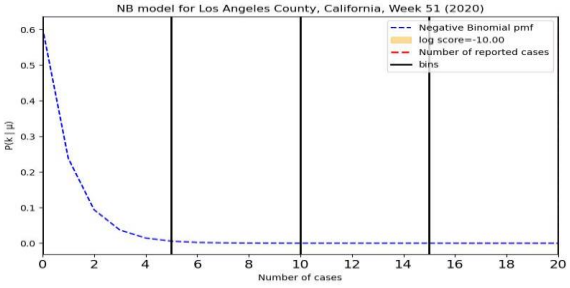

NB model for Los Angeles County, California, Week 44 (2020)
Negative Binomial pmf
log score=-0.87
Number of reported cases
bins
P(k | μ)
Number of cases

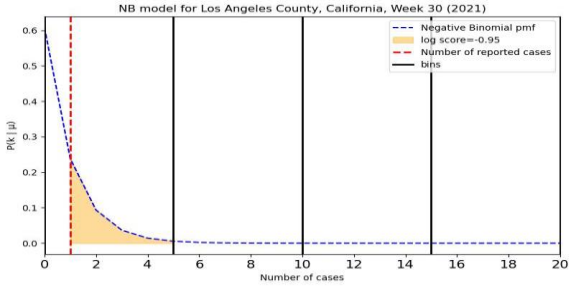

NB model for Los Angeles County, California, Week 45 (2020)
Negative Binomial pmf
log score=-1.56
Number of reported cases
bins
P(k | μ)
Number of cases

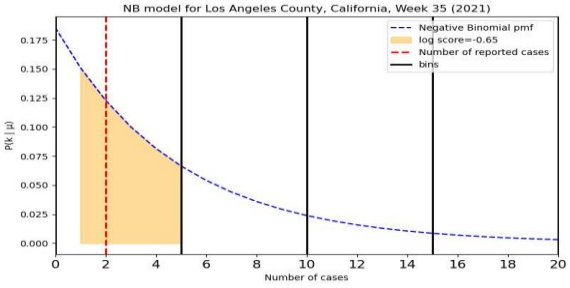

NB model for Los Angeles County, California, Week 48 (2020)
Negative Binomial pmf
log score=-2.37
Number of reported cases
bins
P(k | μ)
Number of cases

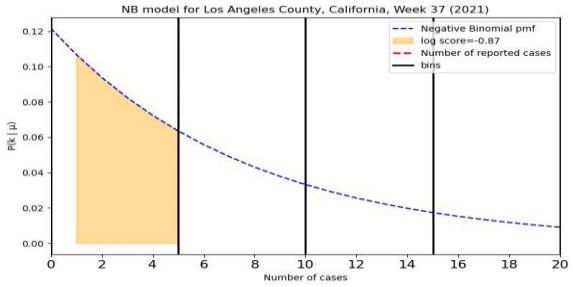

NB model for Los Angeles County, California, Week 49 (2020)
Negative Binomial pmf
log score=-0.59
Number of reported cases
bins
P(k | μ)
Number of cases

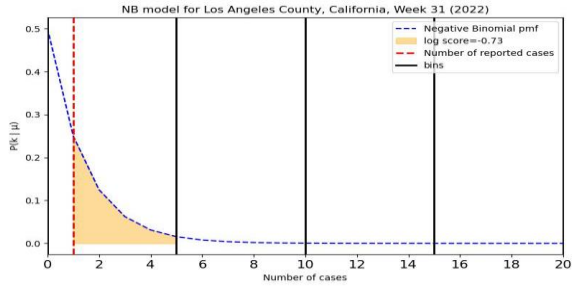

NB model for Los Angeles County, California, Week 50 (2020)
Negative Binomial pmf
log score=-0.72
Number of reported cases
bins
P(k | μ)
Number of cases

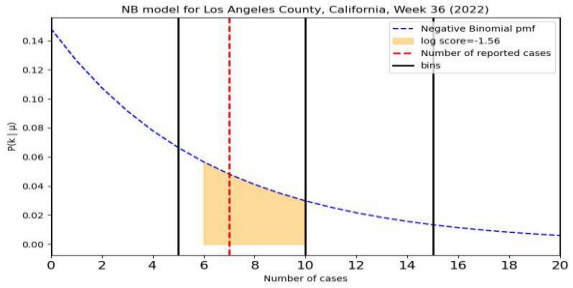

NB model for Los Angeles County, California, Week 51 (2020)
Negative Binomial pmf
log score=-10.00
Number of reported cases
bins
P(k | μ)
Number of cases

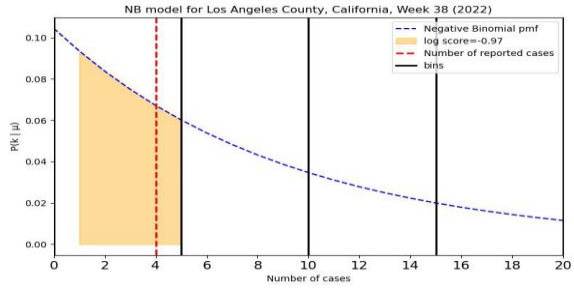

NB model for Los Angeles County, California, Week 30 (2021)
Negative Binomial pmf
log score=-0.95
Number of reported cases
bins
P(k | μ)
Number of cases

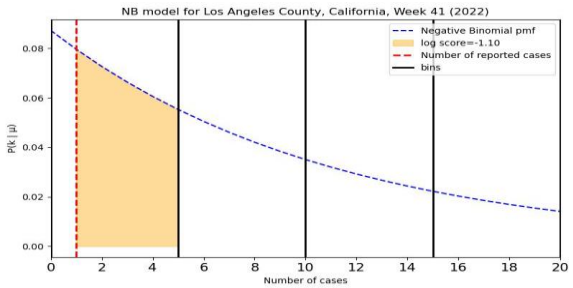

NB model for Los Angeles County, California, Week 35 (2021)
Negative Binomial pmf
log score=-0.65
Number of reported cases
bins
P(k | μ)
Number of cases

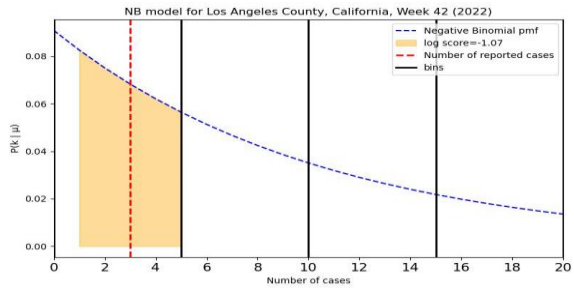

NB model for Los Angeles County, California, Week 37 (2021)
Negative Binomial pmf
log score=-0.87
Number of reported cases
bins
P(k | μ)
Number of cases

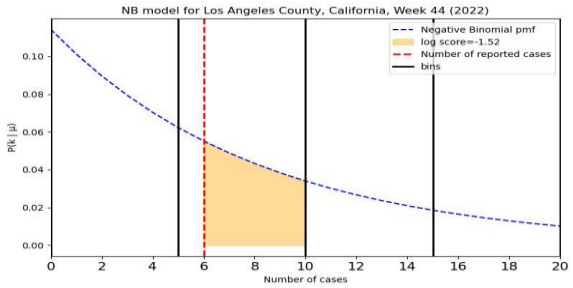

NB model for Los Angeles County, California, Week 31 (2022)
Negative Binomial pmf
log score=-0.73
Number of reported cases
bins
P(k | μ)
Number of cases

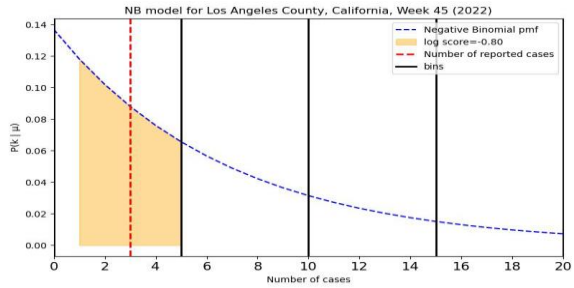

NB model for Los Angeles County, California, Week 36 (2022)
Negative Binomial pmf
log score=-1.56
Number of reported cases
bins
P(k | μ)
Number of cases

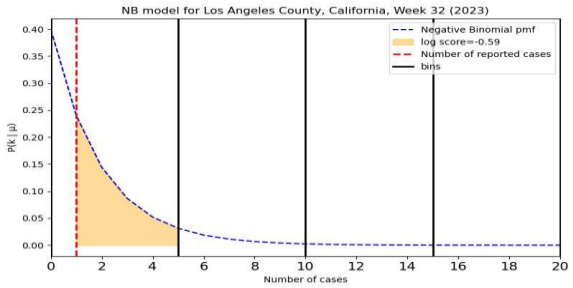

NB model for Los Angeles County, California, Week 38 (2022)
Negative Binomial pmf
log score=-0.97
Number of reported cases
bins
P(k | μ)
Number of cases

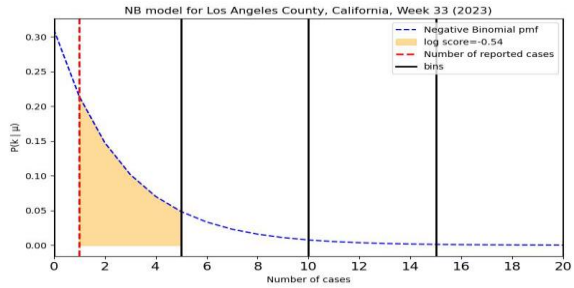

NB model for Los Angeles County, California, Week 41 (2022)
Negative Binomial pmf
log score=-1.10
Number of reported cases
bins
P(k | μ)
Number of cases

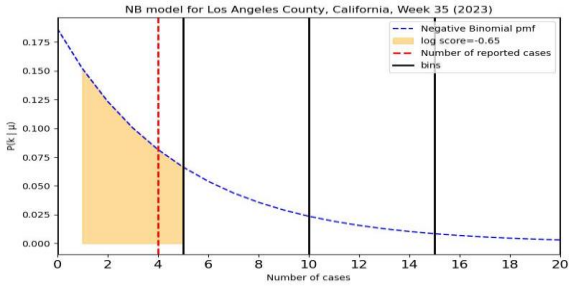

NB model for Los Angeles County, California, Week 42 (2022)
Negative Binomial pmf
log score=-1.07
Number of reported cases
bins
P(k | μ)
Number of cases

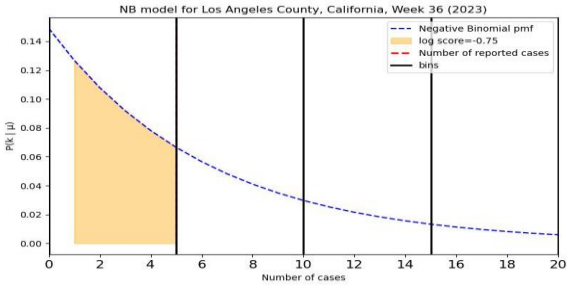

NB model for Los Angeles County, California, Week 44 (2022)
Negative Binomial pmf
log score=-1.52
Number of reported cases
bins
P(k | μ)
Number of cases

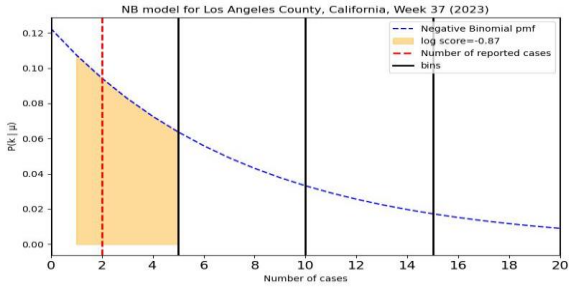

NB model for Los Angeles County, California, Week 45 (2022)
Negative Binomial pmf
log score=-0.80
Number of reported cases
bins
P(k | μ)
Number of cases

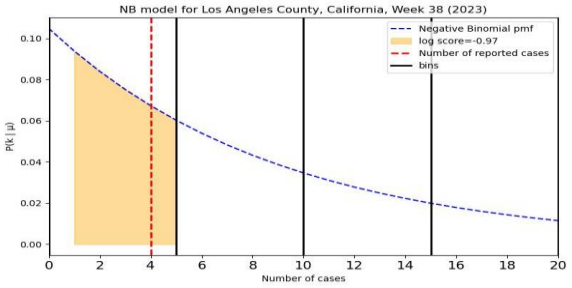

NB model for Los Angeles County, California, Week 32 (2023)
Negative Binomial pmf
log score=-0.59
Number of reported cases
bins
P(k | μ)
Number of cases

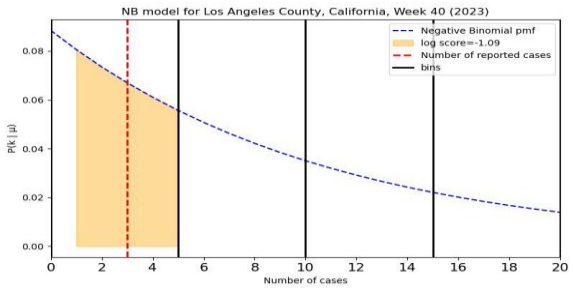

NB model for Los Angeles County, California, Week 33 (2023)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

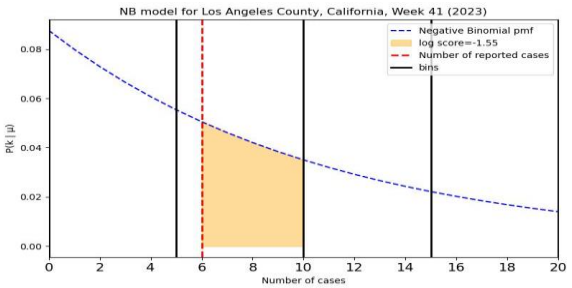

NB model for Los Angeles County, California, Week 35 (2023)
Negative Binomial pmf
log score=-0.65
Number of reported cases
bins
P(k | μ)
Number of cases

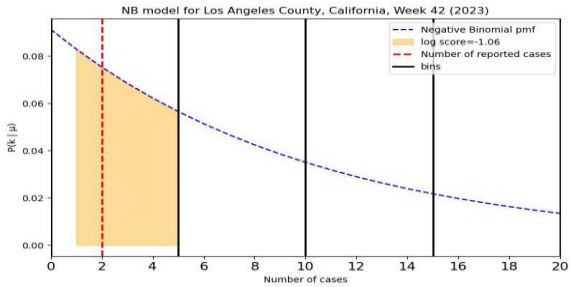

NB model for Los Angeles County, California, Week 36 (2023)
Negative Binomial pmf
log score=-0.75
Number of reported cases
bins
P(k | μ)
Number of cases

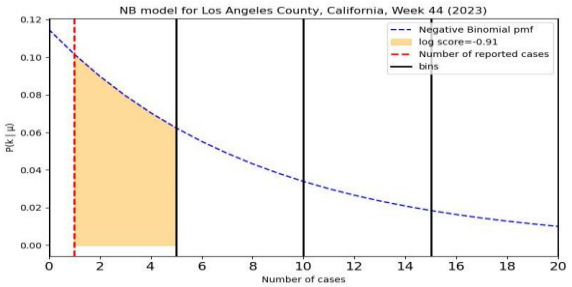

NB model for Los Angeles County, California, Week 37 (2023)
Negative Binomial pmf
log score=-0.87
Number of reported cases
bins
P(k | μ)
Number of cases

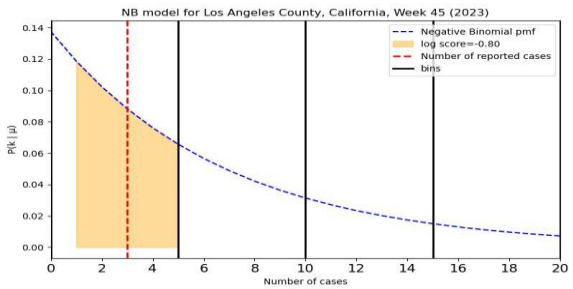

NB model for Los Angeles County, California, Week 38 (2023)
Negative Binomial pmf
log score=-0.97
Number of reported cases
bins
P(k | μ)
Number of cases

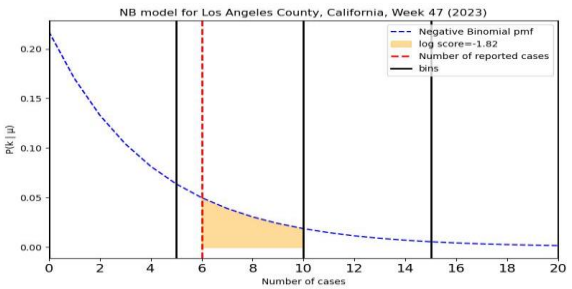

NB model for Los Angeles County, California, Week 40 (2023)
Negative Binomial pmf
log score=-1.09
Number of reported cases
bins
P(k | μ)
Number of cases

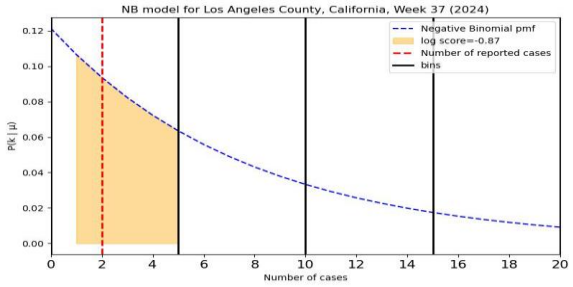

NB model for Los Angeles County, California, Week 41 (2023)
Negative Binomial pmf
log score=-1.55
Number of reported cases
bins
P(k | μ)
Number of cases

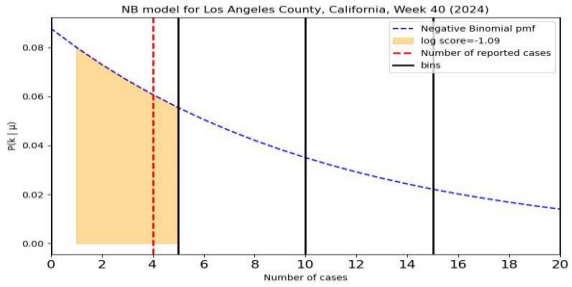

NB model for Los Angeles County, California, Week 42 (2023)
Negative Binomial pmf
log score=-1.06
Number of reported cases
bins
P(k | μ)
Number of cases

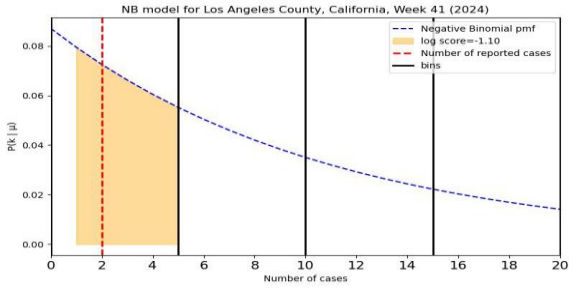

NB model for Los Angeles County, California, Week 44 (2023)
Negative Binomial pmf
log score=-0.91
Number of reported cases
bins
P(k | μ)
Number of cases

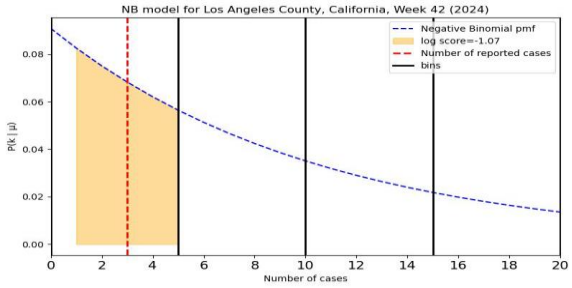

NB model for Los Angeles County, California, Week 45 (2023)
Negative Binomial pmf
log score=-0.80
Number of reported cases
bins
P(k | μ)
Number of cases

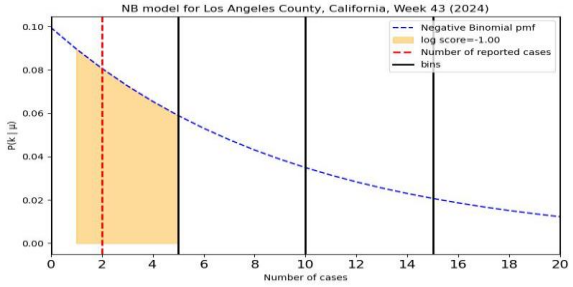

NB model for Los Angeles County, California, Week 47 (2023)
Negative Binomial pmf
log score=-1.82
Number of reported cases
bins
P(k | μ)
Number of cases

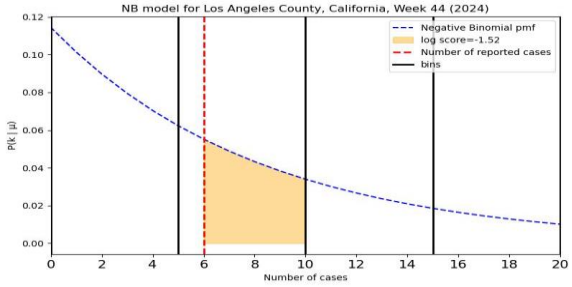

NB model for Los Angeles County, California, Week 37 (2024)
Negative Binomial pmf
log score=-0.87
Number of reported cases
bins
P(k | μ)
Number of cases

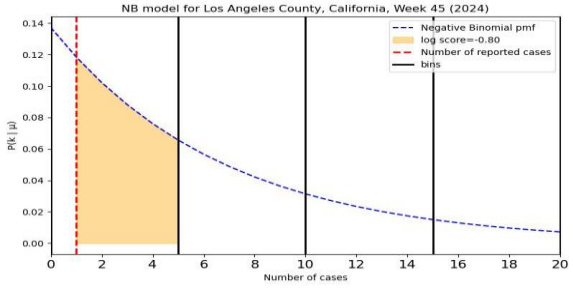

NB model for Los Angeles County, California, Week 40 (2024)
Negative Binomial pmf
log score=-1.09
Number of reported cases
bins
P(k | μ)
Number of cases

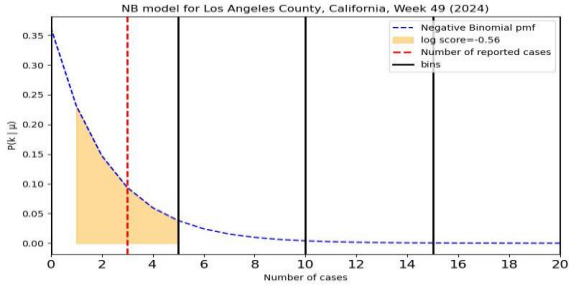

NB model for Los Angeles County, California, Week 41 (2024)
Negative Binomial pmf
log score=-1.10
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Los Angeles County, California, Week 42 (2024)
Negative Binomial pmf
log score=-1.07
Number of reported cases
bins
P(k | μ)
Number of cases

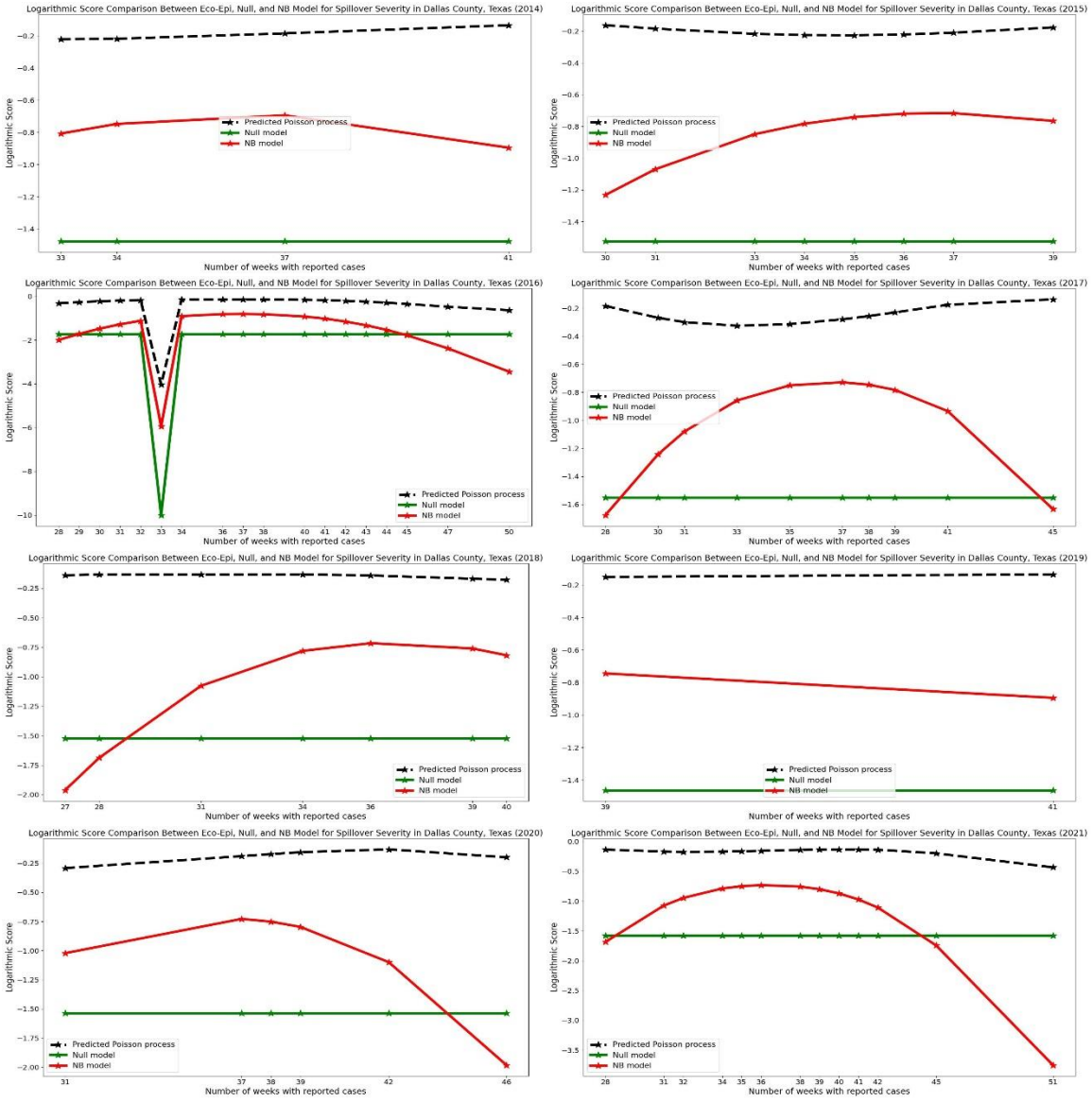

NB model for Los Angeles County, California, Week 43 (2024)
Negative Binomial pmf
log score=-1.00
Number of reported cases
bins
P(k | μ)
Number of cases

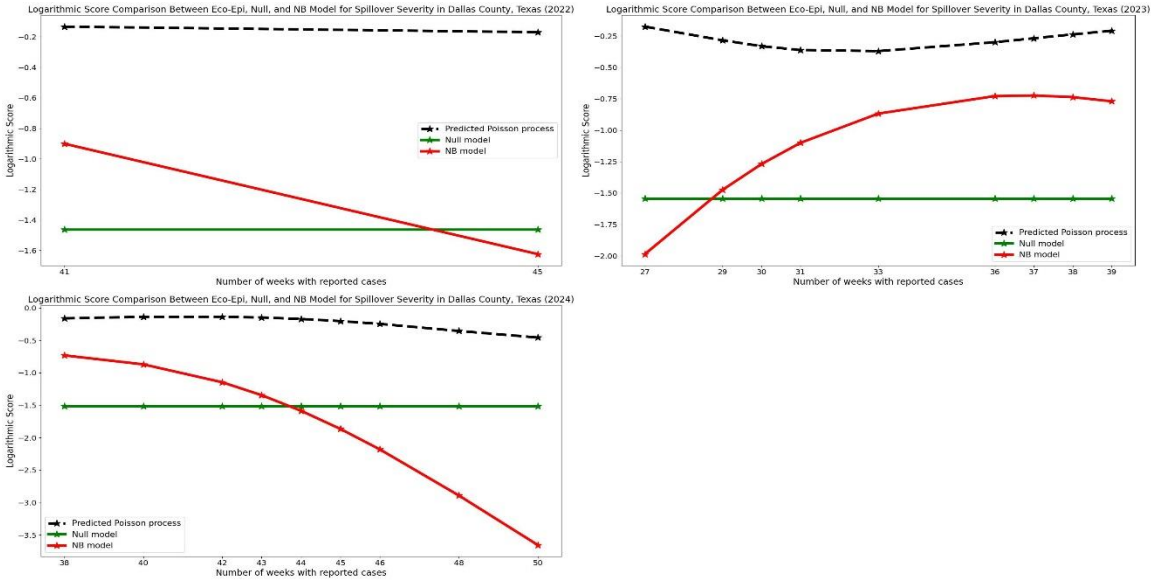

NB model for Los Angeles County, California, Week 44 (2024)
Negative Binomial pmf
log score=-1.52
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Los Angeles County, California, Week 45 (2024)
Negative Binomial pmf
log score=-0.80
Number of reported cases
bins
P(k | μ)
Number of cases

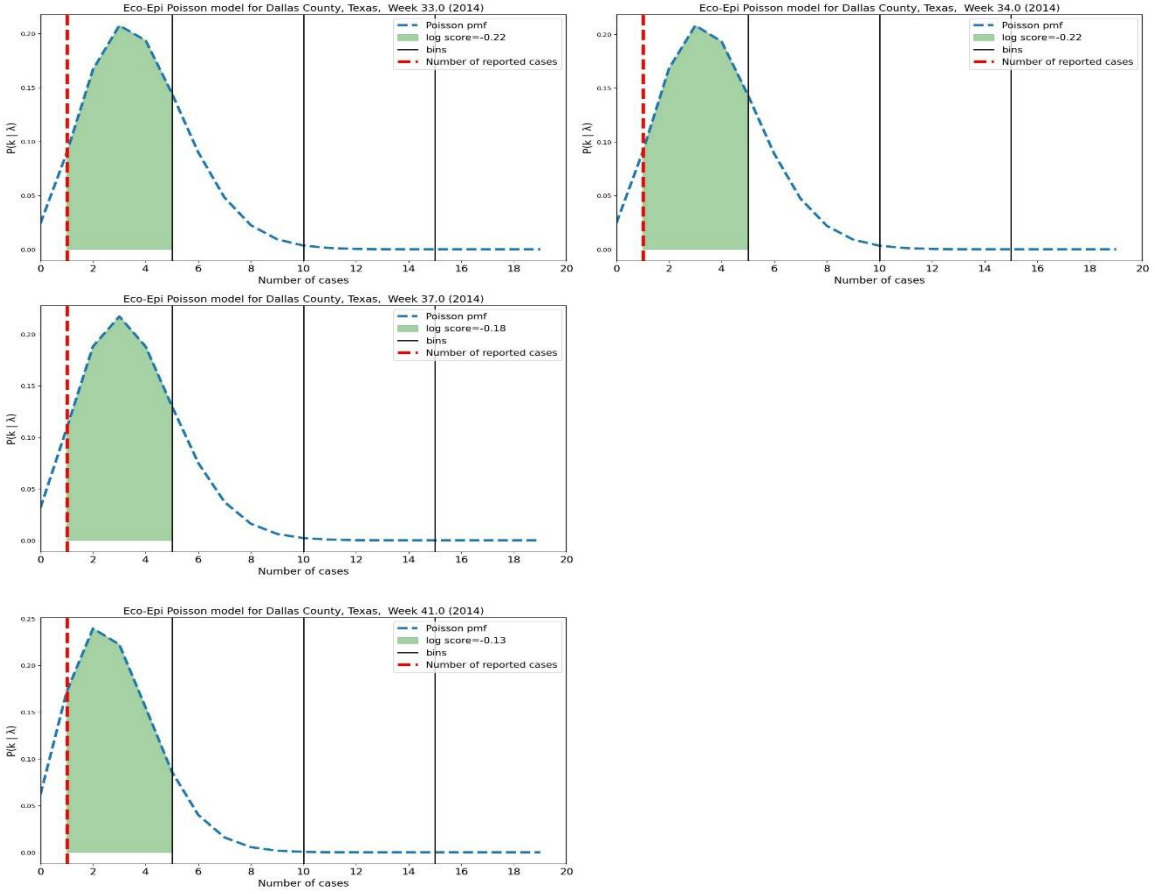

NB model for Los Angeles County, California, Week 49 (2024)
Negative Binomial pmf
log score=-0.56
Number of reported cases
bins
P(k | μ)
Number of cases

1.2.2.7 Logarithmic comparison of the models-Dallas County, Texas (2014-2024):

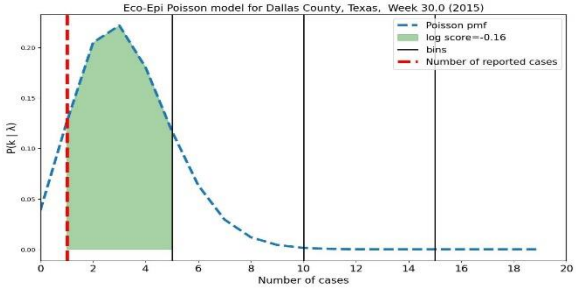


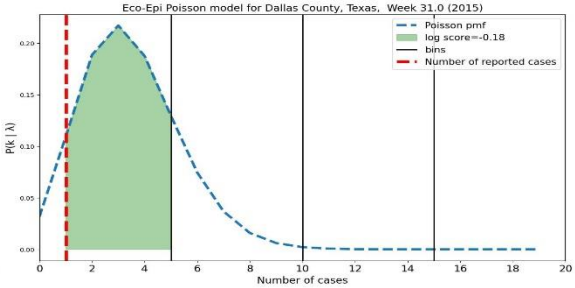


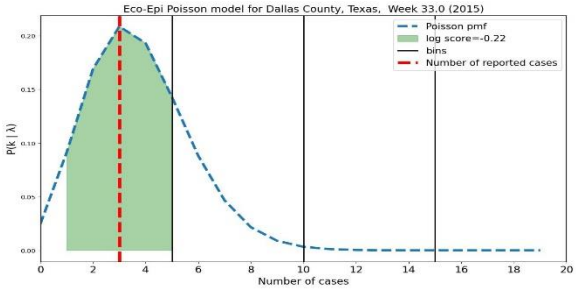
1.2.2.8 Predicted Poisson and NB pmfs and logarithmic score-Dallas County, Texas: 2014

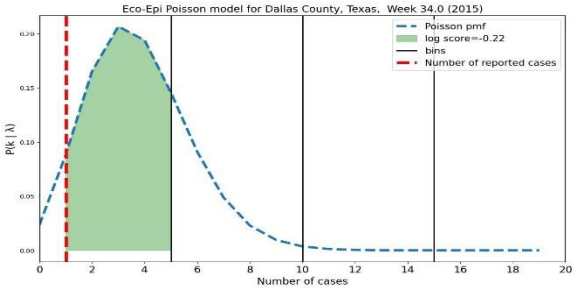


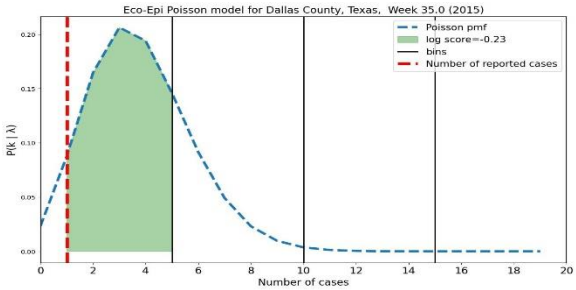
2015

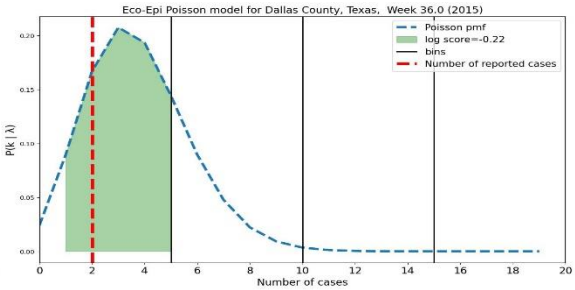

Eco-Epi Poisson model for Dallas County, Texas, Week 30.0 (2015)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

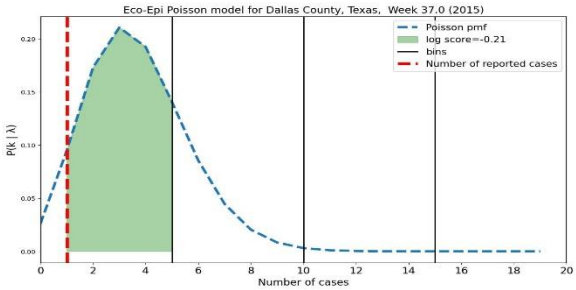

Eco-Epi Poisson model for Dallas County, Texas, Week 31.0 (2015)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases

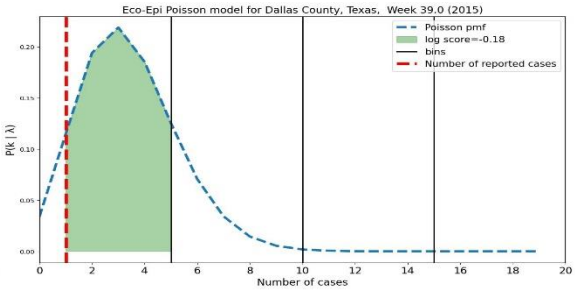

Eco-Epi Poisson model for Dallas County, Texas, Week 33.0 (2015)
Poisson pmf
log score=-0.22
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Dallas County, Texas, Week 34.0 (2015)
Poisson pmf
log score=-0.22
bins
Number of reported cases
P(k | λ)
Number of cases

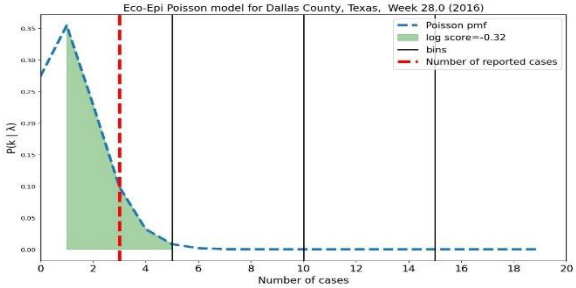

Eco-Epi Poisson model for Dallas County, Texas, Week 35.0 (2015)
Poisson pmf
log score=-0.23
bins
Number of reported cases
P(k | λ)
Number of cases

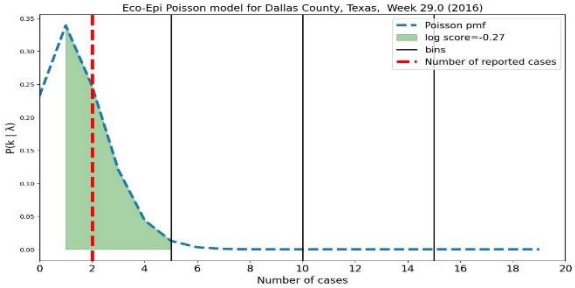

Eco-Epi Poisson model for Dallas County, Texas, Week 36.0 (2015)
Poisson pmf
log score=-0.22
bins
Number of reported cases
P(k | λ)
Number of cases

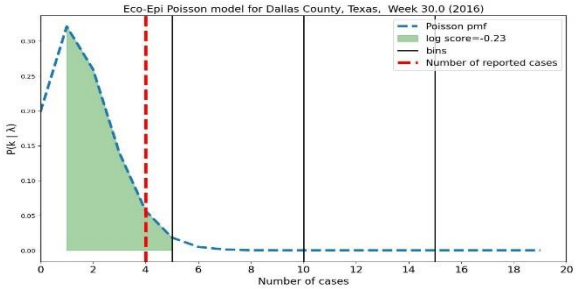

Eco-Epi Poisson model for Dallas County, Texas, Week 37.0 (2015)
Poisson pmf
log score=-0.21
bins
Number of reported cases
P(k | λ)
Number of cases

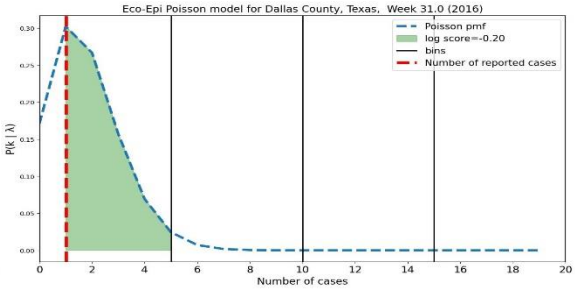

Eco-Epi Poisson model for Dallas County, Texas, Week 39.0 (2015)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases

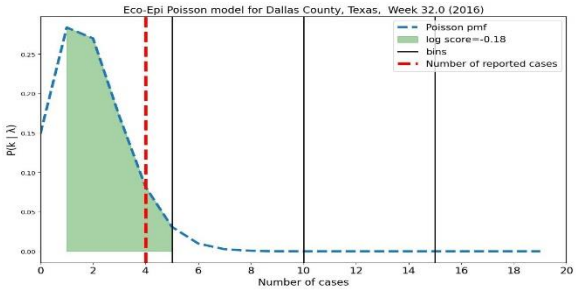
2016

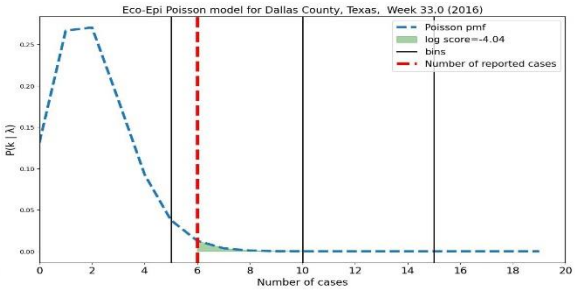

Eco-Epi Poisson model for Dallas County, Texas, Week 28.0 (2016)
Poisson pmf
log score=-0.32
bins
Number of reported cases
P(k | λ)
Number of cases

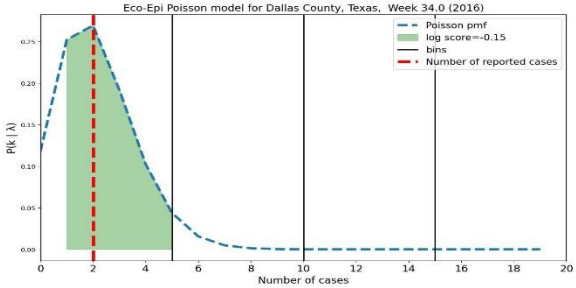

Eco-Epi Poisson model for Dallas County, Texas, Week 29.0 (2016)
Poisson pmf
log score=-0.27
bins
Number of reported cases
P(k | λ)
Number of cases

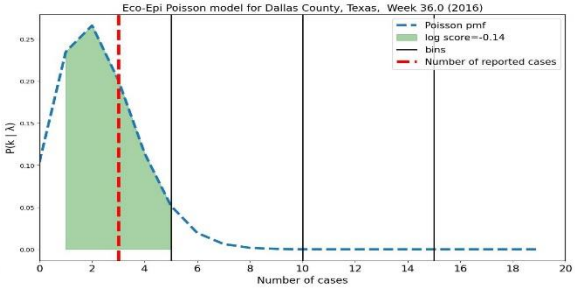

Eco-Epi Poisson model for Dallas County, Texas, Week 30.0 (2016)
Poisson pmf
log score=-0.23
bins
Number of reported cases
P(k | λ)
Number of cases

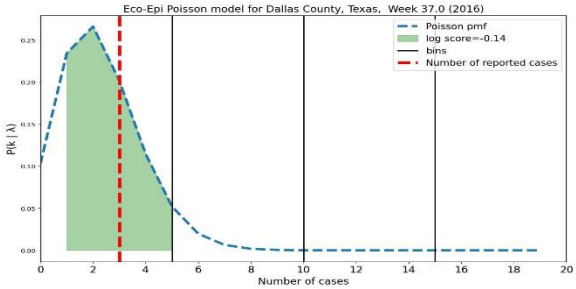

Eco-Epi Poisson model for Dallas County, Texas, Week 31.0 (2016)
Poisson pmf
log score=-0.20
bins
Number of reported cases
P(k | λ)
Number of cases

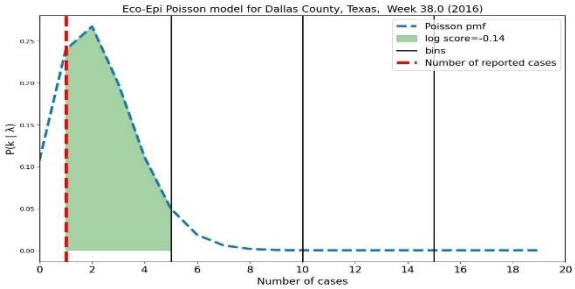

Eco-Epi Poisson model for Dallas County, Texas, Week 32.0 (2016)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases

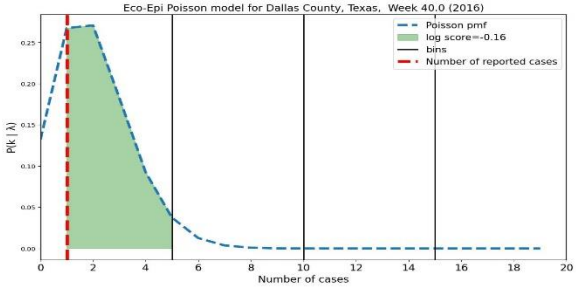

Eco-Epi Poisson model for Dallas County, Texas, Week 33.0 (2016)
Poisson pmf
log score=-4.04
bins
Number of reported cases
P(k | λ)
Number of cases

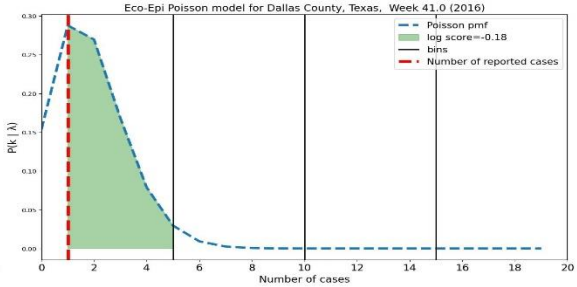

Eco-Epi Poisson model for Dallas County, Texas, Week 34.0 (2016)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

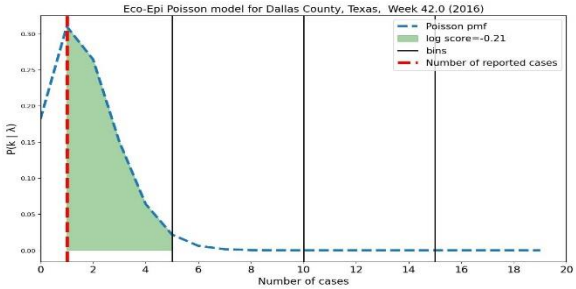

Eco-Epi Poisson model for Dallas County, Texas, Week 36.0 (2016)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

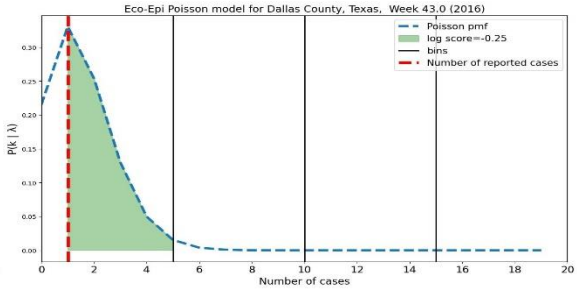

Eco-Epi Poisson model for Dallas County, Texas, Week 37.0 (2016)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

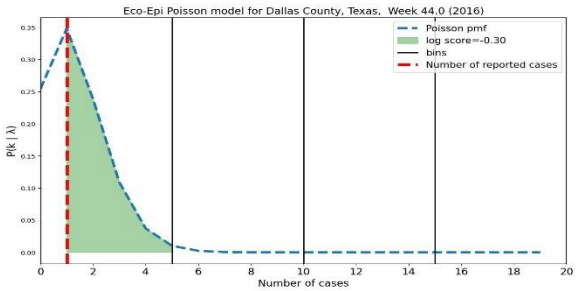

Eco-Epi Poisson model for Dallas County, Texas, Week 38.0 (2016)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

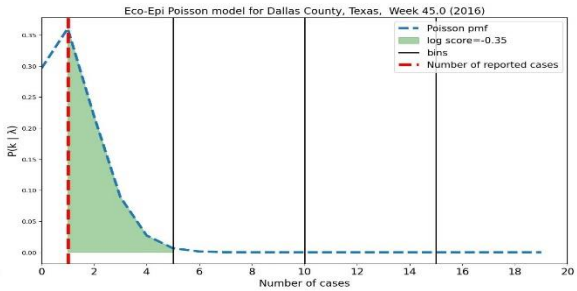

Eco-Epi Poisson model for Dallas County, Texas, Week 40.0 (2016)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

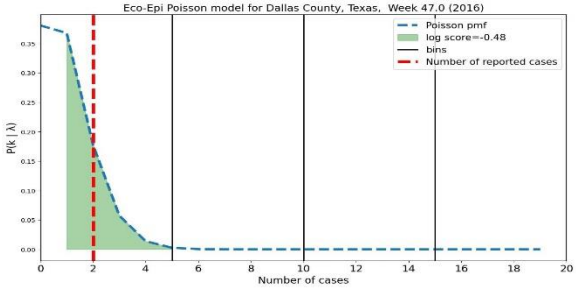

Eco-Epi Poisson model for Dallas County, Texas, Week 41.0 (2016)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases

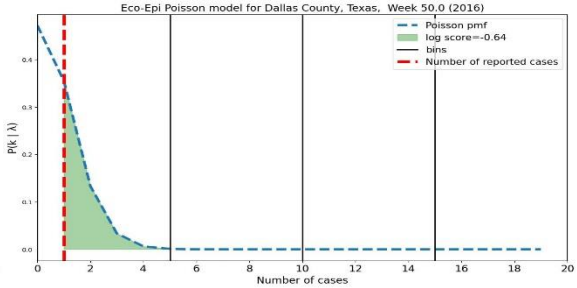

Eco-Epi Poisson model for Dallas County, Texas, Week 42.0 (2016)
Poisson pmf
log score=-0.21
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Dallas County, Texas, Week 43.0 (2016)
Poisson pmf
log score=-0.25
bins
Number of reported cases
P(k | λ)
Number of cases

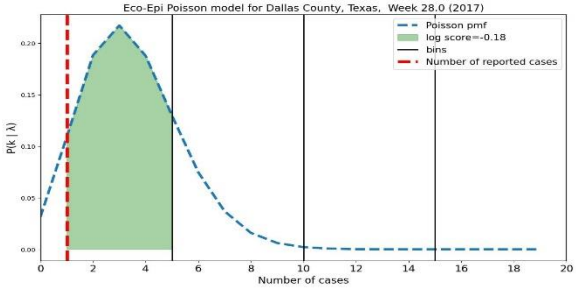

Eco-Epi Poisson model for Dallas County, Texas, Week 44.0 (2016)
Poisson pmf
log score=-0.30
bins
Number of reported cases
P(k | λ)
Number of cases

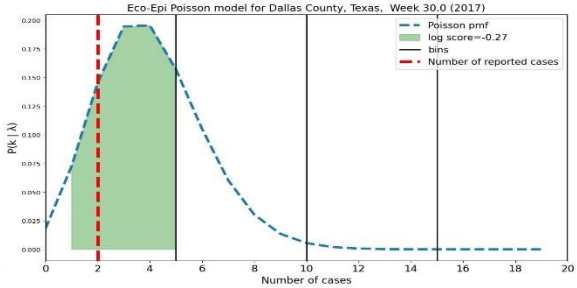

Eco-Epi Poisson model for Dallas County, Texas, Week 45.0 (2016)
Poisson pmf
log score=-0.35
bins
Number of reported cases
P(k | λ)
Number of cases

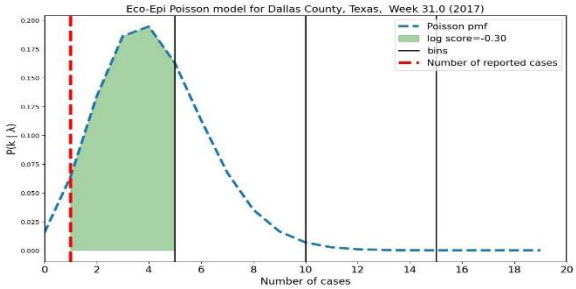

Eco-Epi Poisson model for Dallas County, Texas, Week 47.0 (2016)
Poisson pmf
log score=-0.48
bins
Number of reported cases
P(k | λ)
Number of cases

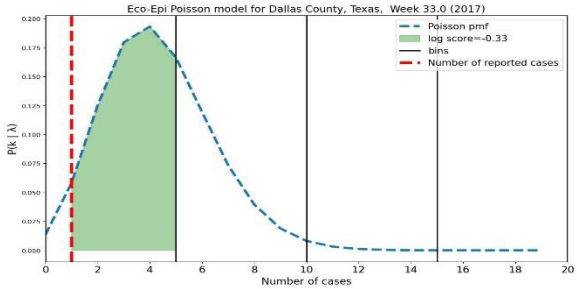

Eco-Epi Poisson model for Dallas County, Texas, Week 50.0 (2016)
Poisson pmf
log score=-0.64
bins
Number of reported cases
P(k | λ)
Number of cases

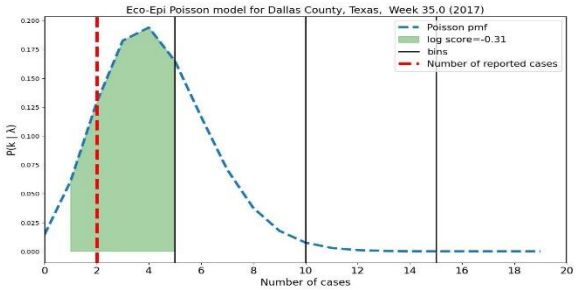
2017

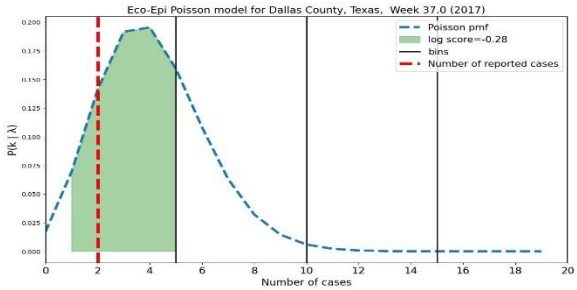

Eco-Epi Poisson model for Dallas County, Texas, Week 28,0 (2017)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases

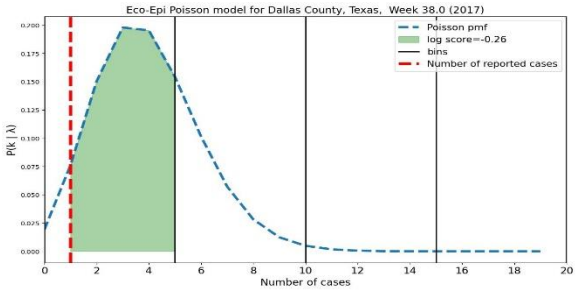

Eco-Epi Poisson model for Dallas County, Texas, Week 30,0 (2017)
Poisson pmf
log score=-0.27
bins
Number of reported cases
P(k | λ)
Number of cases

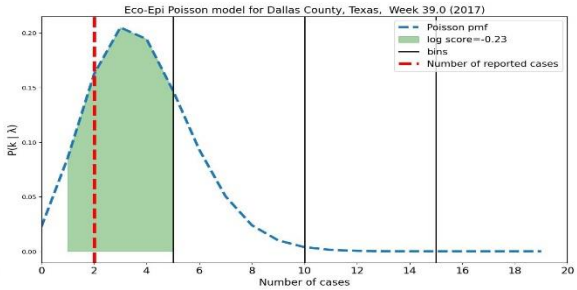

Eco-Epi Poisson model for Dallas County, Texas, Week 31,0 (2017)
Poisson pmf
log score=-0.30
bins
Number of reported cases
P(k | λ)
Number of cases

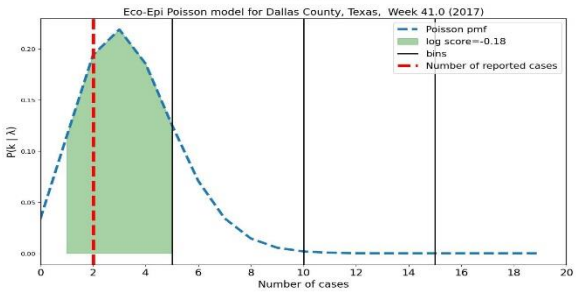

Eco-Epi Poisson model for Dallas County, Texas, Week 33,0 (2017)
Poisson pmf
log score=-0.33
bins
Number of reported cases
P(k | λ)
Number of cases

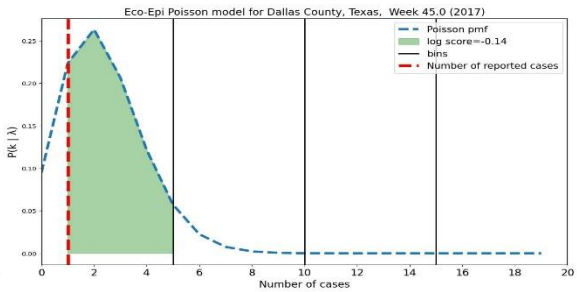

Eco-Epi Poisson model for Dallas County, Texas, Week 35,0 (2017)
Poisson pmf
log score=-0.31
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Dallas County, Texas, Week 37,0 (2017)
Poisson pmf
log score=-0.28
bins
Number of reported cases
P(k | λ)
Number of cases

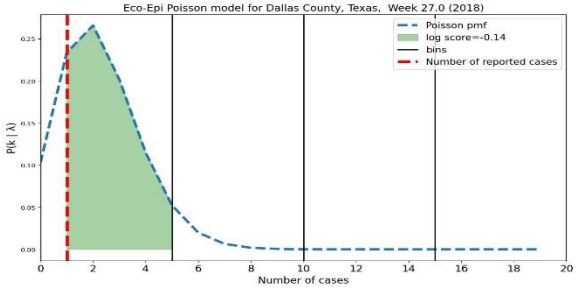

Eco-Epi Poisson model for Dallas County, Texas, Week 38,0 (2017)
Poisson pmf
log score=-0.26
bins
Number of reported cases
P(k | λ)
Number of cases

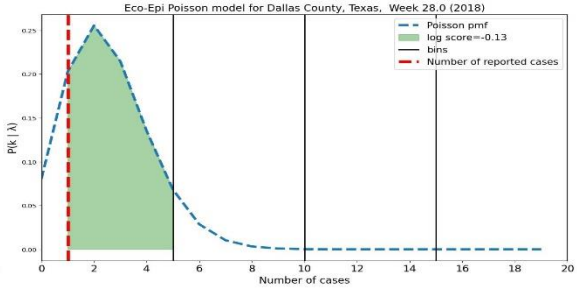

Eco-Epi Poisson model for Dallas County, Texas, Week 39,0 (2017)
Poisson pmf
log score=-0.23
bins
Number of reported cases
P(k | λ)
Number of cases

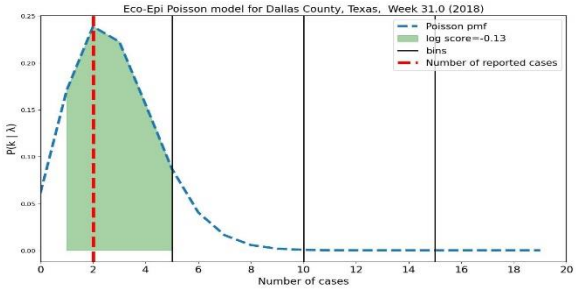

Eco-Epi Poisson model for Dallas County, Texas, Week 41,0 (2017)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases

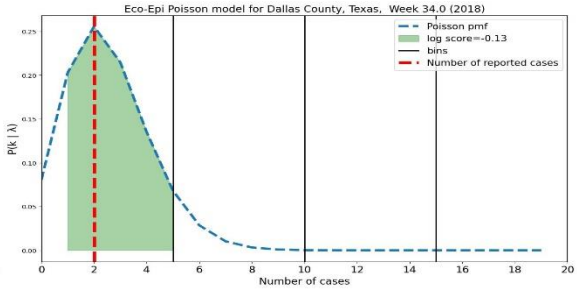

Eco-Epi Poisson model for Dallas County, Texas, Week 45,0 (2017)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

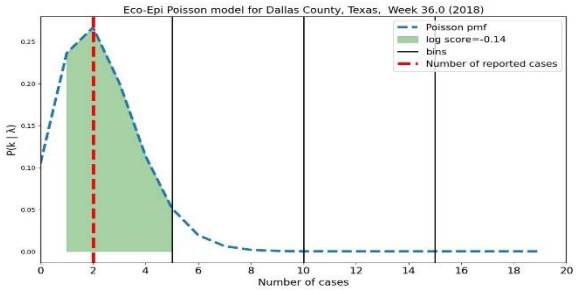
2018

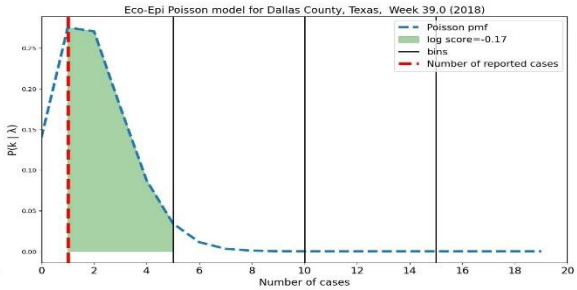

Eco-Epi Poisson model for Dallas County, Texas, Week 27.0 (2018)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

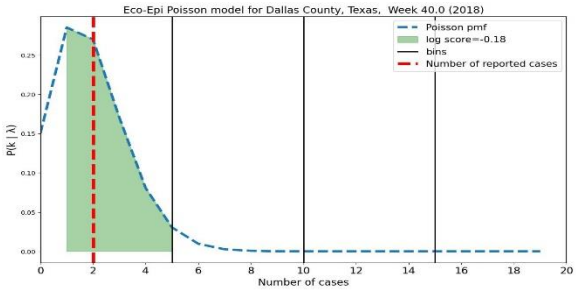

Eco-Epi Poisson model for Dallas County, Texas, Week 28.0 (2018)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Dallas County, Texas, Week 31.0 (2018)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

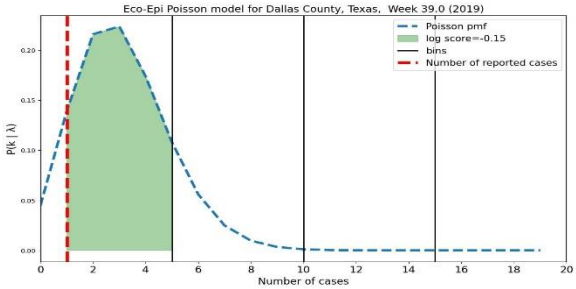

Eco-Epi Poisson model for Dallas County, Texas, Week 34.0 (2018)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

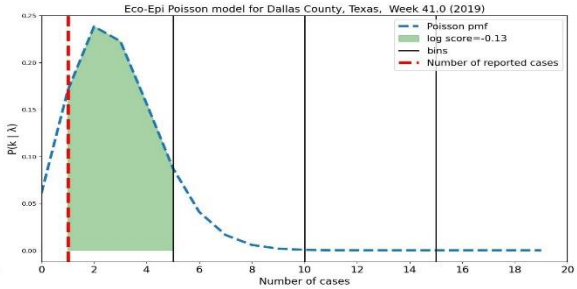

Eco-Epi Poisson model for Dallas County, Texas, Week 36.0 (2018)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Dallas County, Texas, Week 39.0 (2018)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

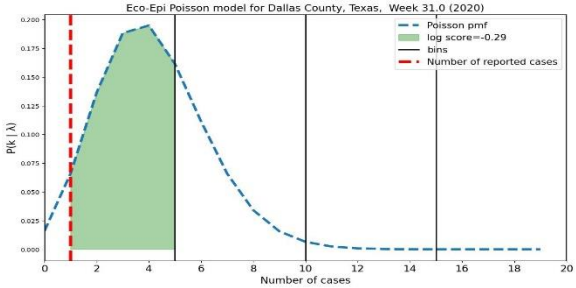

Eco-Epi Poisson model for Dallas County, Texas, Week 40.0 (2018)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases

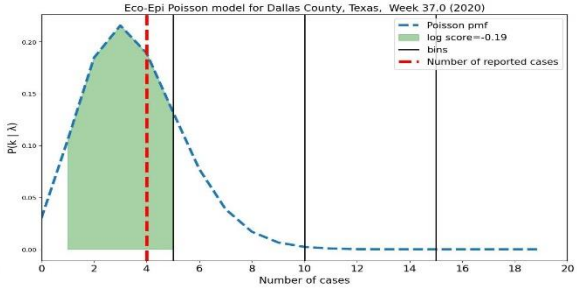
2019

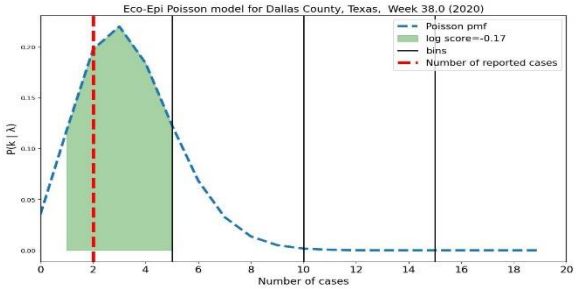

Eco-Epi Poisson model for Dallas County, Texas, Week 39.0 (2019)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

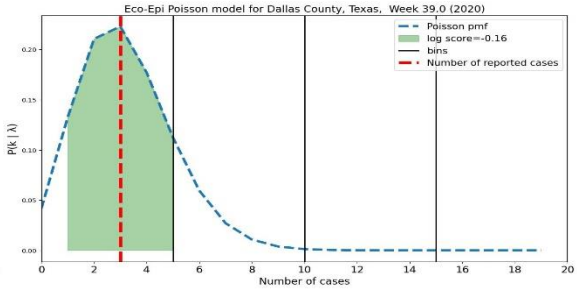

Eco-Epi Poisson model for Dallas County, Texas, Week 41.0 (2019)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

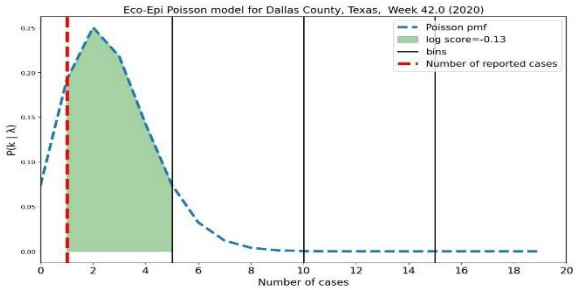
2020

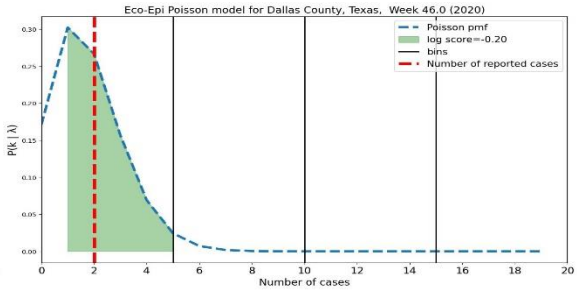

Eco-Epi Poisson model for Dallas County, Texas, Week 31.0 (2020)
Poisson pmf
log score=-0.29
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Dallas County, Texas, Week 37.0 (2020)
Poisson pmf
log score=-0.19
bins
Number of reported cases
P(k | λ)
Number of cases

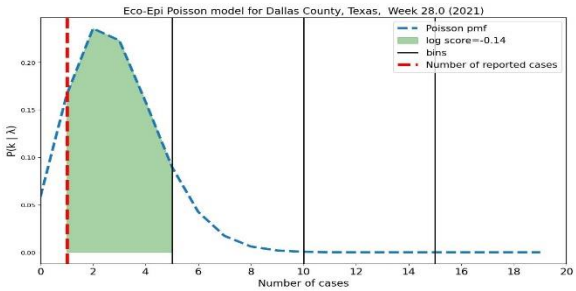

Eco-Epi Poisson model for Dallas County, Texas, Week 38.0 (2020)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

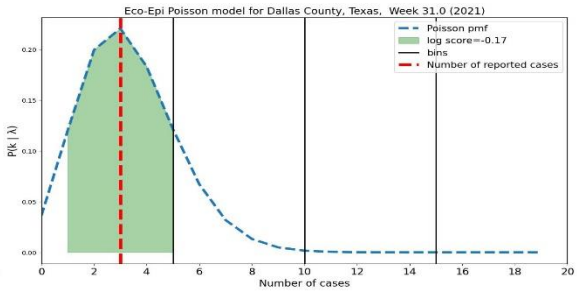

Eco-Epi Poisson model for Dallas County, Texas, Week 39.0 (2020)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

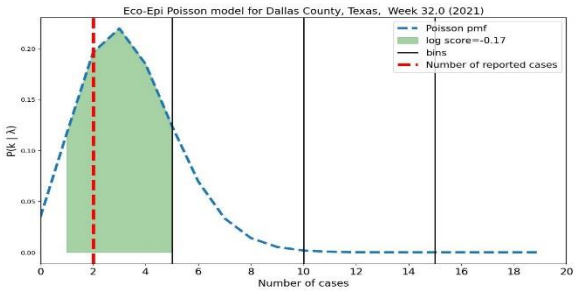

Eco-Epi Poisson model for Dallas County, Texas, Week 42.0 (2020)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

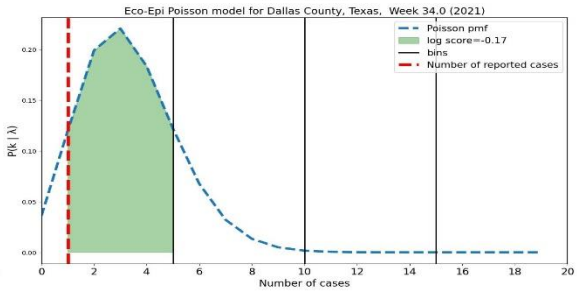

Eco-Epi Poisson model for Dallas County, Texas, Week 46.0 (2020)
Poisson pmf
log score=-0.20
bins
Number of reported cases
P(k | λ)
Number of cases

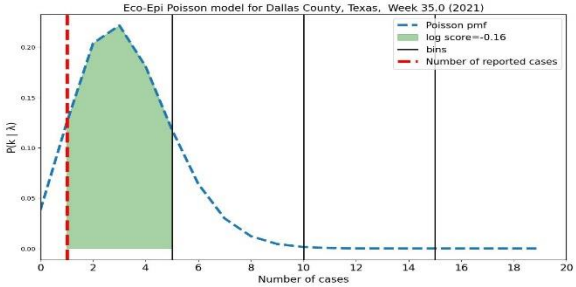
2021

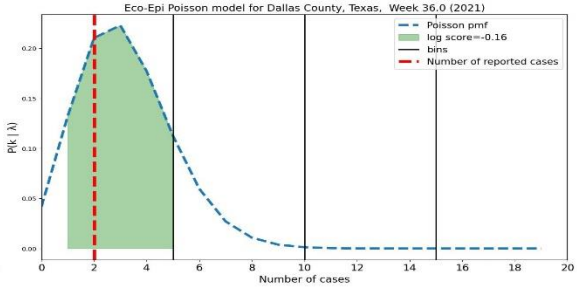

Eco-Epi Poisson model for Dallas County, Texas, Week 28.0 (2021)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

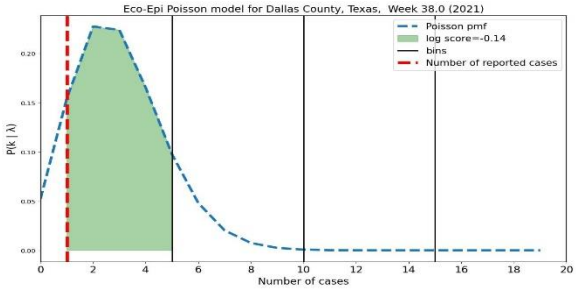

Eco-Epi Poisson model for Dallas County, Texas, Week 31.0 (2021)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

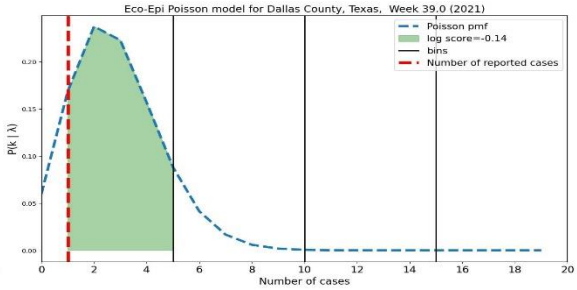

Eco-Epi Poisson model for Dallas County, Texas, Week 32.0 (2021)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

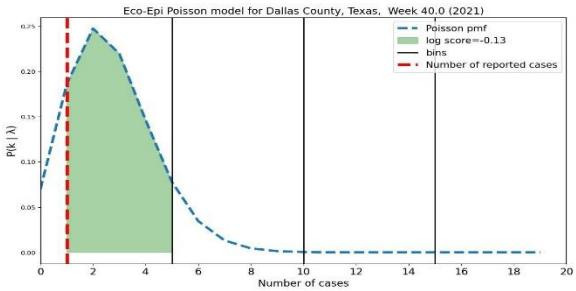

Eco-Epi Poisson model for Dallas County, Texas, Week 34.0 (2021)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

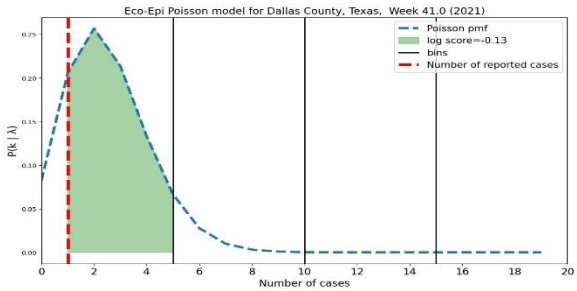

Eco-Epi Poisson model for Dallas County, Texas, Week 35.0 (2021)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

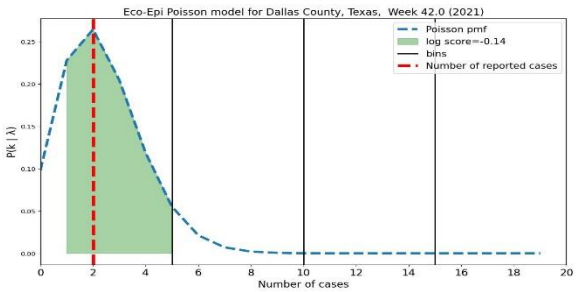

Eco-Epi Poisson model for Dallas County, Texas, Week 36.0 (2021)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

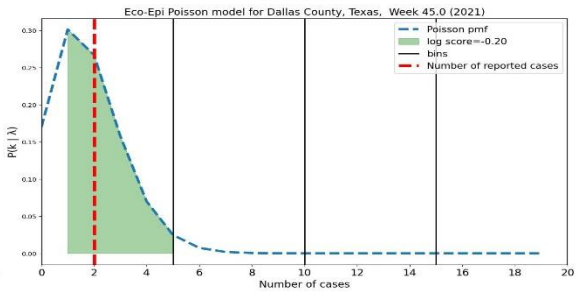

Eco-Epi Poisson model for Dallas County, Texas, Week 38.0 (2021)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

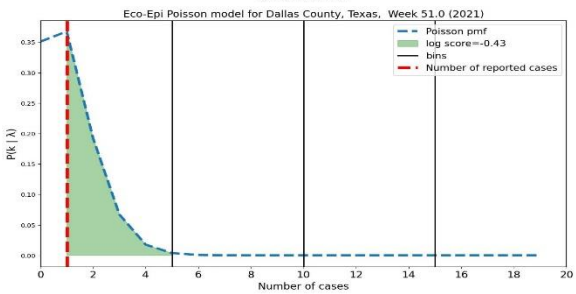

Eco-Epi Poisson model for Dallas County, Texas, Week 39.0 (2021)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Dallas County, Texas, Week 40.0 (2021)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

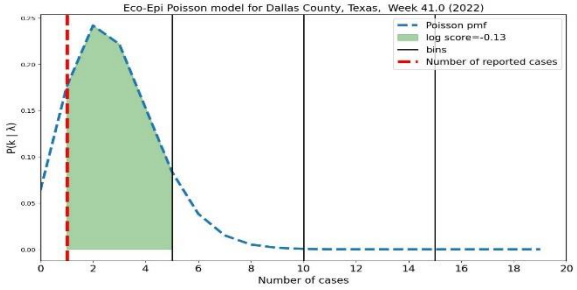

Eco-Epi Poisson model for Dallas County, Texas, Week 41.0 (2021)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

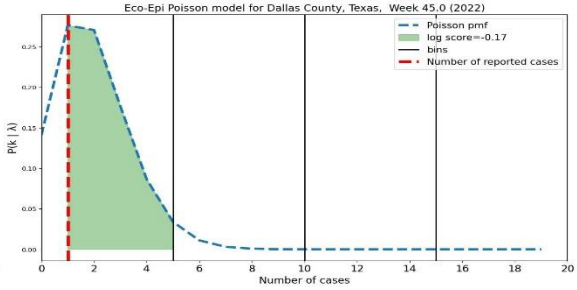

Eco-Epi Poisson model for Dallas County, Texas, Week 42.0 (2021)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Dallas County, Texas, Week 45.0 (2021)
Poisson pmf
log score=-0.20
bins
Number of reported cases
P(k | λ)
Number of cases

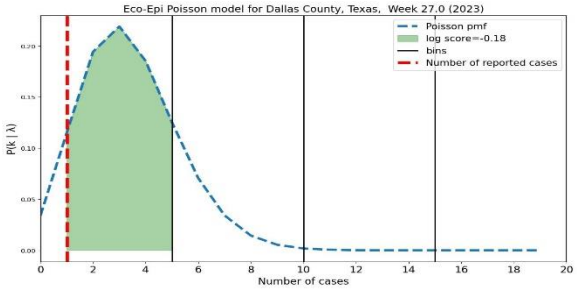

Eco-Epi Poisson model for Dallas County, Texas, Week 51.0 (2021)
Poisson pmf
log score=-0.43
bins
Number of reported cases
P(k | λ)
Number of cases

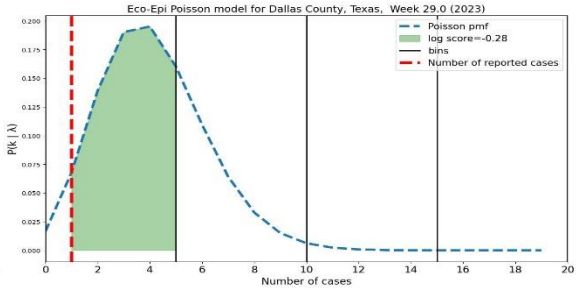
2022

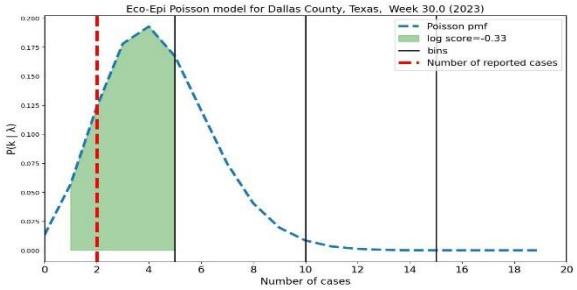

Eco-Epi Poisson model for Dallas County, Texas, Week 41,0 (2022)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

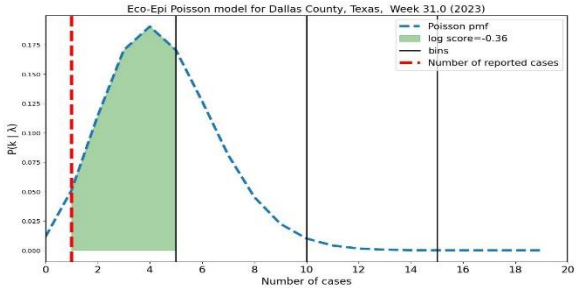

Eco-Epi Poisson model for Dallas County, Texas, Week 45,0 (2022)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

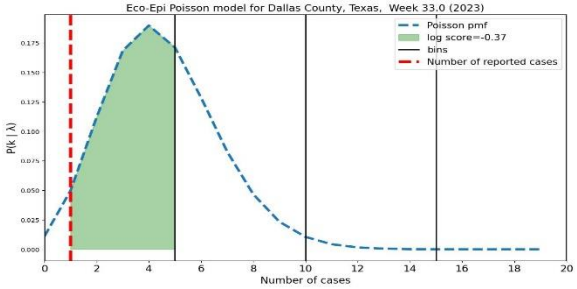
2023

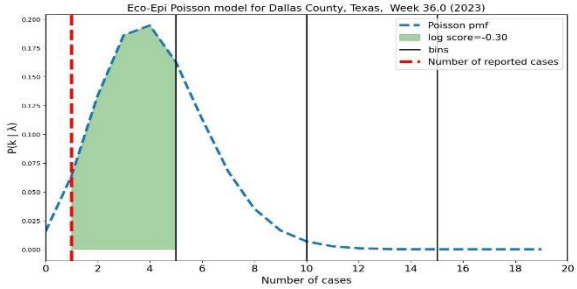

Eco-Epi Poisson model for Dallas County, Texas, Week 27,0 (2023)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases

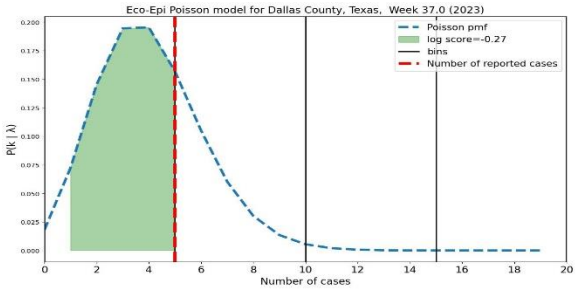

Eco-Epi Poisson model for Dallas County, Texas, Week 29,0 (2023)
Poisson pmf
log score=-0.28
bins
Number of reported cases
P(k | λ)
Number of cases

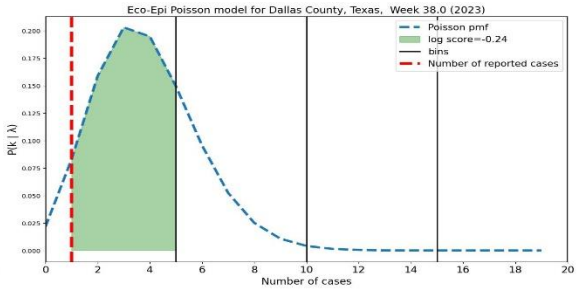

Eco-Epi Poisson model for Dallas County, Texas, Week 30,0 (2023)
Poisson pmf
log score=-0.33
bins
Number of reported cases
P(k | λ)
Number of cases

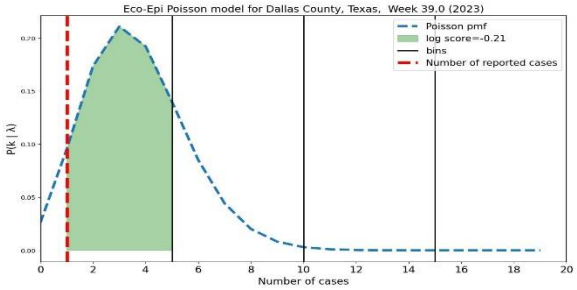

Eco-Epi Poisson model for Dallas County, Texas, Week 31,0 (2023)
Poisson pmf
log score=-0.36
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Dallas County, Texas, Week 33,0 (2023)
Poisson pmf
log score=-0.37
bins
Number of reported cases
P(k | λ)
Number of cases

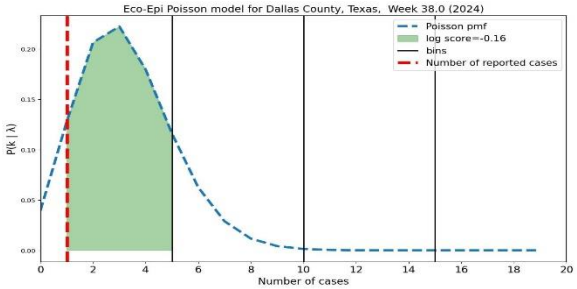

Eco-Epi Poisson model for Dallas County, Texas, Week 36,0 (2023)
Poisson pmf
log score=-0.30
bins
Number of reported cases
P(k | λ)
Number of cases

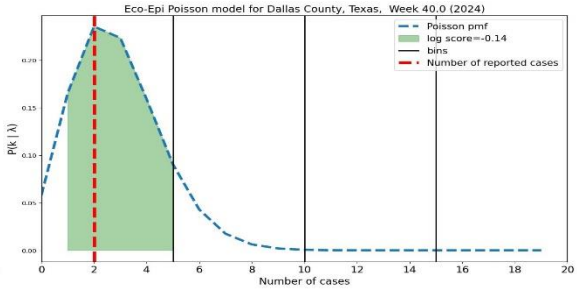

Eco-Epi Poisson model for Dallas County, Texas, Week 37.0 (2023)
Poisson pmf
log score=-0.27
bins
Number of reported cases
P(k | λ)
Number of cases

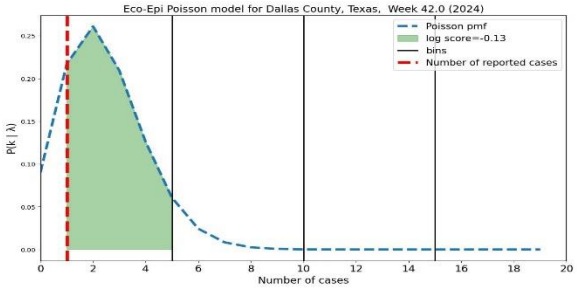

Eco-Epi Poisson model for Dallas County, Texas, Week 38.0 (2023)
Poisson pmf
log score=-0.24
bins
Number of reported cases
P(k | λ)
Number of cases

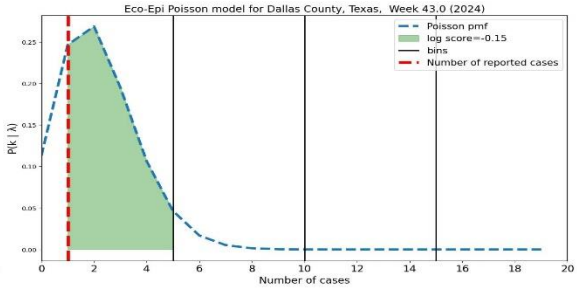

Eco-Epi Poisson model for Dallas County, Texas, Week 39.0 (2023)
Poisson pmf
log score=-0.21
bins
Number of reported cases
P(k | λ)
Number of cases

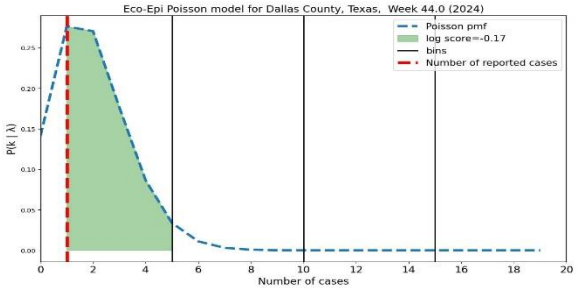
2024

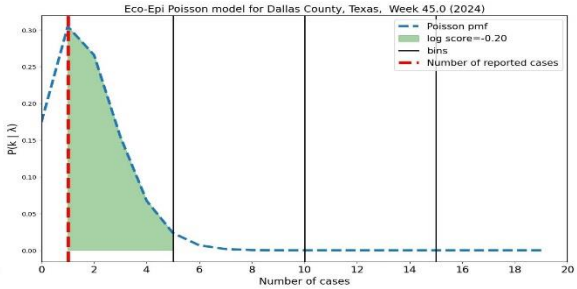

Eco-Epi Poisson model for Dallas County, Texas, Week 38.0 (2024)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

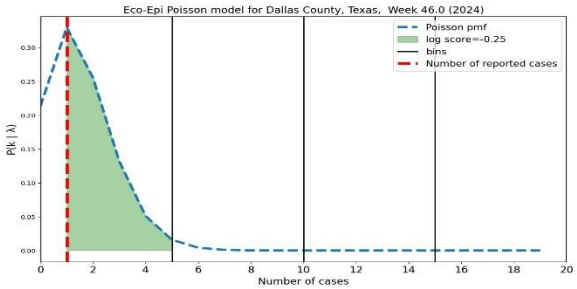

Eco-Epi Poisson model for Dallas County, Texas, Week 40.0 (2024)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

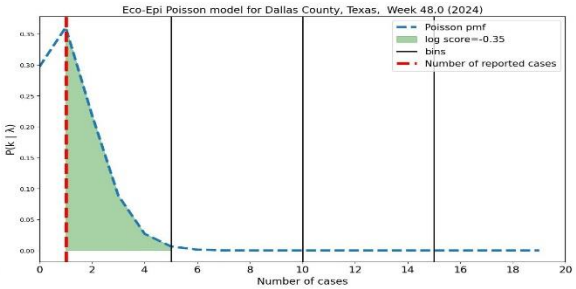

Eco-Epi Poisson model for Dallas County, Texas, Week 42.0 (2024)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

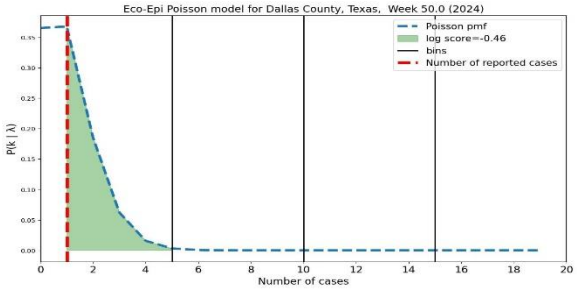

Eco-Epi Poisson model for Dallas County, Texas, Week 43.0 (2024)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Dallas County, Texas, Week 44.0 (2024)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

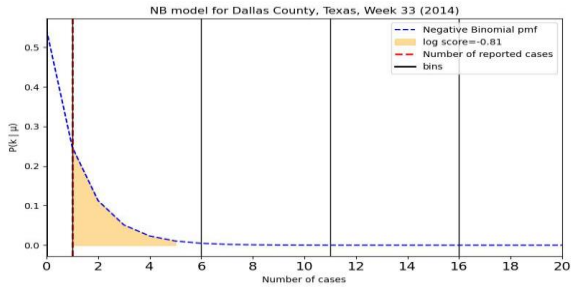

Eco-Epi Poisson model for Dallas County, Texas, Week 45.0 (2024)
Poisson pmf
log score=-0.20
bins
Number of reported cases
P(k | λ)
Number of cases

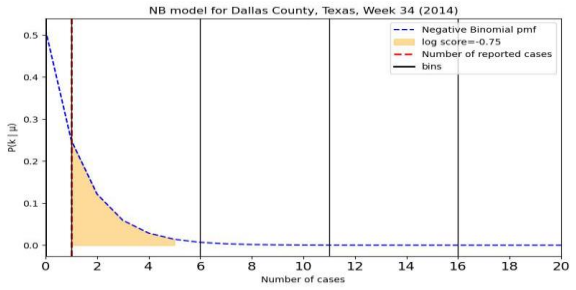


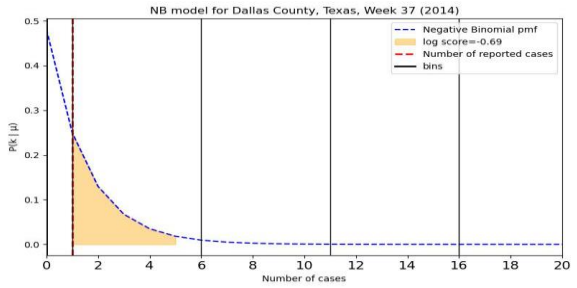


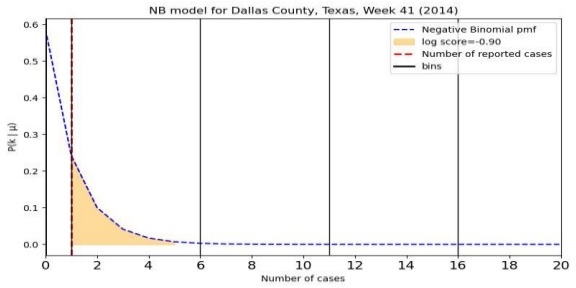


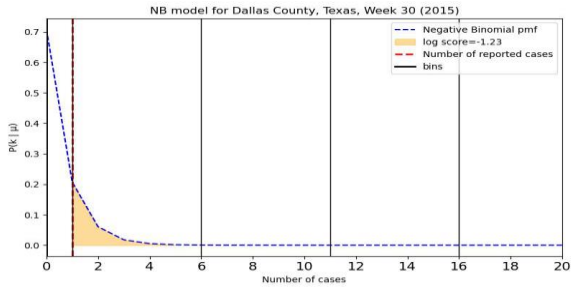
NB-Dallas County-(2014-2024)

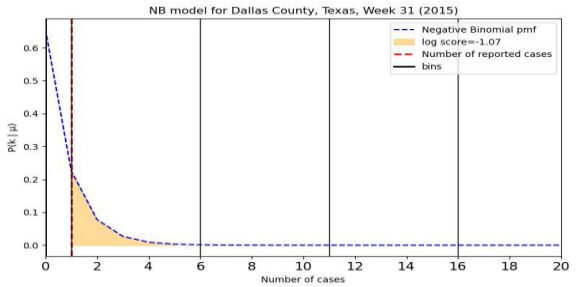


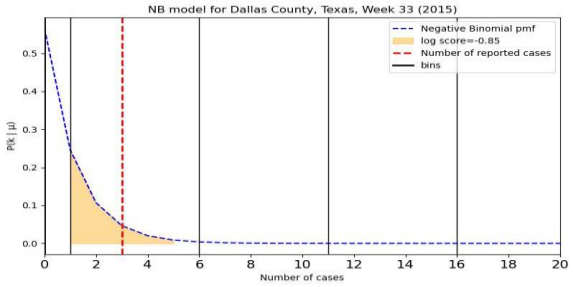


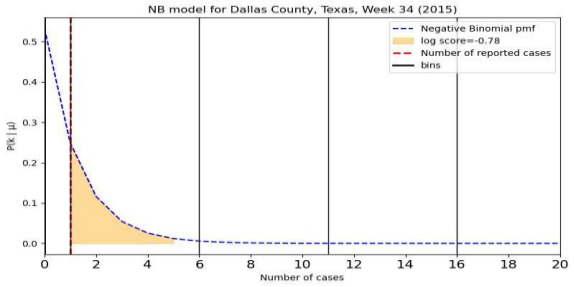


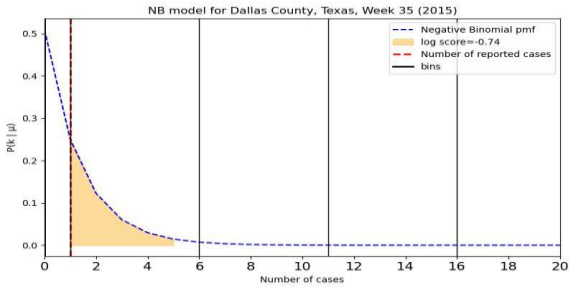


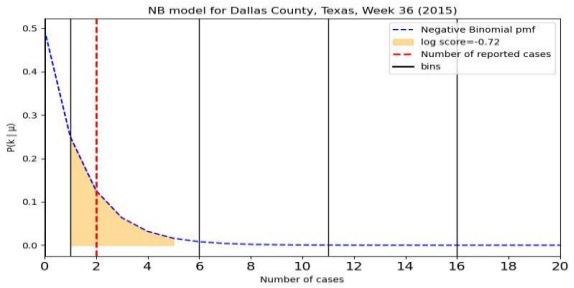


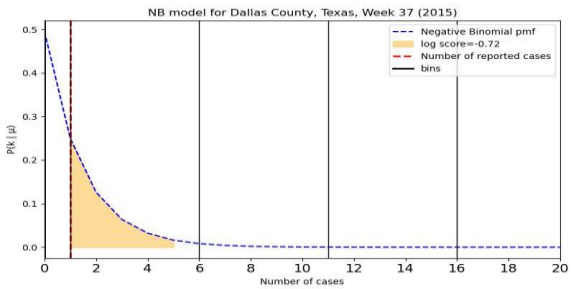


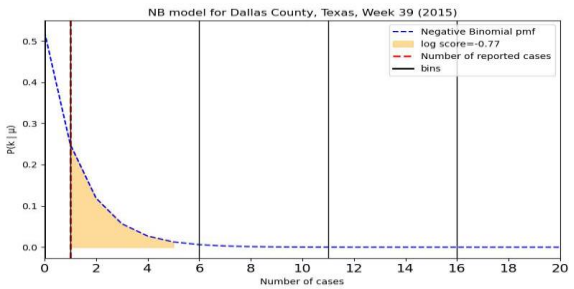

NB model for Dallas County, Texas, Week 33 (2015)
Negative Binomial pmf
log score=-0.85
Number of reported cases
bins
P(k | μ)
Number of cases

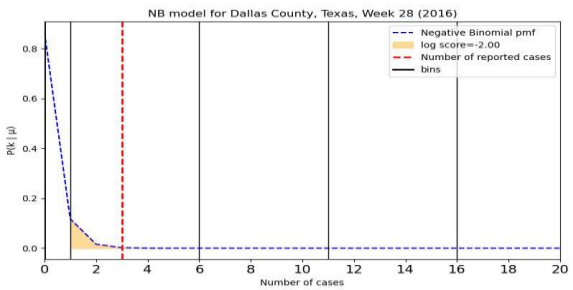

NB model for Dallas County, Texas, Week 34 (2015)
Negative Binomial pmf
log score=-0.78
Number of reported cases
bins
P(k | μ)
Number of cases

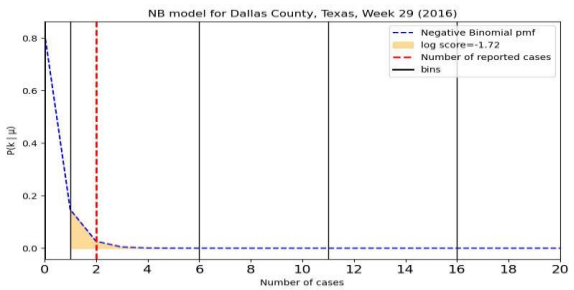

NB model for Dallas County, Texas, Week 35 (2015)
Negative Binomial pmf
log score=-0.74
Number of reported cases
bins
P(k | μ)
Number of cases

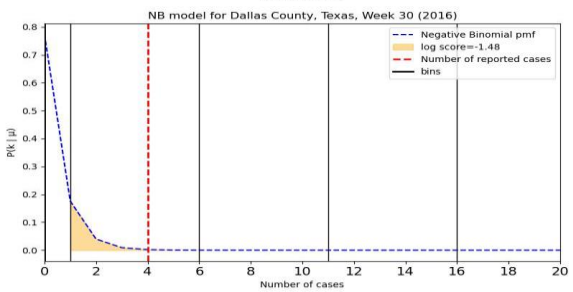

NB model for Dallas County, Texas, Week 36 (2015)
Negative Binomial pmf
log score=-0.72
Number of reported cases
bins
P(k | μ)
Number of cases

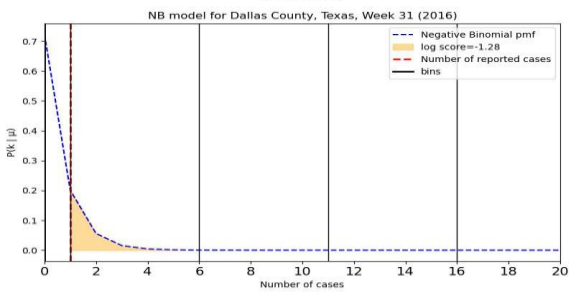

NB model for Dallas County, Texas, Week 37 (2015)
Negative Binomial pmf
log score=-0.72
Number of reported cases
bins
P(k | μ)
Number of cases

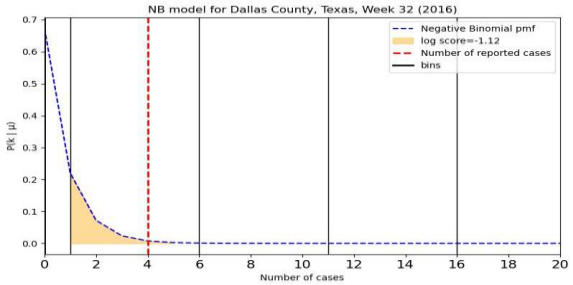

NB model for Dallas County, Texas, Week 39 (2015)
Negative Binomial pmf
log score=-0.77
Number of reported cases
bins
P(k | μ)
Number of cases

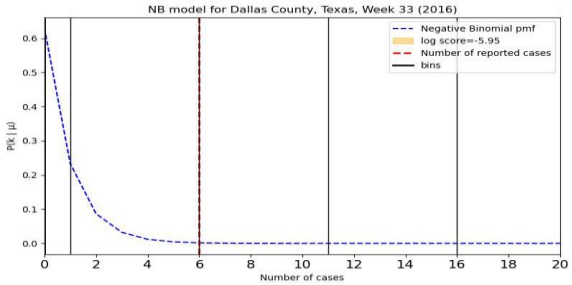

NB model for Dallas County, Texas, Week 28 (2016)
Negative Binomial pmf
log score=-2.00
Number of reported cases
bins
P(k | μ)
Number of cases

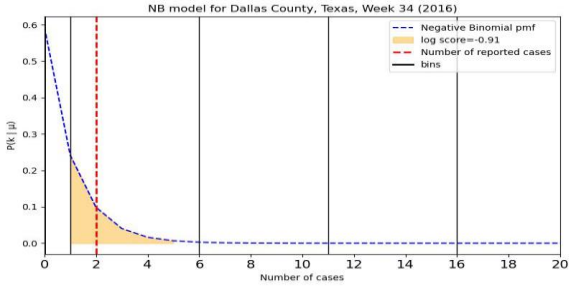

NB model for Dallas County, Texas, Week 29 (2016)
Negative Binomial pmf
log score=-1.72
Number of reported cases
bins
P(k | μ)
Number of cases

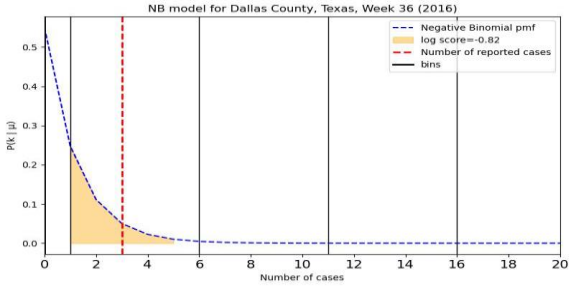

NB model for Dallas County, Texas, Week 30 (2016)
Negative Binomial pmf
log score=-1.48
Number of reported cases
bins
P(k | μ)
Number of cases

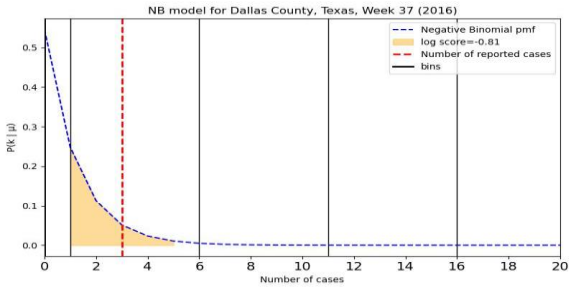

NB model for Dallas County, Texas, Week 31 (2016)
Negative Binomial pmf
log score=-1.28
Number of reported cases
bins
P(k | μ)
Number of cases

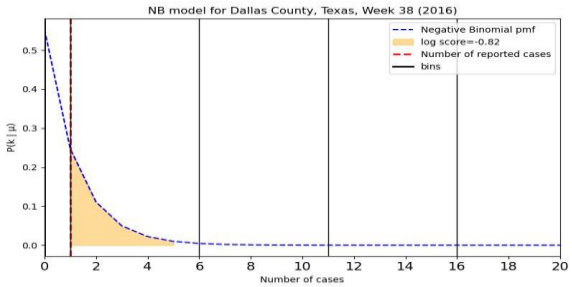

NB model for Dallas County, Texas, Week 32 (2016)
Negative Binomial pmf
log score=-1.12
Number of reported cases
bins
P(k | μ)
Number of cases

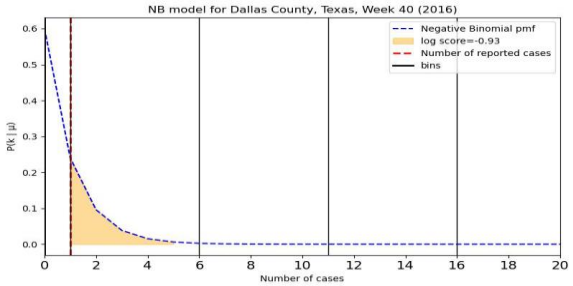

NB model for Dallas County, Texas, Week 33 (2016)
Negative Binomial pmf
log score=-5.95
Number of reported cases
bins
P(k | μ)
Number of cases

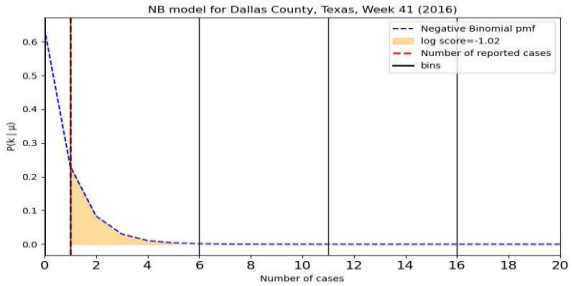

NB model for Dallas County, Texas, Week 34 (2016)
Negative Binomial pmf
log score=-0.91
Number of reported cases
bins
P(k | μ)
Number of cases

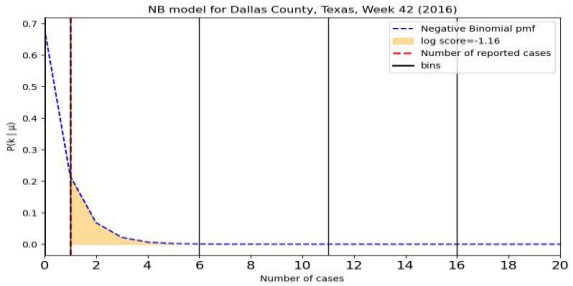

NB model for Dallas County, Texas, Week 36 (2016)
Negative Binomial pmf
log score=-0.82
Number of reported cases
bins
P(k | μ)
Number of cases

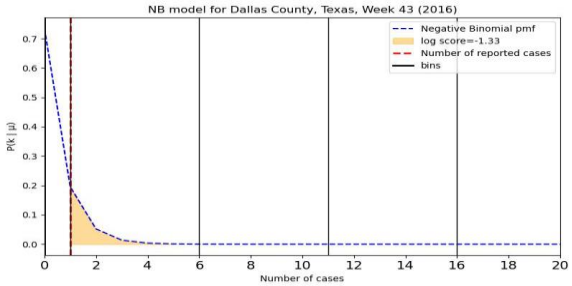

NB model for Dallas County, Texas, Week 37 (2016)
Negative Binomial pmf
log score=-0.81
Number of reported cases
bins
P(k | μ)
Number of cases

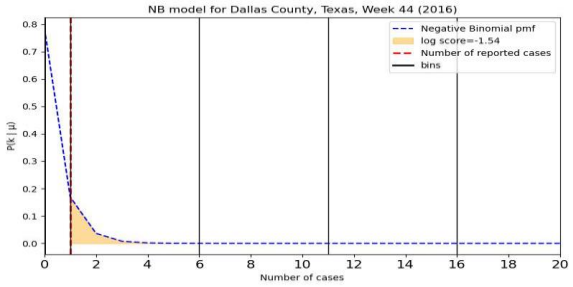

NB model for Dallas County, Texas, Week 38 (2016)
Negative Binomial pmf
log score=-0.82
Number of reported cases
bins
P(k | μ)
Number of cases

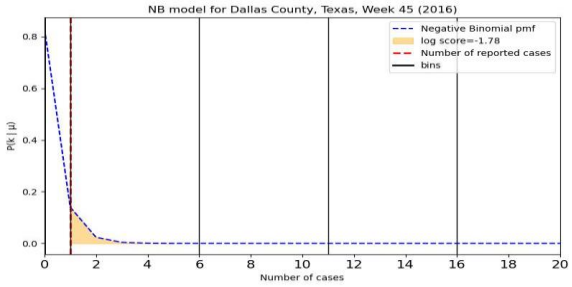

NB model for Dallas County, Texas, Week 40 (2016)
Negative Binomial pmf
log score=-0.93
Number of reported cases
bins
P(k | μ)
Number of cases

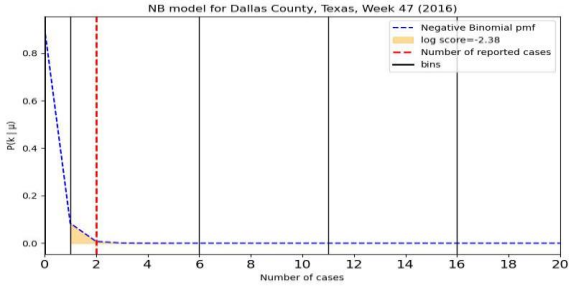

NB model for Dallas County, Texas, Week 41 (2016)
Negative Binomial pmf
log score=-1.02
Number of reported cases
bins
P(k | μ)
Number of cases

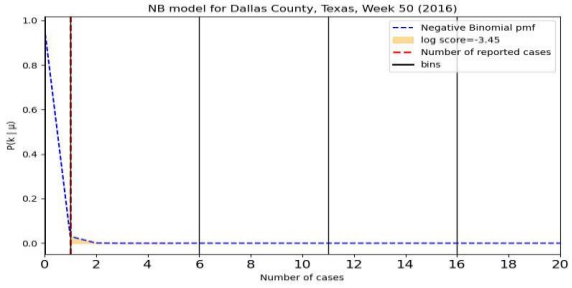

NB model for Dallas County, Texas, Week 42 (2016)
Negative Binomial pmf
log score=-1.16
Number of reported cases
bins
P(k | μ)
Number of cases

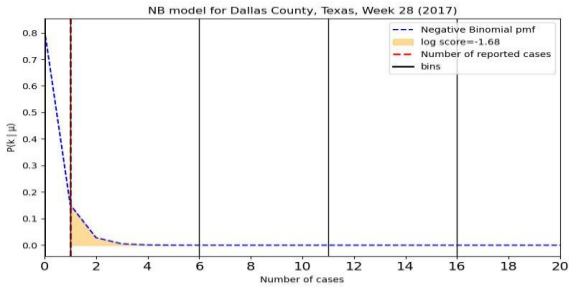

NB model for Dallas County, Texas, Week 43 (2016)
Negative Binomial pmf
log score=-1.33
Number of reported cases
bins
P(k | μ)
Number of cases

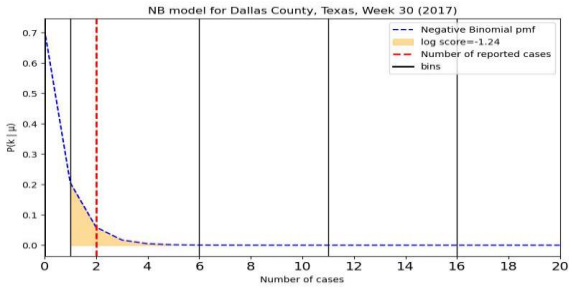

NB model for Dallas County, Texas, Week 44 (2016)
Negative Binomial pmf
log score=-1.54
Number of reported cases
bins
P(k | μ)
Number of cases

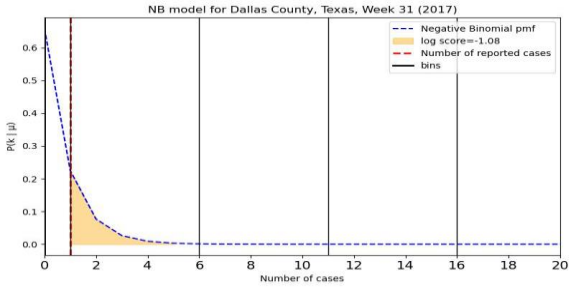

NB model for Dallas County, Texas, Week 45 (2016)
Negative Binomial pmf
log score=-1.78
Number of reported cases
bins
P(k | μ)
Number of cases

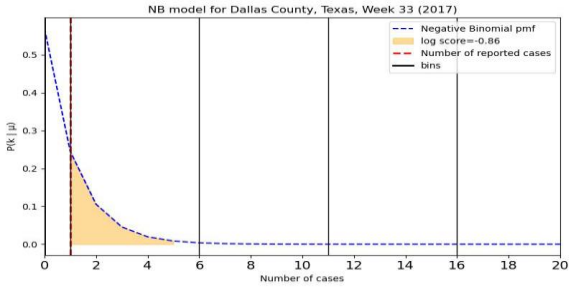

NB model for Dallas County, Texas, Week 47 (2016)
Negative Binomial pmf
log score=-2.38
Number of reported cases
bins
P(k | μ)
Number of cases

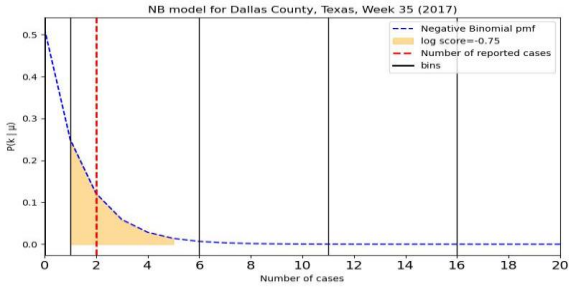

NB model for Dallas County, Texas, Week 50 (2016)
Negative Binomial pmf
log score=-3.45
Number of reported cases
bins
P(k | μ)
Number of cases

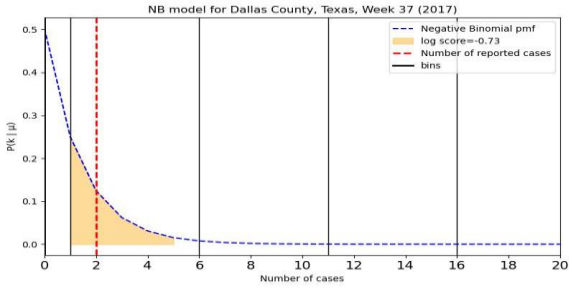

NB model for Dallas County, Texas, Week 28 (2017)
Negative Binomial pmf
log score=-1.68
Number of reported cases
bins
P(k | μ)
Number of cases

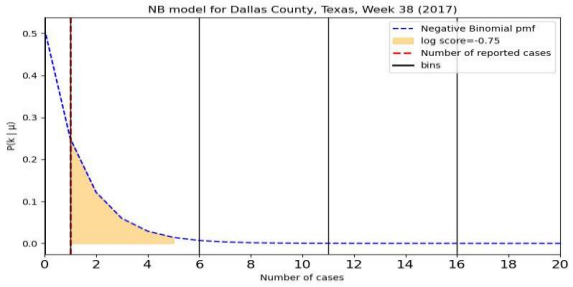

NB model for Dallas County, Texas, Week 30 (2017)
Negative Binomial pmf
log score=-1.24
Number of reported cases
bins
P(k | μ)
Number of cases

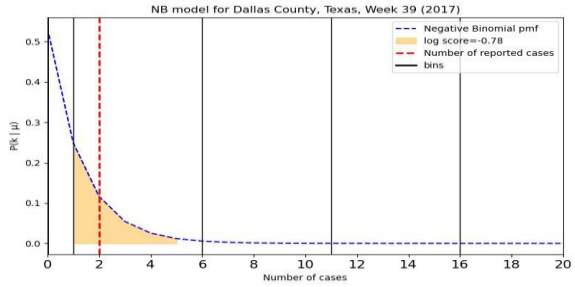

NB model for Dallas County, Texas, Week 31 (2017)
Negative Binomial pmf
log score=-1.08
Number of reported cases
bins
P(k | μ)
Number of cases

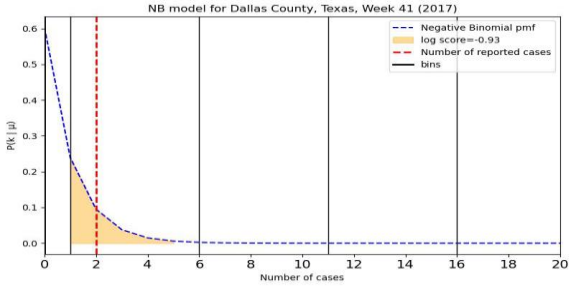

NB model for Dallas County, Texas, Week 33 (2017)
Negative Binomial pmf
log score=-0.86
Number of reported cases
bins
P(k | μ)
Number of cases

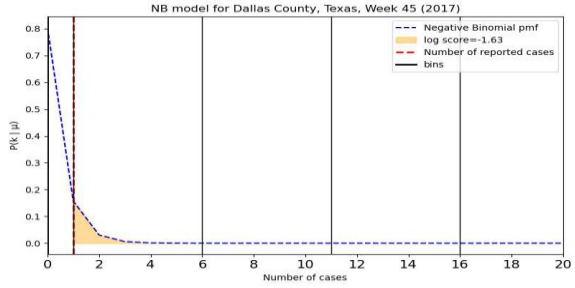

NB model for Dallas County, Texas, Week 35 (2017)
Negative Binomial pmf
log score=-0.75
Number of reported cases
bins
P(k | μ)
Number of cases

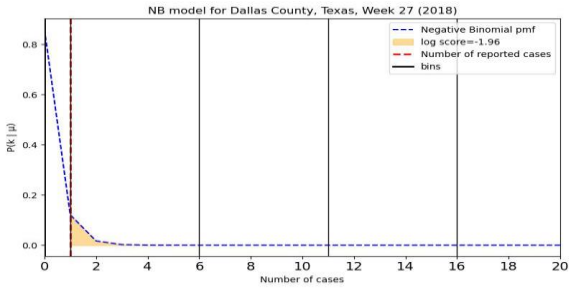

NB model for Dallas County, Texas, Week 37 (2017)
Negative Binomial pmf
log score=-0.73
Number of reported cases
bins
P(k | μ)
Number of cases

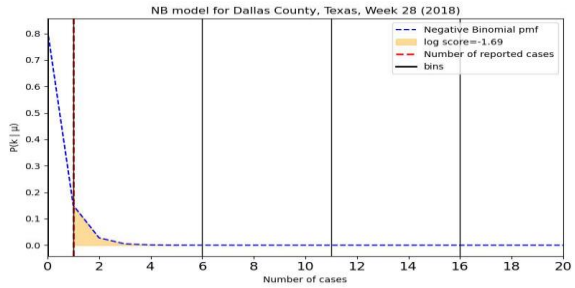

NB model for Dallas County, Texas, Week 38 (2017)
Negative Binomial pmf
log score=-0.75
Number of reported cases
bins
P(k | μ)
Number of cases

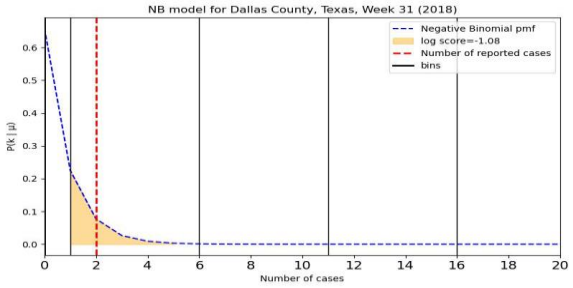

NB model for Dallas County, Texas, Week 39 (2017)
Negative Binomial pmf
log score=-0.78
Number of reported cases
bins
P(k | μ)
Number of cases

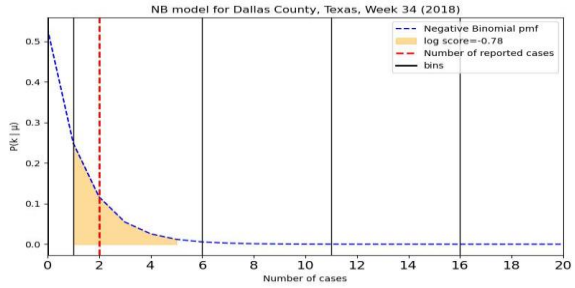

NB model for Dallas County, Texas, Week 41 (2017)
Negative Binomial pmf
log score=-0.93
Number of reported cases
bins
P(k | μ)
Number of cases

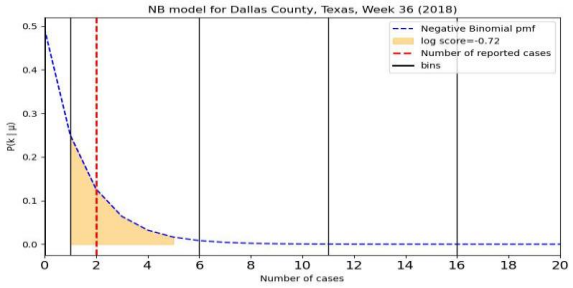

NB model for Dallas County, Texas, Week 45 (2017)
Negative Binomial pmf
log score=-1.63
Number of reported cases
bins
P(k | μ)
Number of cases

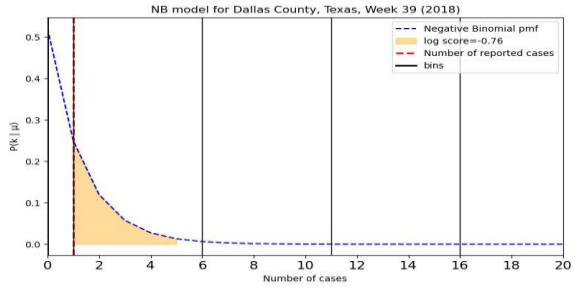

NB model for Dallas County, Texas, Week 27 (2018)
Negative Binomial pmf
log score=-1.96
Number of reported cases
bins
P(k | μ)
Number of cases

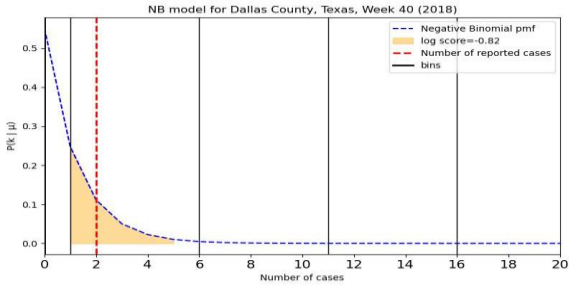

NB model for Dallas County, Texas, Week 28 (2018)
Negative Binomial pmf
log score=-1.69
Number of reported cases
bins
P(k | μ)
Number of cases

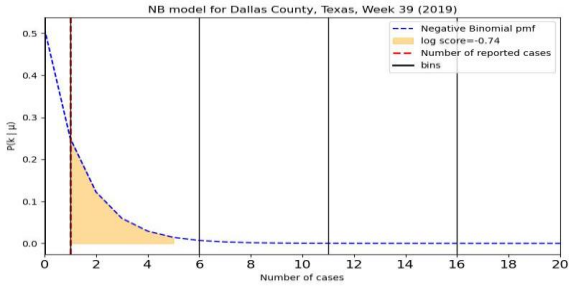

NB model for Dallas County, Texas, Week 31 (2018)
Negative Binomial pmf
log score=-1.08
Number of reported cases
bins
P(k | μ)
Number of cases

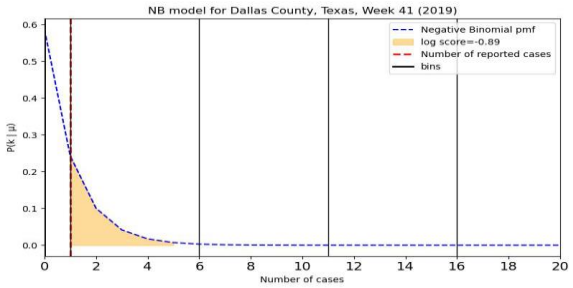

NB model for Dallas County, Texas, Week 34 (2018)
Negative Binomial pmf
log score=-0.78
Number of reported cases
bins
P(k | μ)
Number of cases

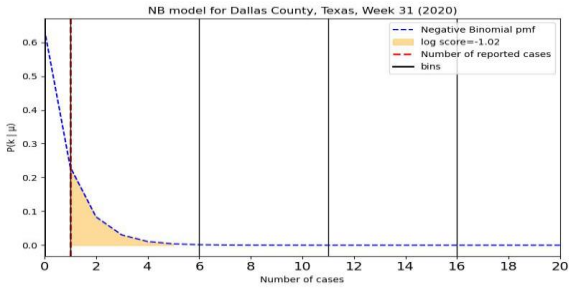

NB model for Dallas County, Texas, Week 36 (2018)
Negative Binomial pmf
log score=-0.72
Number of reported cases
bins
P(k | μ)
Number of cases

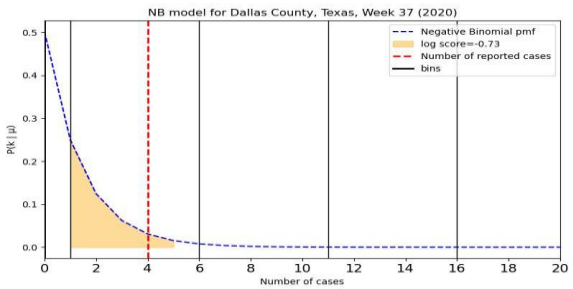

NB model for Dallas County, Texas, Week 39 (2018)
Negative Binomial pmf
log score=-0.76
Number of reported cases
bins
P(k | μ)
Number of cases

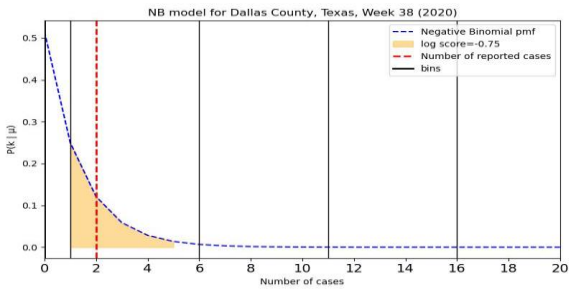

NB model for Dallas County, Texas, Week 40 (2018)
Negative Binomial pmf
log score=-0.82
Number of reported cases
bins
P(k | μ)
Number of cases

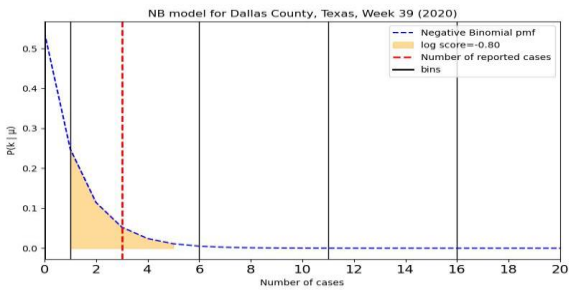

NB model for Dallas County, Texas, Week 39 (2019)
Negative Binomial pmf
log score=-0.74
Number of reported cases
bins
P(k | μ)
Number of cases

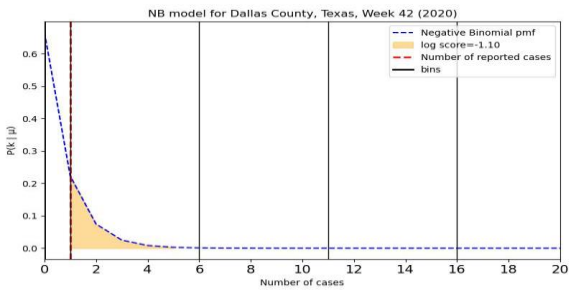

NB model for Dallas County, Texas, Week 41 (2019)
Negative Binomial pmf
log score=-0.89
Number of reported cases
bins
P(k | μ)
Number of cases

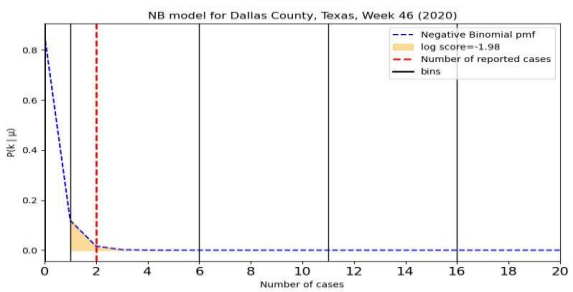

NB model for Dallas County, Texas, Week 31 (2020)
Negative Binomial pmf
log score=-1.02
Number of reported cases
bins
P(k | μ)
Number of cases

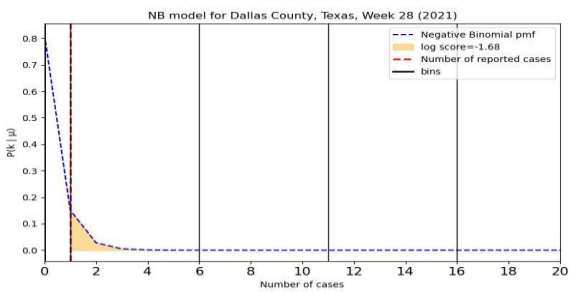

NB model for Dallas County, Texas, Week 37 (2020)
Negative Binomial pmf
log score=-0.73
Number of reported cases
bins
P(k | μ)
Number of cases

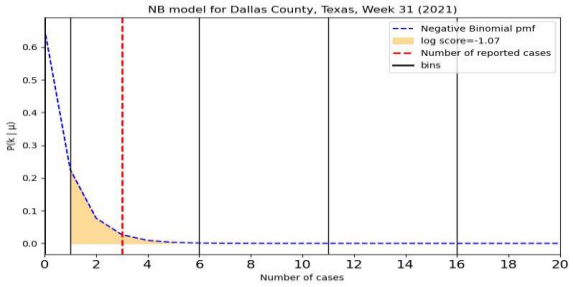

NB model for Dallas County, Texas, Week 38 (2020)
Negative Binomial pmf
log score=-0.75
Number of reported cases
bins
P(k | μ)
Number of cases

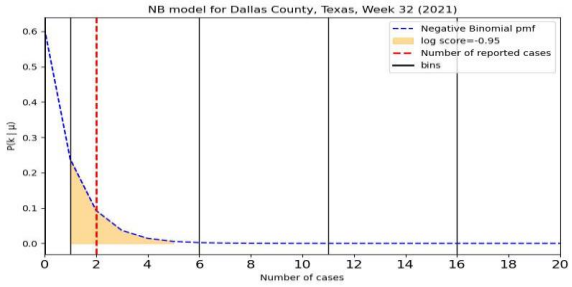

NB model for Dallas County, Texas, Week 39 (2020)
Negative Binomial pmf
log score=-0.80
Number of reported cases
bins
P(k | μ)
Number of cases

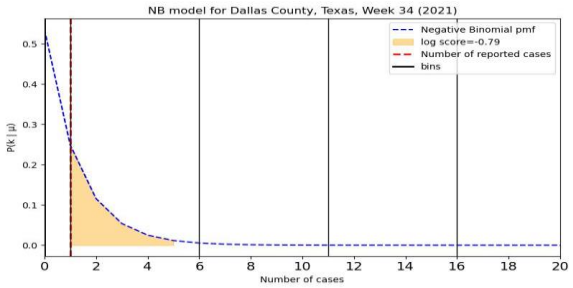

NB model for Dallas County, Texas, Week 42 (2020)
Negative Binomial pmf
log score=-1.10
Number of reported cases
bins
P(k | μ)
Number of cases

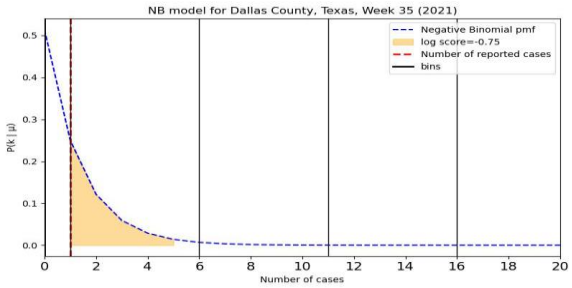

NB model for Dallas County, Texas, Week 46 (2020)
Negative Binomial pmf
log score=-1.98
Number of reported cases
bins
P(k | μ)
Number of cases

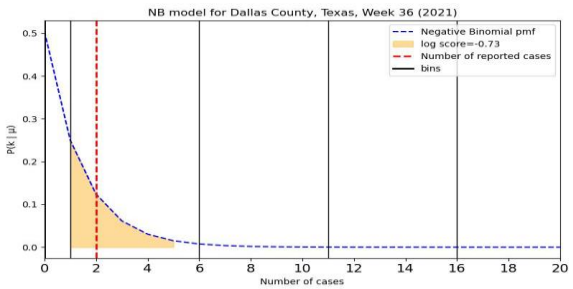

NB model for Dallas County, Texas, Week 28 (2021)
Negative Binomial pmf
log score=-1.68
Number of reported cases
bins
P(k | μ)
Number of cases

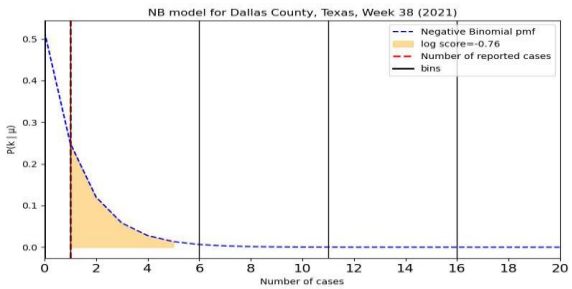

NB model for Dallas County, Texas, Week 31 (2021)
Negative Binomial pmf
log score=-1.07
Number of reported cases
bins
P(k | μ)
Number of cases

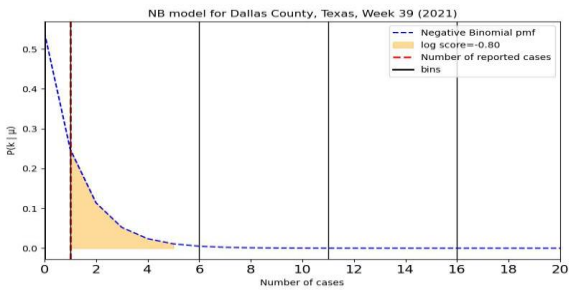

NB model for Dallas County, Texas, Week 32 (2021)
Negative Binomial pmf
log score=-0.95
Number of reported cases
bins
P(k | μ)
Number of cases

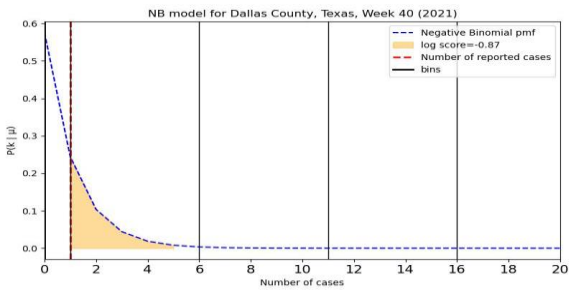

NB model for Dallas County, Texas, Week 34 (2021)
Negative Binomial pmf
log score=-0.79
Number of reported cases
bins
P(k | μ)
Number of cases

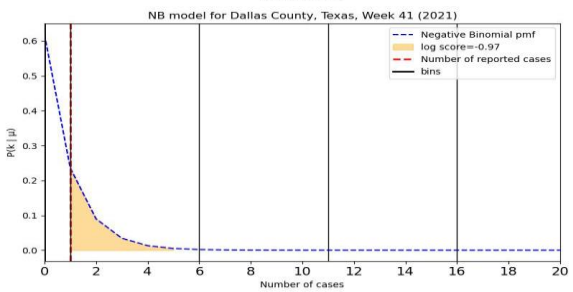

NB model for Dallas County, Texas, Week 35 (2021)
Negative Binomial pmf
log score=-0.75
Number of reported cases
bins
P(k | μ)
Number of cases

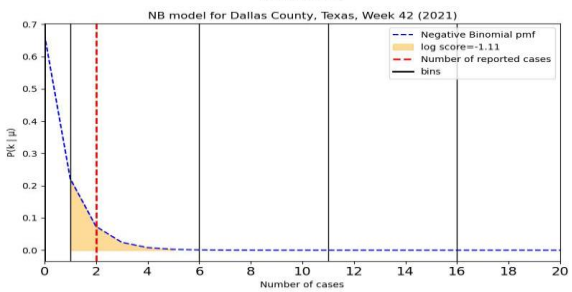

NB model for Dallas County, Texas, Week 36 (2021)
Negative Binomial pmf
log score=-0.73
Number of reported cases
bins
P(k | μ)
Number of cases

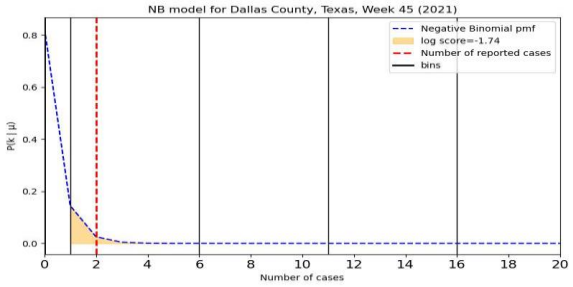

NB model for Dallas County, Texas, Week 38 (2021)
Negative Binomial pmf
log score=-0.76
Number of reported cases
bins
P(k | μ)
Number of cases

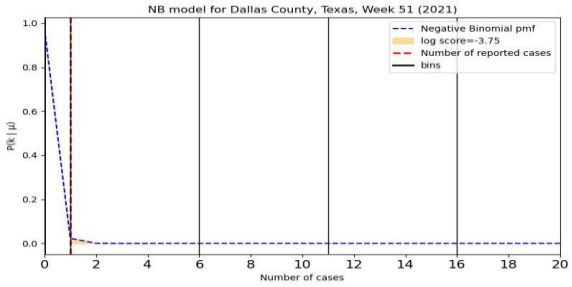

NB model for Dallas County, Texas, Week 39 (2021)
Negative Binomial pmf
log score=-0.80
Number of reported cases
bins
P(k | μ)
Number of cases

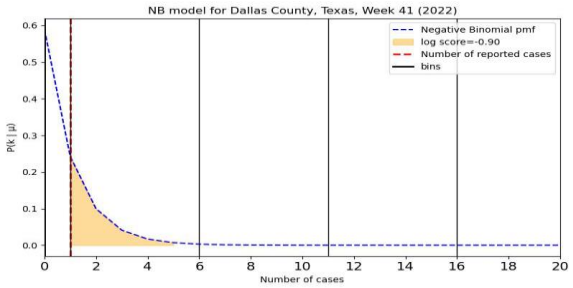

NB model for Dallas County, Texas, Week 40 (2021)
Negative Binomial pmf
log score=-0.87
Number of reported cases
bins
P(k | μ)
Number of cases

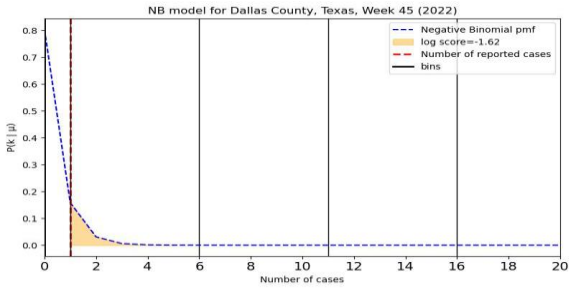

NB model for Dallas County, Texas, Week 41 (2021)
Negative Binomial pmf
log score=-0.97
Number of reported cases
bins
P(k | μ)
Number of cases

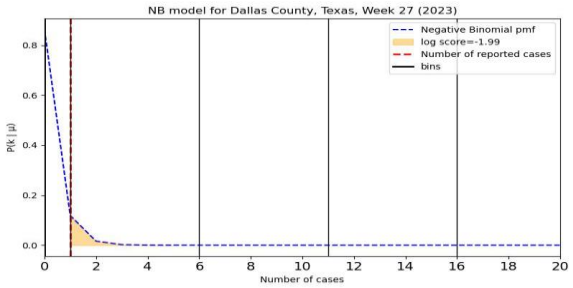

NB model for Dallas County, Texas, Week 42 (2021)
Negative Binomial pmf
log score=-1.11
Number of reported cases
bins
P(k | μ)
Number of cases

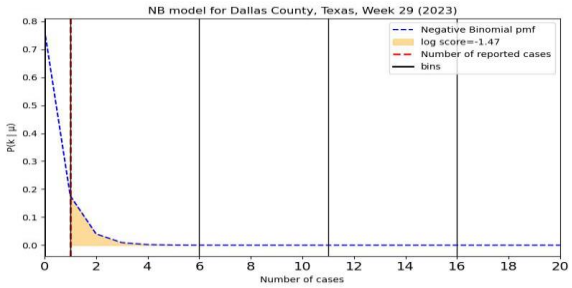

NB model for Dallas County, Texas, Week 45 (2021)
Negative Binomial pmf
log score=-1.74
Number of reported cases
bins
P(k | μ)
Number of cases

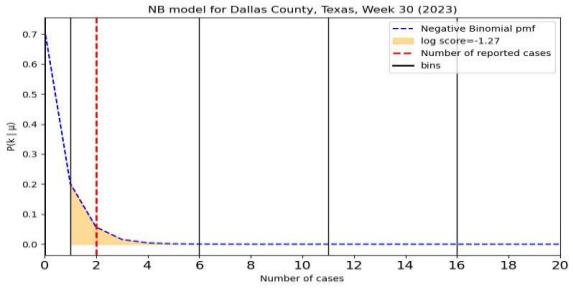

NB model for Dallas County, Texas, Week 51 (2021)
Negative Binomial pmf
log score=-3.75
Number of reported cases
bins
P(k | μ)
Number of cases

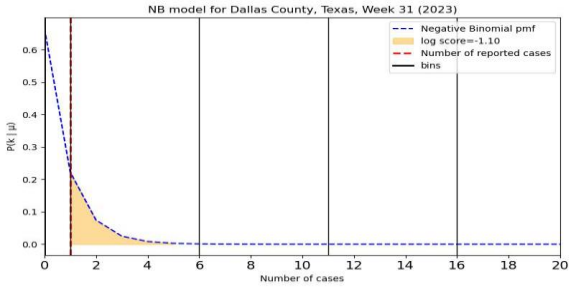

NB model for Dallas County, Texas, Week 41 (2022)
Negative Binomial pmf
log score=-0.90
Number of reported cases
bins
P(k | μ)
Number of cases

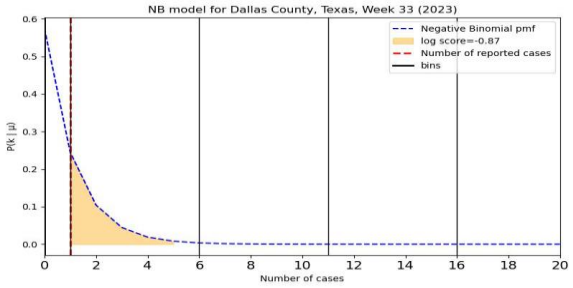

NB model for Dallas County, Texas, Week 45 (2022)
Negative Binomial pmf
log score=-1.62
Number of reported cases
bins
P(k | μ)
Number of cases

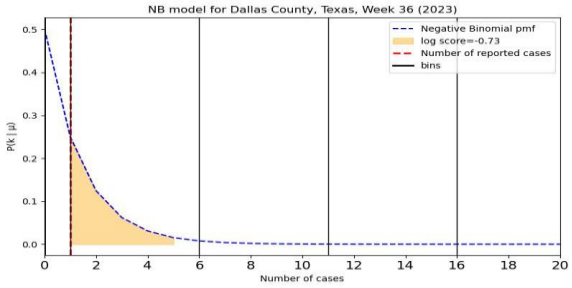

NB model for Dallas County, Texas, Week 27 (2023)
Negative Binomial pmf
log score=-1.99
Number of reported cases
bins
P(k | μ)
Number of cases

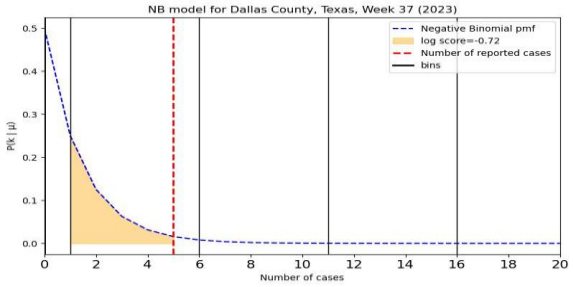

NB model for Dallas County, Texas, Week 29 (2023)
Negative Binomial pmf
log score=-1.47
Number of reported cases
bins
P(k | μ)
Number of cases

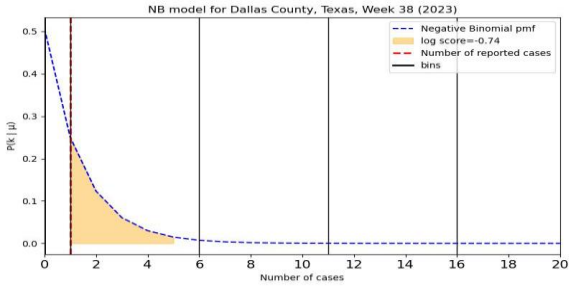

NB model for Dallas County, Texas, Week 30 (2023)
Negative Binomial pmf
log score=-1.27
Number of reported cases
bins
P(k | μ)
Number of cases

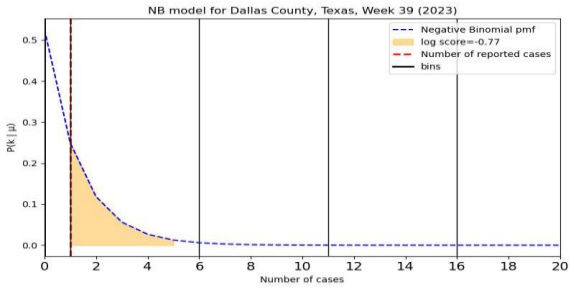

NB model for Dallas County, Texas, Week 31 (2023)
Negative Binomial pmf
log score=-1.10
Number of reported cases
bins
P(k | μ)
Number of cases

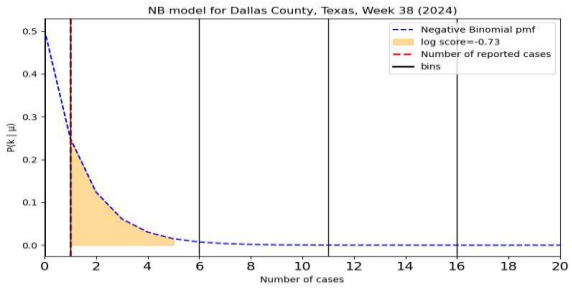

NB model for Dallas County, Texas, Week 33 (2023)
Negative Binomial pmf
log score=-0.87
Number of reported cases
bins
P(k | μ)
Number of cases

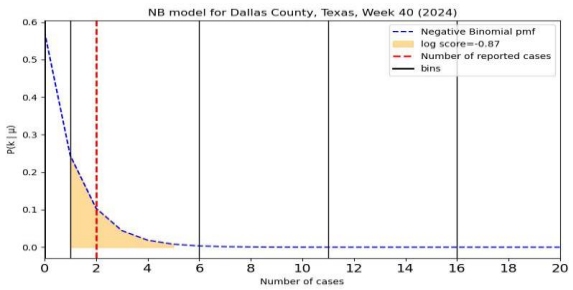

NB model for Dallas County, Texas, Week 36 (2023)
Negative Binomial pmf
log score=-0.73
Number of reported cases
bins
P(k | μ)
Number of cases

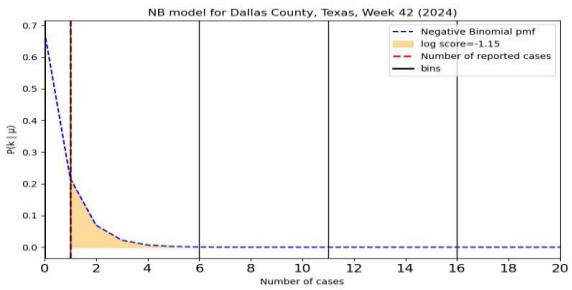

NB model for Dallas County, Texas, Week 37 (2023)
Negative Binomial pmf
log score=-0.72
Number of reported cases
bins
P(k | μ)
Number of cases

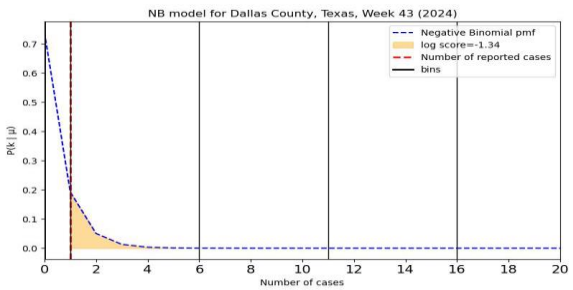

NB model for Dallas County, Texas, Week 38 (2023)
Negative Binomial pmf
log score=-0.74
Number of reported cases
bins
P(k | μ)
Number of cases

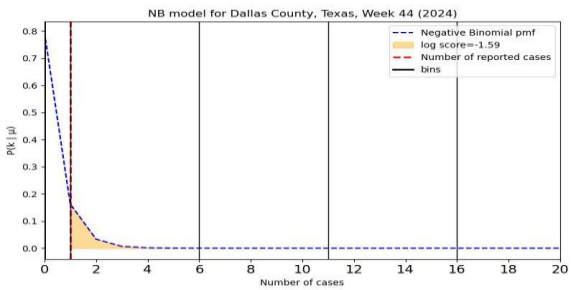

NB model for Dallas County, Texas, Week 39 (2023)
Negative Binomial pmf
log score=-0.77
Number of reported cases
bins
P(k | μ)
Number of cases

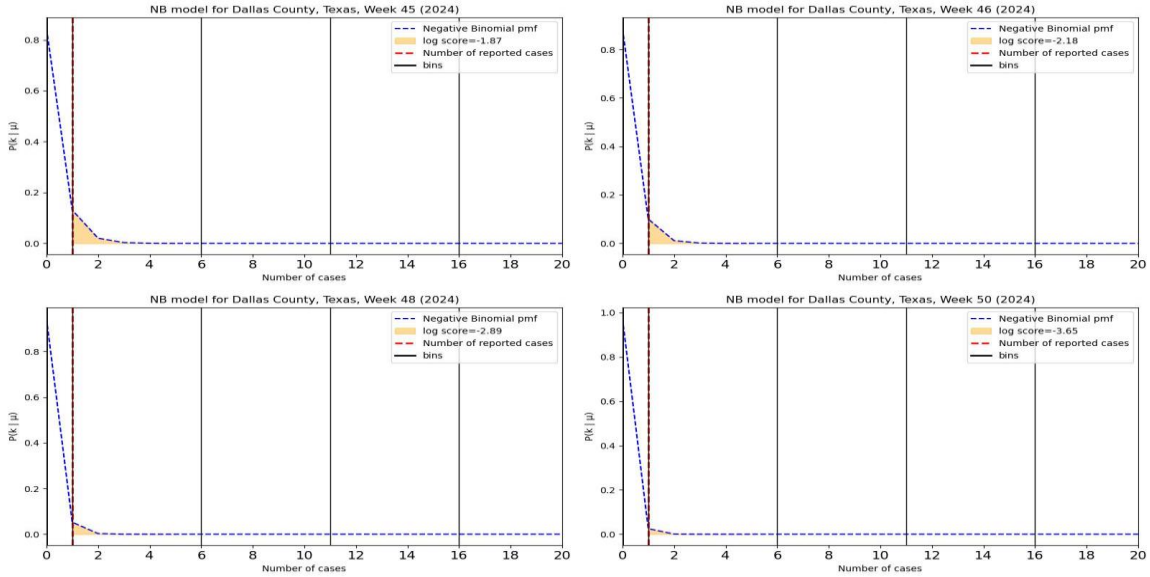

NB model for Dallas County, Texas, Week 38 (2024)
Negative Binomial pmf
log score=-0.73
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Dallas County, Texas, Week 40 (2024)
Negative Binomial pmf
log score=-0.87
Number of reported cases
bins
P(k | μ)
Number of cases

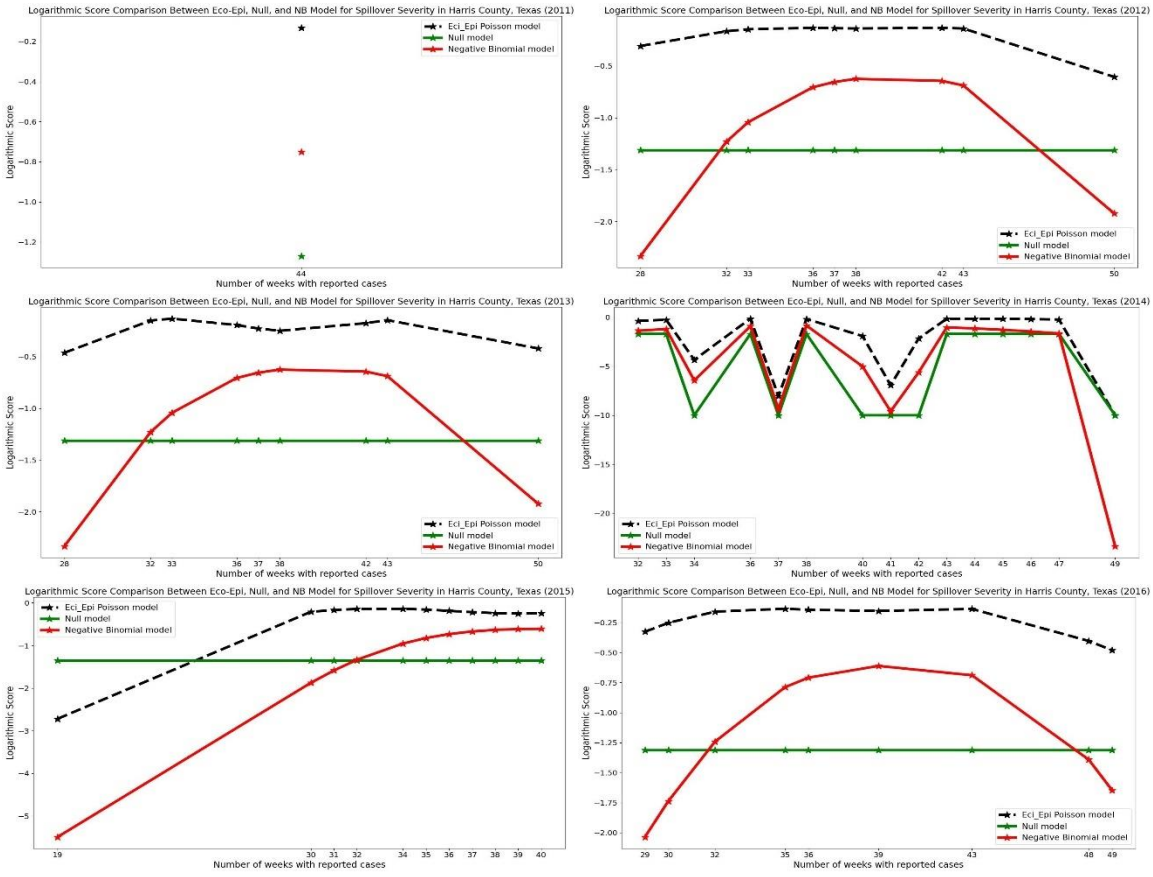

NB model for Dallas County, Texas, Week 42 (2024)
Negative Binomial pmf
log score=-1.15
Number of reported cases
bins
P(k | μ)
Number of cases

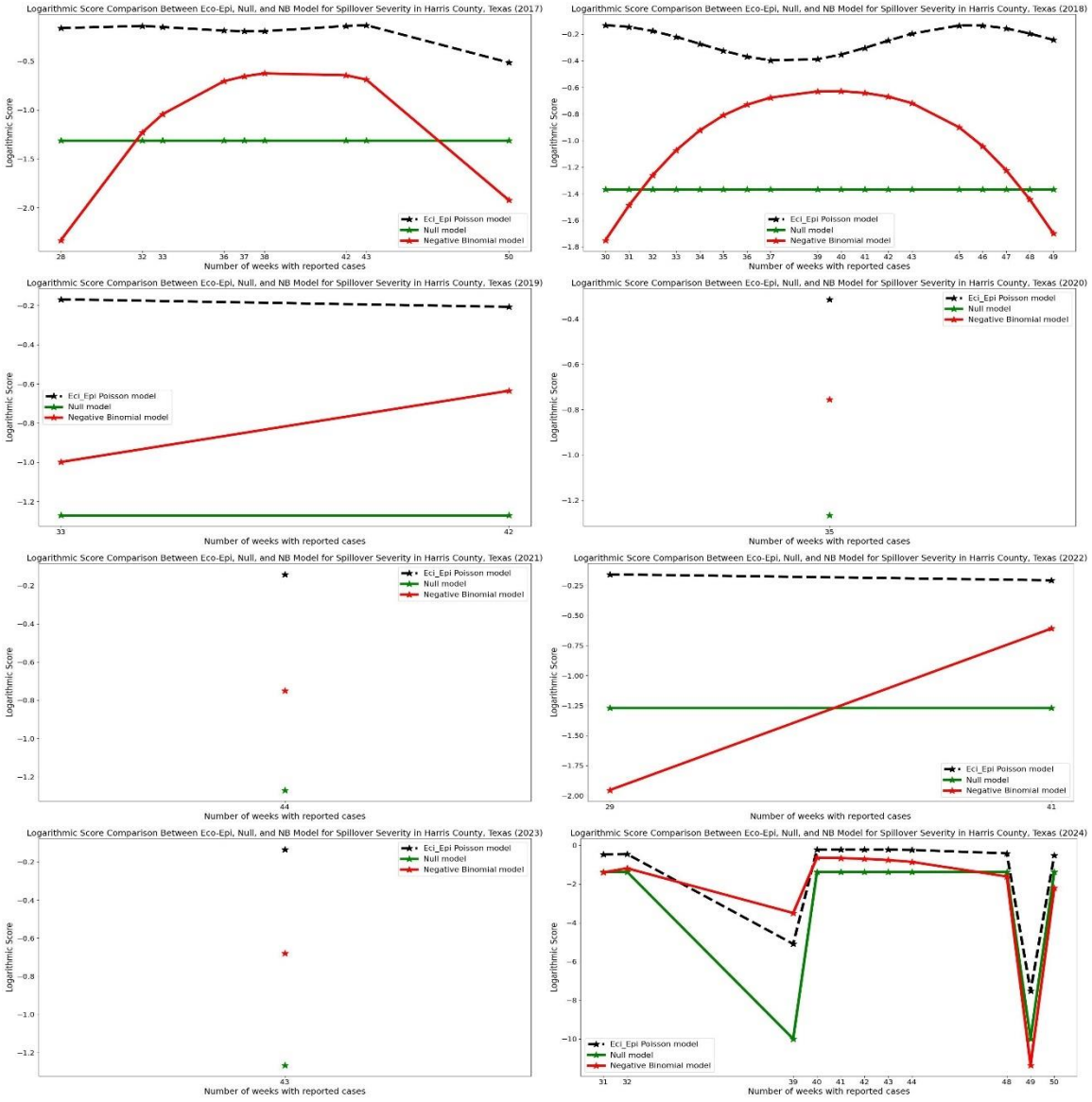

NB model for Dallas County, Texas, Week 43 (2024)
Negative Binomial pmf
log score=-1.34
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Dallas County, Texas, Week 44 (2024)
Negative Binomial pmf
log score=-1.59
Number of reported cases
bins
P(k | μ)
Number of cases

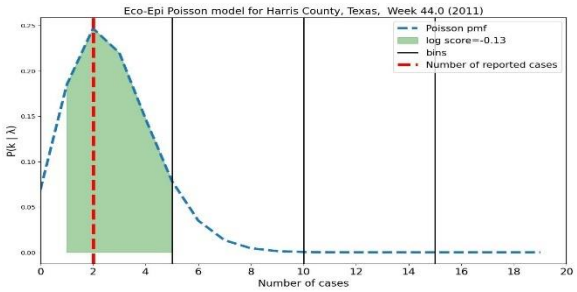


1.2.2.9 Logarithmic comparison of the models-Harris County, Texas (2011-2024):

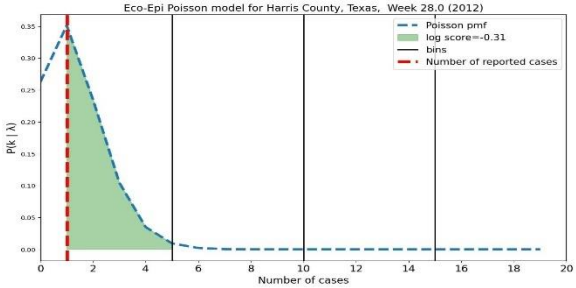


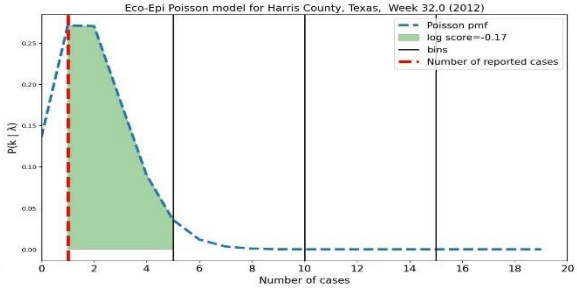


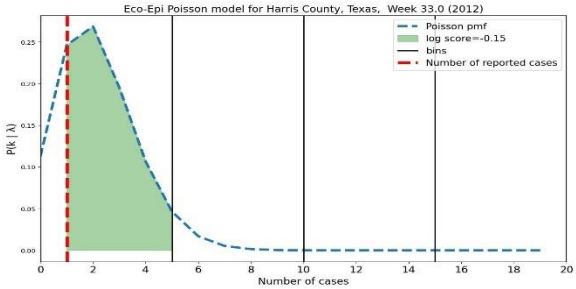
1.2.2.10 Predicted Poisson and NB pmfs and logarithmic score-Harris County, Texas: 2011

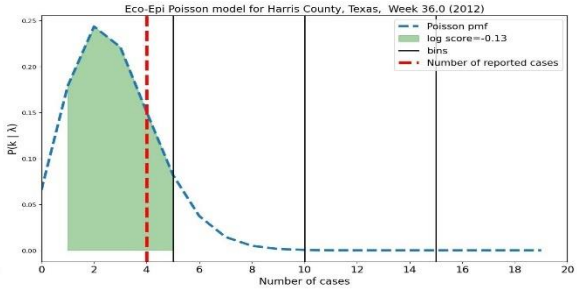


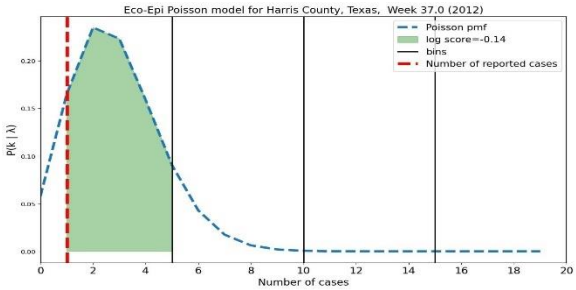
2012

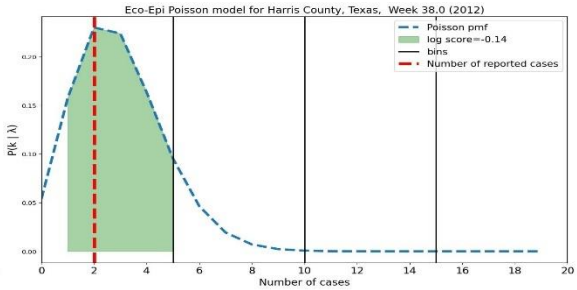

Eco-Epi Poisson model for Harris County, Texas, Week 28.0 (2012)
Poisson pmf
log score=-0.31
bins
Number of reported cases
P(k | λ)
Number of cases

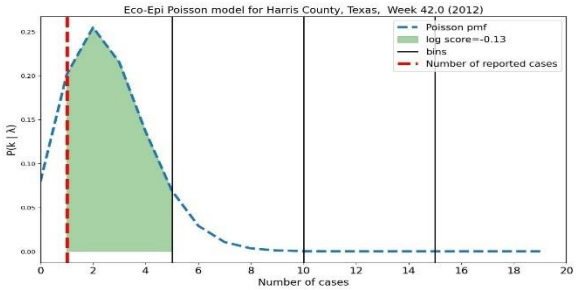

Eco-Epi Poisson model for Harris County, Texas, Week 32.0 (2012)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

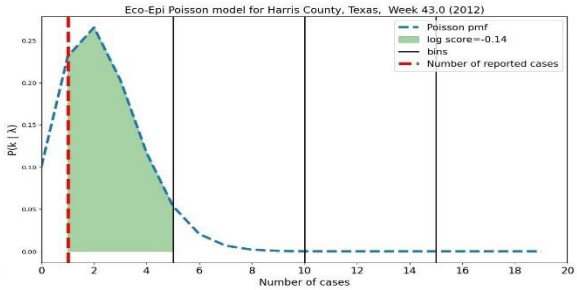

Eco-Epi Poisson model for Harris County, Texas, Week 33.0 (2012)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

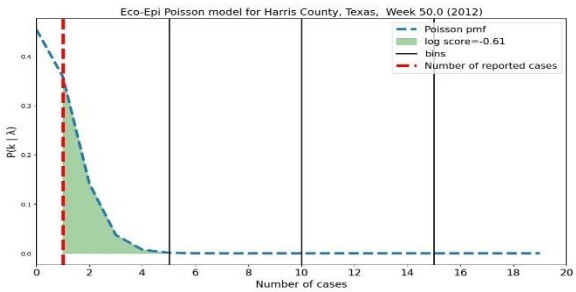

Eco-Epi Poisson model for Harris County, Texas, Week 36.0 (2012)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Harris County, Texas, Week 37.0 (2012)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

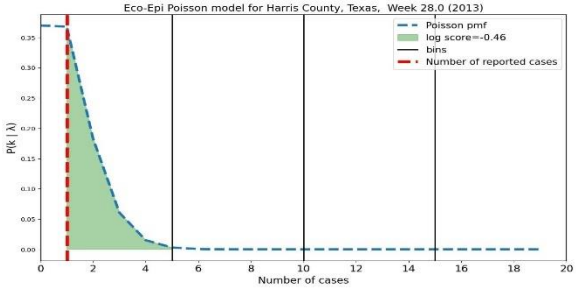

Eco-Epi Poisson model for Harris County, Texas, Week 38.0 (2012)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

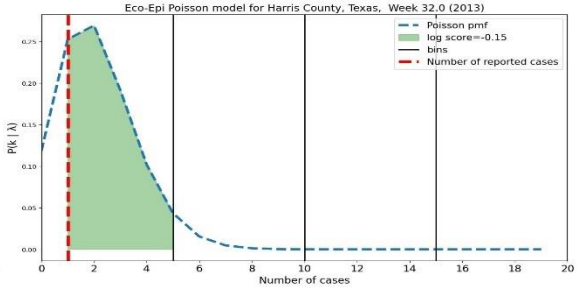

Eco-Epi Poisson model for Harris County, Texas, Week 42.0 (2012)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

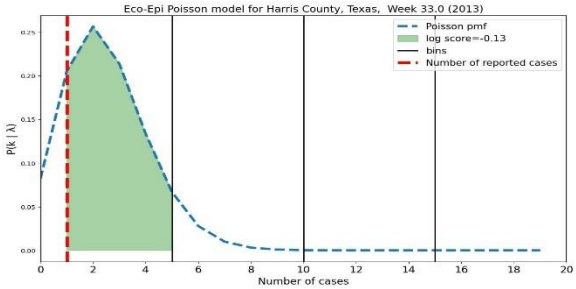

Eco-Epi Poisson model for Harris County, Texas, Week 43.0 (2012)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

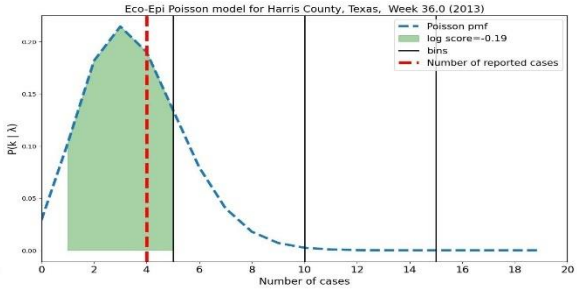

Eco-Epi Poisson model for Harris County, Texas, Week 50.0 (2012)
Poisson pmf
log score=-0.61
bins
Number of reported cases
P(k | λ)
Number of cases

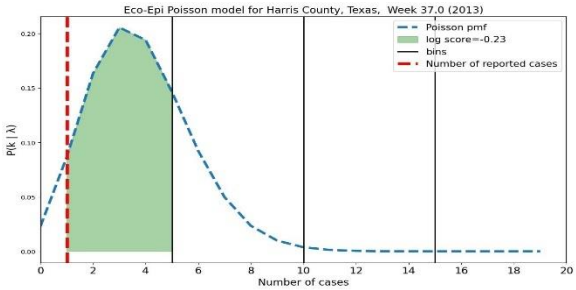
2013

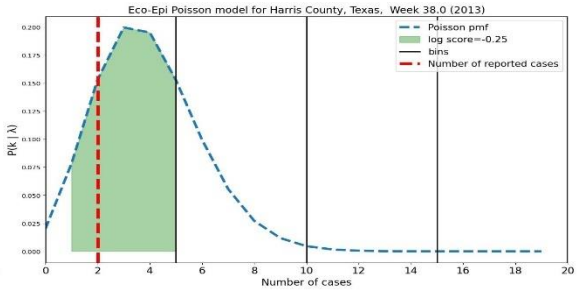

Eco-Epi Poisson model for Harris County, Texas, Week 28.0 (2013)
Poisson pmf
log score=-0.46
bins
Number of reported cases
P(k | λ)
Number of cases

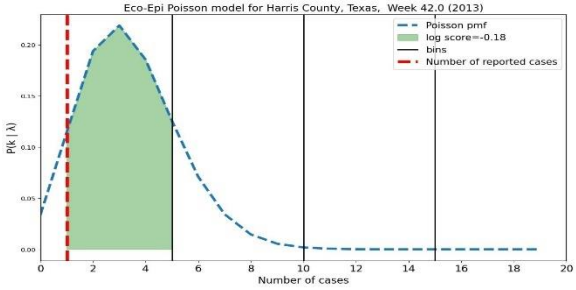

Eco-Epi Poisson model for Harris County, Texas, Week 32.0 (2013)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

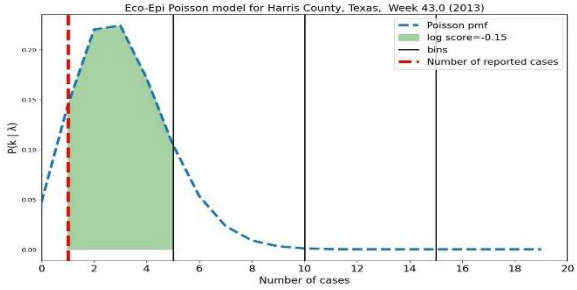

Eco-Epi Poisson model for Harris County, Texas, Week 33.0 (2013)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

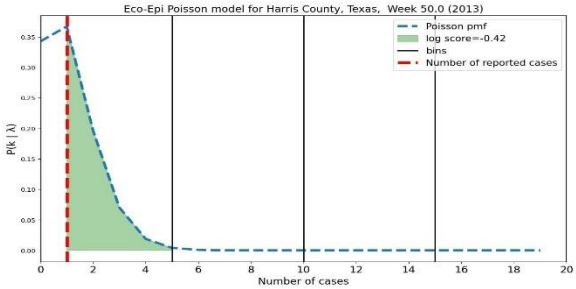

Eco-Epi Poisson model for Harris County, Texas, Week 36.0 (2013)
Poisson pmf
log score=-0.19
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Harris County, Texas, Week 37.0 (2013)
Poisson pmf
log score=-0.23
bins
Number of reported cases
P(k | λ)
Number of cases

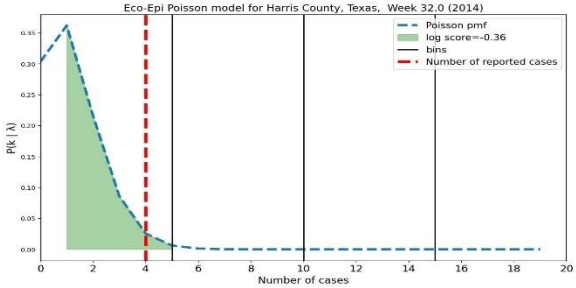

Eco-Epi Poisson model for Harris County, Texas, Week 38.0 (2013)
Poisson pmf
log score=-0.25
bins
Number of reported cases
P(k | λ)
Number of cases

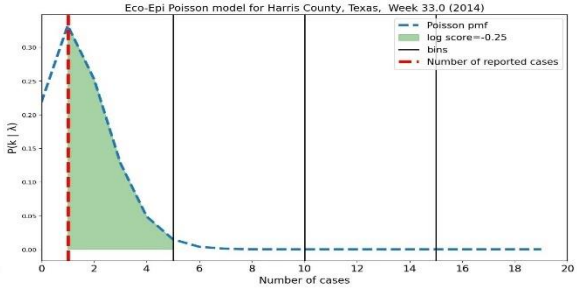

Eco-Epi Poisson model for Harris County, Texas, Week 42.0 (2013)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases

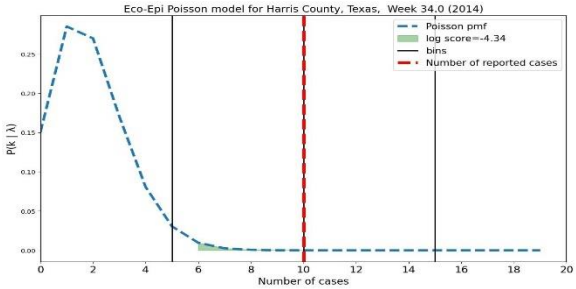

Eco-Epi Poisson model for Harris County, Texas, Week 43.0 (2013)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

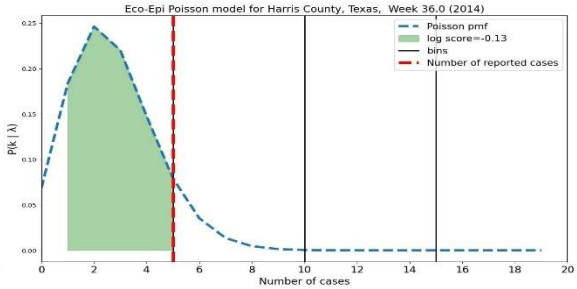

Eco-Epi Poisson model for Harris County, Texas, Week 50.0 (2013)
Poisson pmf
log score=-0.42
bins
Number of reported cases
P(k | λ)
Number of cases

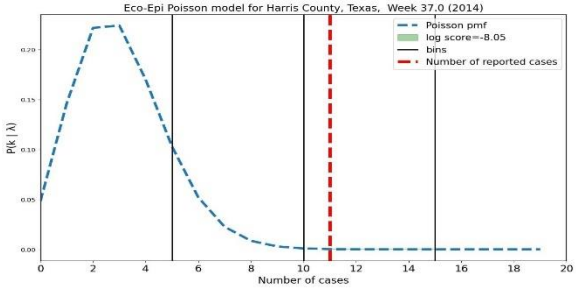
2014

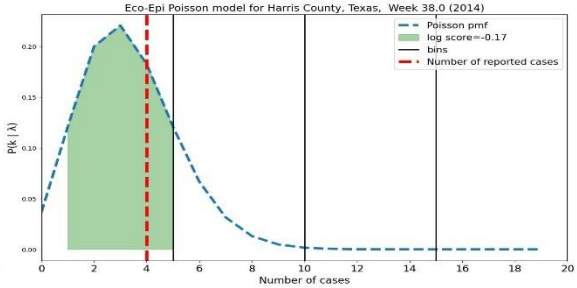

Eco-Epi Poisson model for Harris County, Texas, Week 32.0 (2014)
Poisson pmf
log score=-0.36
bins
Number of reported cases
P(k | λ)
Number of cases

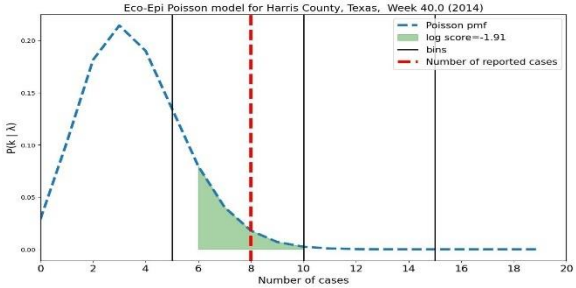

Eco-Epi Poisson model for Harris County, Texas, Week 33.0 (2014)
Poisson pmf
log score=-0.25
bins
Number of reported cases
P(k | λ)
Number of cases

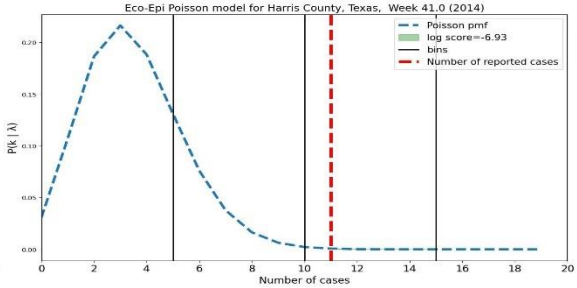

Eco-Epi Poisson model for Harris County, Texas, Week 34.0 (2014)
Poisson pmf
log score=-4.34
bins
Number of reported cases
P(k | λ)
Number of cases

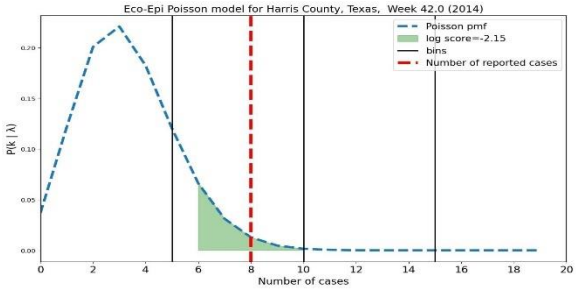

Eco-Epi Poisson model for Harris County, Texas, Week 36.0 (2014)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

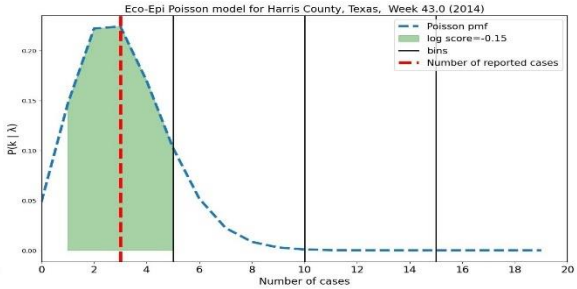

Eco-Epi Poisson model for Harris County, Texas, Week 37.0 (2014)
Poisson pmf
log score=-8.05
bins
Number of reported cases
P(k | λ)
Number of cases

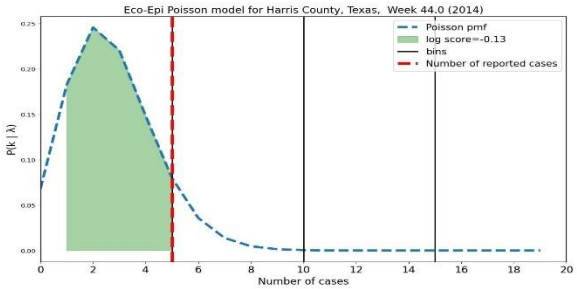

Eco-Epi Poisson model for Harris County, Texas, Week 38.0 (2014)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

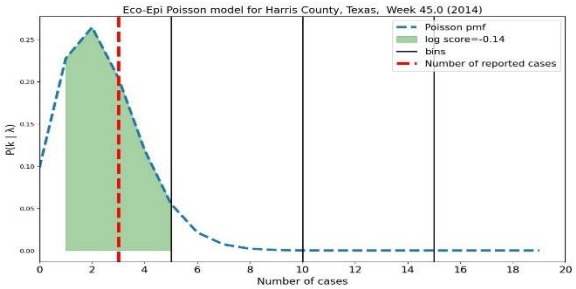

Eco-Epi Poisson model for Harris County, Texas, Week 40.0 (2014)
Poisson pmf
log score=-1.91
bins
Number of reported cases
P(k | λ)
Number of cases

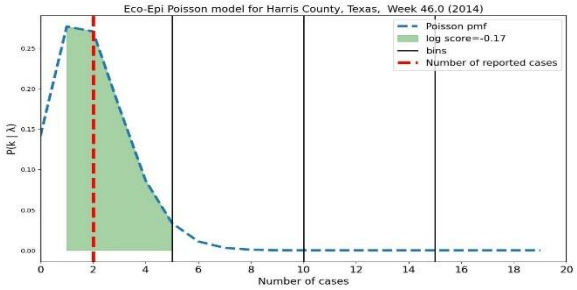

Eco-Epi Poisson model for Harris County, Texas, Week 41.0 (2014)
Poisson pmf
log score=-6.93
bins
Number of reported cases
P(k | λ)
Number of cases

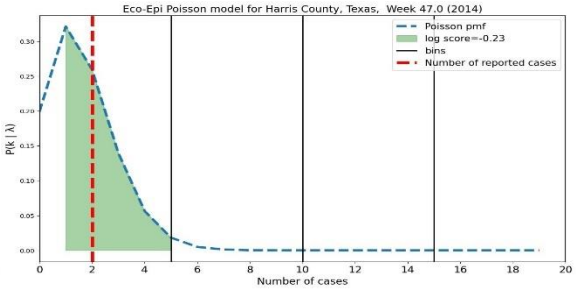

Eco-Epi Poisson model for Harris County, Texas, Week 42.0 (2014)
Poisson pmf
log score=-2.15
bins
Number of reported cases
P(k | λ)
Number of cases

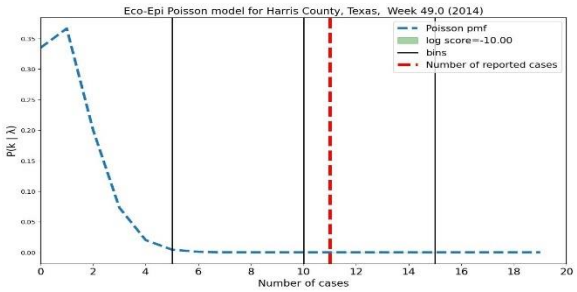

Eco-Epi Poisson model for Harris County, Texas, Week 43.0 (2014)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Harris County, Texas, Week 44.0 (2014)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

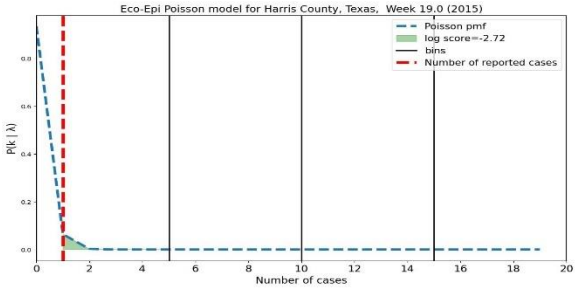

Eco-Epi Poisson model for Harris County, Texas, Week 45.0 (2014)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

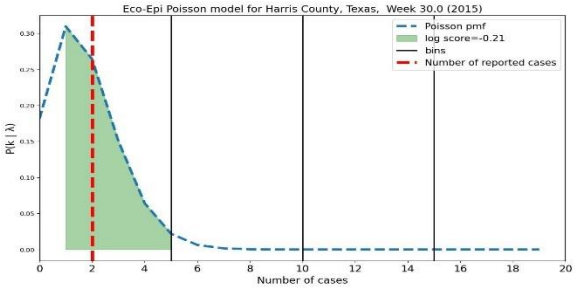

Eco-Epi Poisson model for Harris County, Texas, Week 46.0 (2014)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

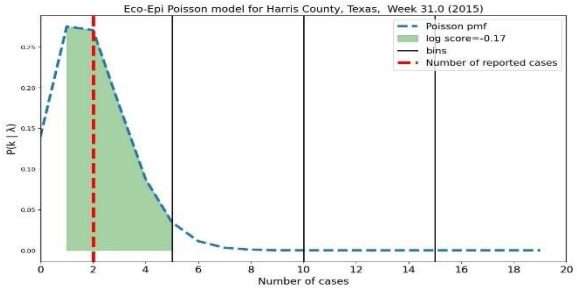

Eco-Epi Poisson model for Harris County, Texas, Week 47.0 (2014)
Poisson pmf
log score=-0.23
bins
Number of reported cases
P(k | λ)
Number of cases

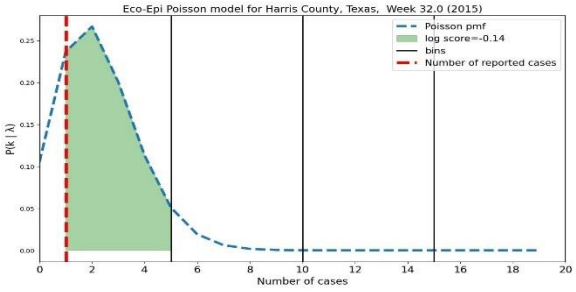

Eco-Epi Poisson model for Harris County, Texas, Week 49.0 (2014)
Poisson pmf
log score=-10.00
bins
Number of reported cases
P(k | λ)
Number of cases

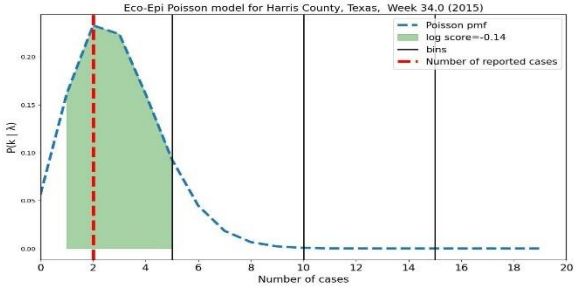
2015

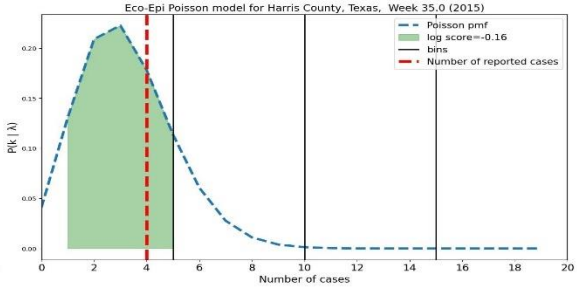

Eco-Epi Poisson model for Harris County, Texas, Week 19.0 (2015)
Poisson pmf
log score=-2.72
bins
Number of reported cases
P(k | λ)
Number of cases

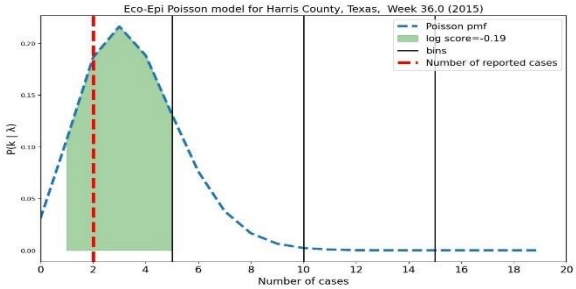

Eco-Epi Poisson model for Harris County, Texas, Week 30.0 (2015)
Poisson pmf
log score=-0.21
bins
Number of reported cases
P(k | λ)
Number of cases

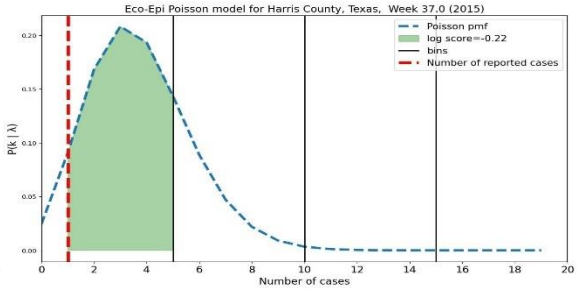

Eco-Epi Poisson model for Harris County, Texas, Week 31.0 (2015)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

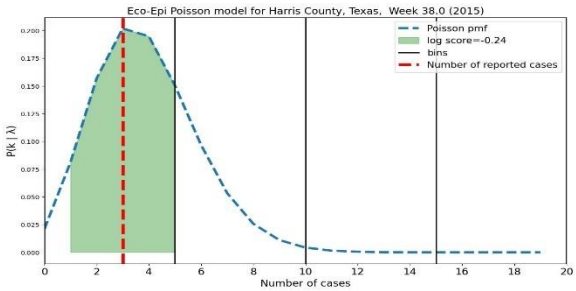

Eco-Epi Poisson model for Harris County, Texas, Week 32.0 (2015)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

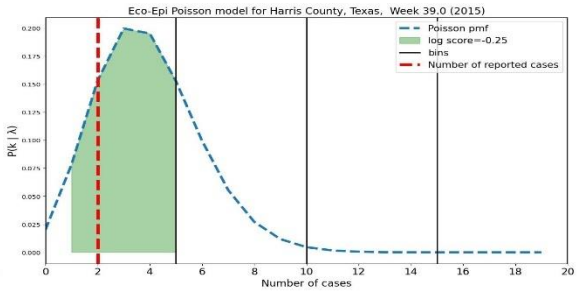

Eco-Epi Poisson model for Harris County, Texas, Week 34.0 (2015)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

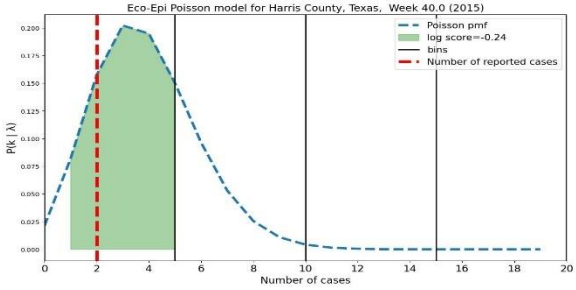

Eco-Epi Poisson model for Harris County, Texas, Week 35.0 (2015)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Harris County, Texas, Week 36.0 (2015)
Poisson pmf
log score=-0.19
bins
Number of reported cases
P(k | λ)
Number of cases

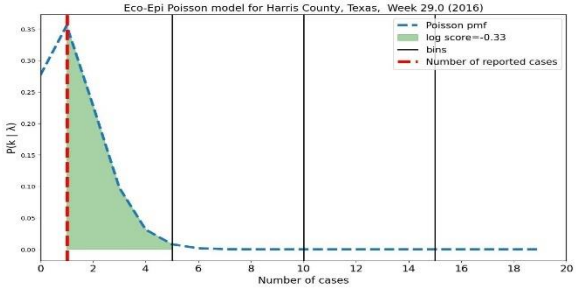

Eco-Epi Poisson model for Harris County, Texas, Week 37.0 (2015)
Poisson pmf
log score=-0.22
bins
Number of reported cases
P(k | λ)
Number of cases

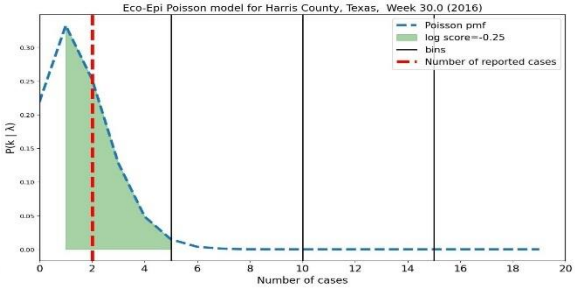

Eco-Epi Poisson model for Harris County, Texas, Week 38.0 (2015)
Poisson pmf
log score=-0.24
bins
Number of reported cases
P(k | λ)
Number of cases

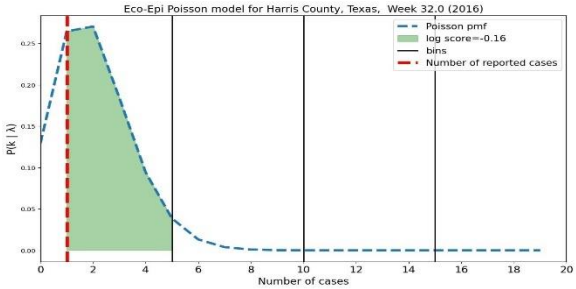

Eco-Epi Poisson model for Harris County, Texas, Week 39.0 (2015)
Poisson pmf
log score=-0.25
bins
Number of reported cases
P(k | λ)
Number of cases

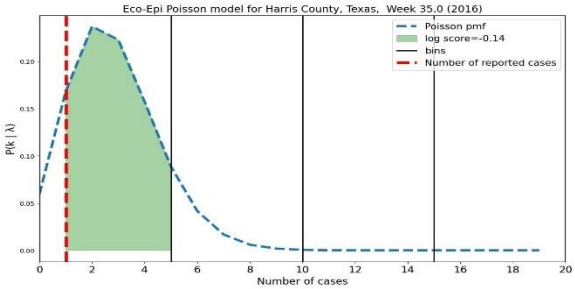

Eco-Epi Poisson model for Harris County, Texas, Week 40.0 (2015)
Poisson pmf
log score=-0.24
bins
Number of reported cases
P(k | λ)
Number of cases

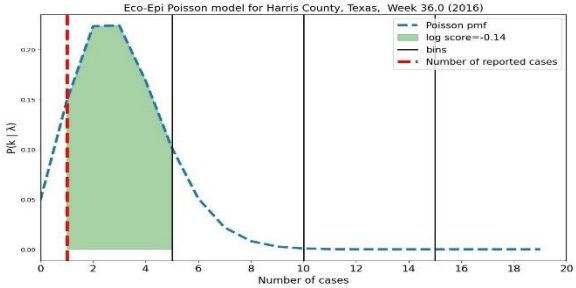
2016

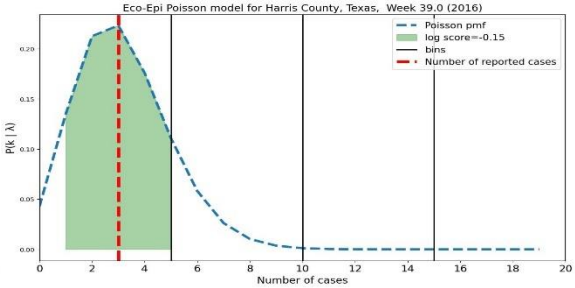

Eco-Epi Poisson model for Harris County, Texas, Week 29.0 (2016)
Poisson pmf
log score=-0.33
bins
Number of reported cases
P(k | λ)
Number of cases

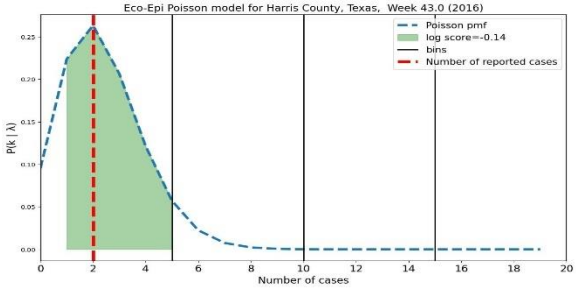

Eco-Epi Poisson model for Harris County, Texas, Week 30.0 (2016)
Poisson pmf
log score=-0.25
bins
Number of reported cases
P(k | λ)
Number of cases

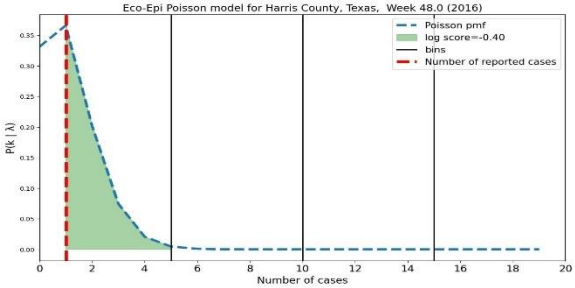

Eco-Epi Poisson model for Harris County, Texas, Week 32.0 (2016)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

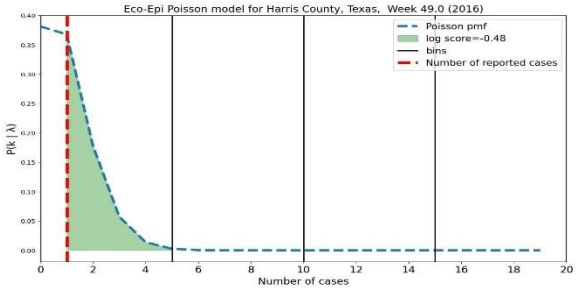

Eco-Epi Poisson model for Harris County, Texas, Week 35.0 (2016)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Harris County, Texas, Week 36.0 (2016)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

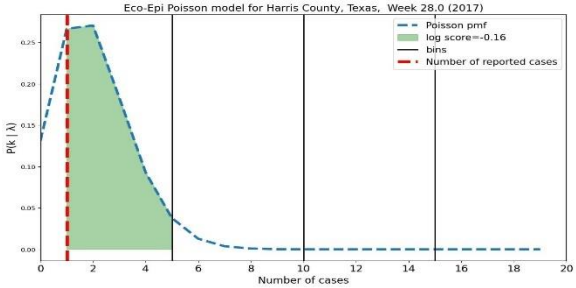

Eco-Epi Poisson model for Harris County, Texas, Week 39.0 (2016)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

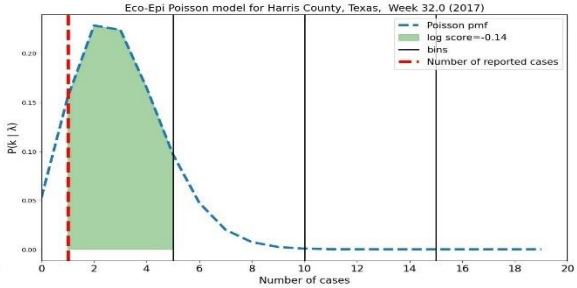

Eco-Epi Poisson model for Harris County, Texas, Week 43.0 (2016)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

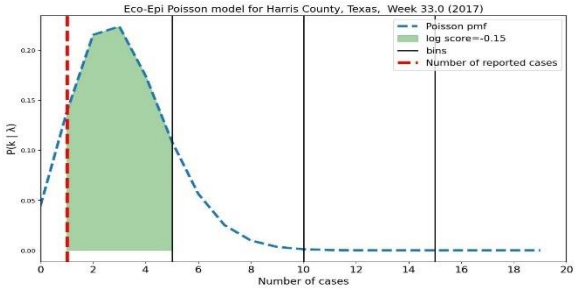

Eco-Epi Poisson model for Harris County, Texas, Week 48.0 (2016)
Poisson pmf
log score=-0.40
bins
Number of reported cases
P(k | λ)
Number of cases

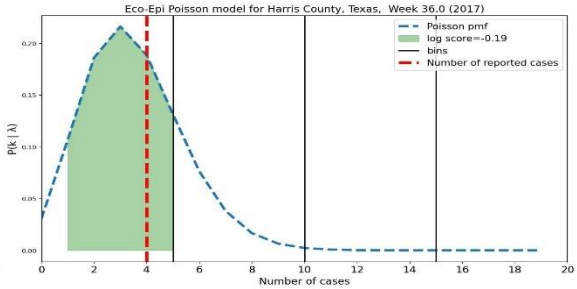

Eco-Epi Poisson model for Harris County, Texas, Week 49.0 (2016)
Poisson pmf
log score=-0.48
bins
Number of reported cases
P(k | λ)
Number of cases

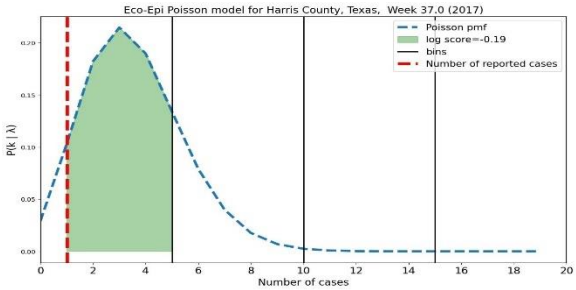
2017

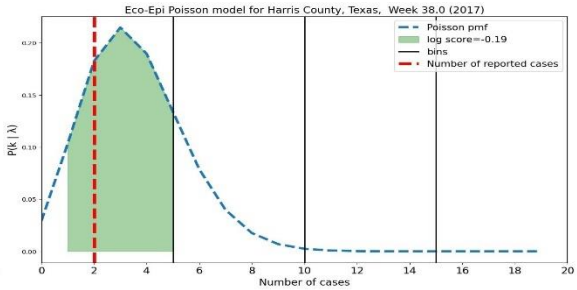

Eco-Epi Poisson model for Harris County, Texas, Week 28.0 (2017)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

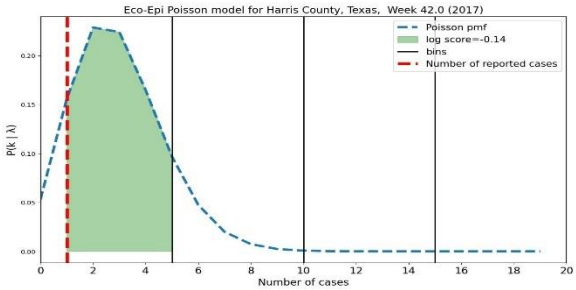

Eco-Epi Poisson model for Harris County, Texas, Week 32.0 (2017)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

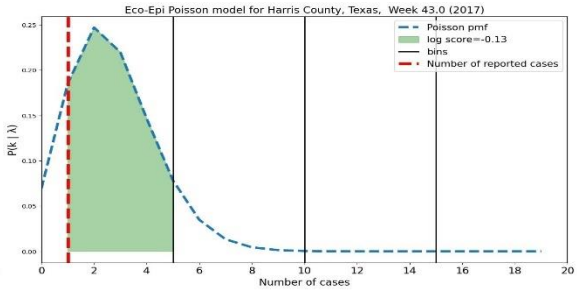

Eco-Epi Poisson model for Harris County, Texas, Week 33.0 (2017)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

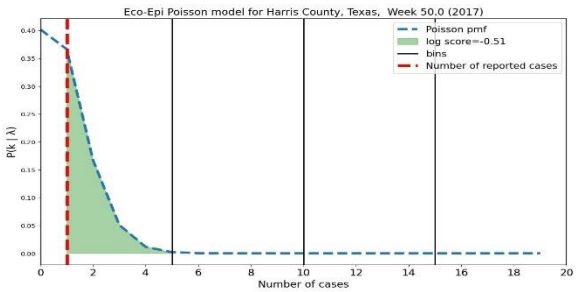

Eco-Epi Poisson model for Harris County, Texas, Week 36.0 (2017)
Poisson pmf
log score=-0.19
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Harris County, Texas, Week 37.0 (2017)
Poisson pmf
log score=-0.19
bins
Number of reported cases
P(k | λ)
Number of cases

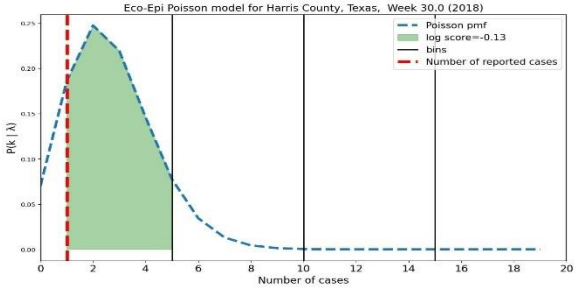

Eco-Epi Poisson model for Harris County, Texas, Week 38.0 (2017)
Poisson pmf
log score=-0.19
bins
Number of reported cases
P(k | λ)
Number of cases

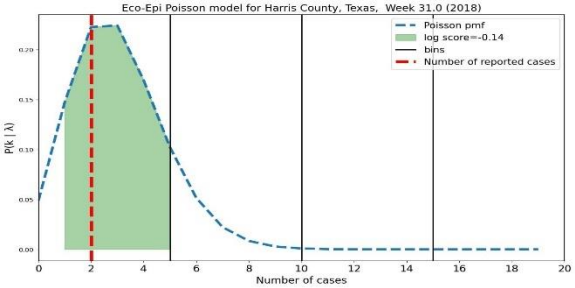

Eco-Epi Poisson model for Harris County, Texas, Week 42.0 (2017)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

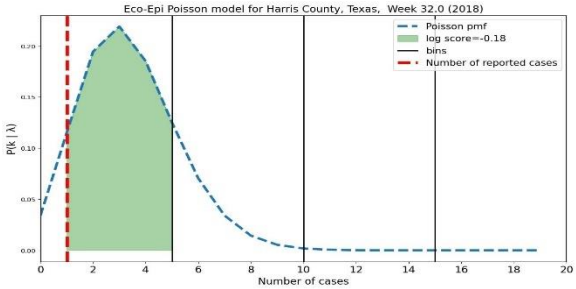

Eco-Epi Poisson model for Harris County, Texas, Week 43.0 (2017)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

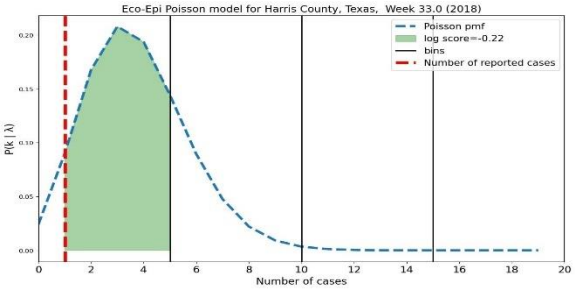

Eco-Epi Poisson model for Harris County, Texas, Week 50.0 (2017)
Poisson pmf
log score=-0.51
bins
Number of reported cases
P(k | λ)
Number of cases

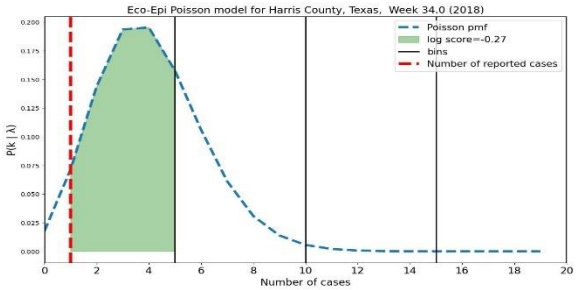
2018

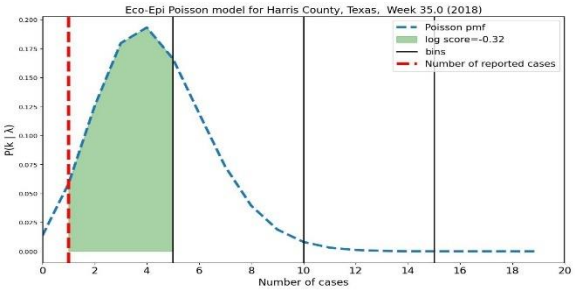

Eco-Epi Poisson model for Harris County, Texas, Week 30.0 (2018)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

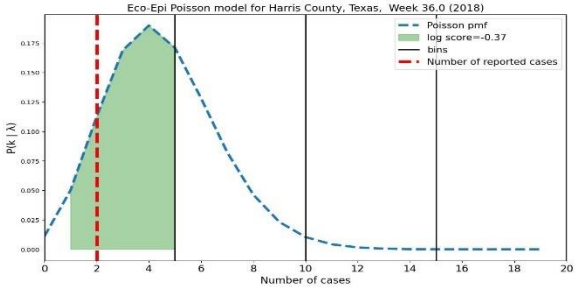

Eco-Epi Poisson model for Harris County, Texas, Week 31.0 (2018)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

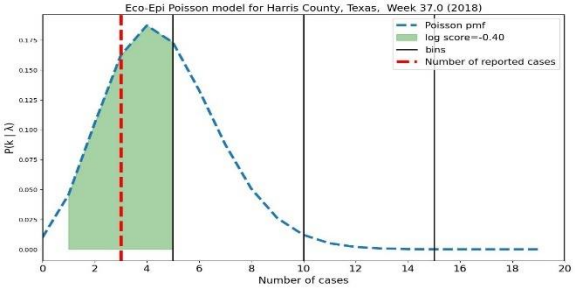

Eco-Epi Poisson model for Harris County, Texas, Week 32.0 (2018)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases

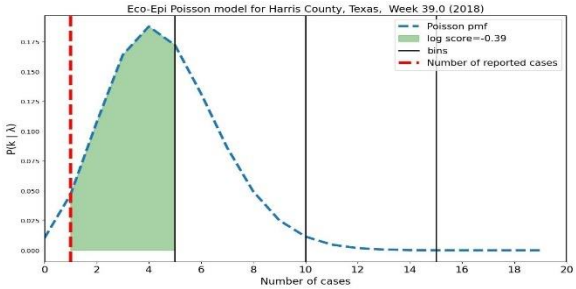

Eco-Epi Poisson model for Harris County, Texas, Week 33.0 (2018)
Poisson pmf
log score=-0.22
bins
Number of reported cases
P(k | λ)
Number of cases

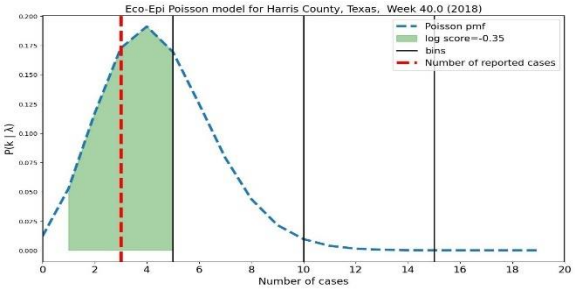

Eco-Epi Poisson model for Harris County, Texas, Week 34.0 (2018)
Poisson pmf
log score=-0.27
bins
Number of reported cases
P(k | λ)
Number of cases

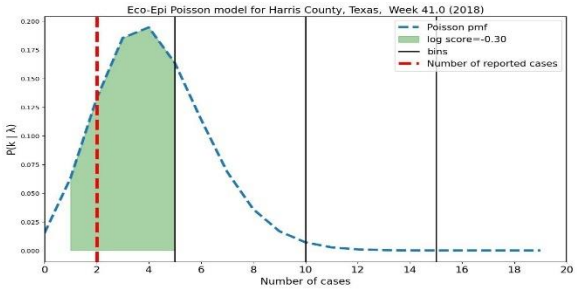

Eco-Epi Poisson model for Harris County, Texas, Week 35.0 (2018)
Poisson pmf
log score=-0.32
bins
Number of reported cases
P(k | λ)
Number of cases

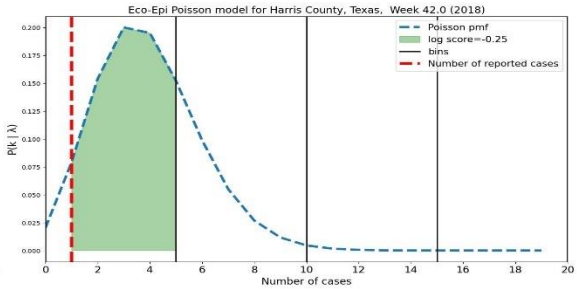

Eco-Epi Poisson model for Harris County, Texas, Week 36.0 (2018)
Poisson pmf
log score=-0.37
bins
Number of reported cases
P(k | λ)
Number of cases

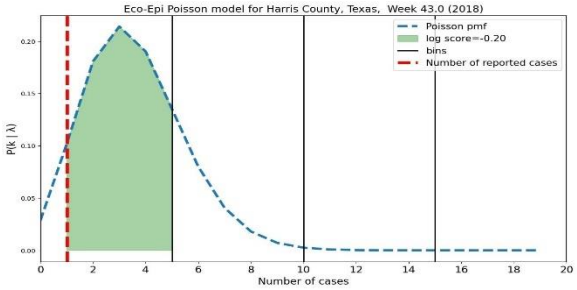

Eco-Epi Poisson model for Harris County, Texas, Week 37.0 (2018)
Poisson pmf
log score=-0.40
bins
Number of reported cases
P(k | λ)
Number of cases

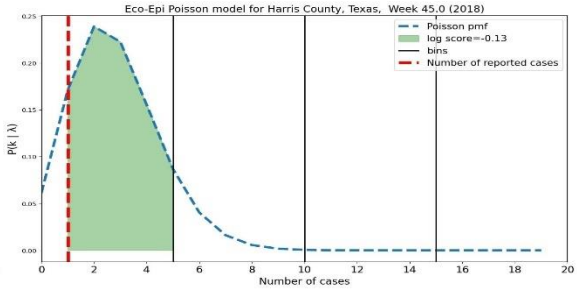

Eco-Epi Poisson model for Harris County, Texas, Week 39.0 (2018)
Poisson pmf
log score=-0.39
bins
Number of reported cases
P(k | λ)
Number of cases

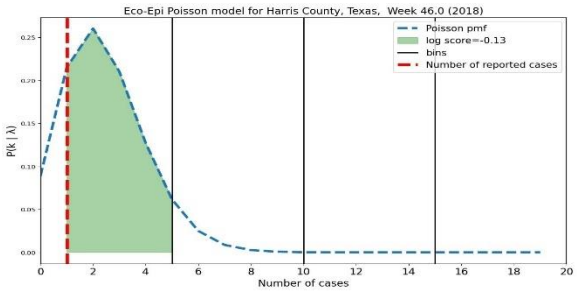

Eco-Epi Poisson model for Harris County, Texas, Week 40.0 (2018)
Poisson pmf
log score=-0.35
bins
Number of reported cases
P(k | λ)
Number of cases

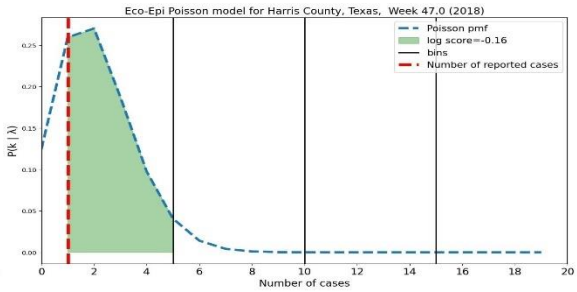

Eco-Epi Poisson model for Harris County, Texas, Week 41.0 (2018)
Poisson pmf
log score=-0.30
bins
Number of reported cases
P(k | λ)
Number of cases

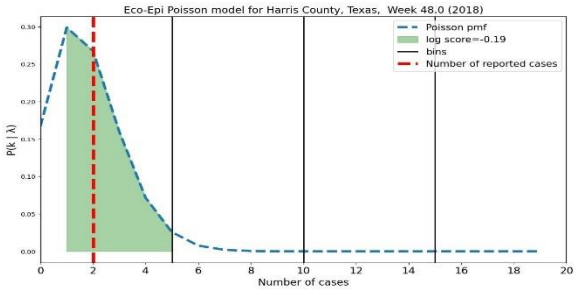

Eco-Epi Poisson model for Harris County, Texas, Week 42.0 (2018)
Poisson pmf
log score=-0.25
bins
Number of reported cases
P(k | λ)
Number of cases

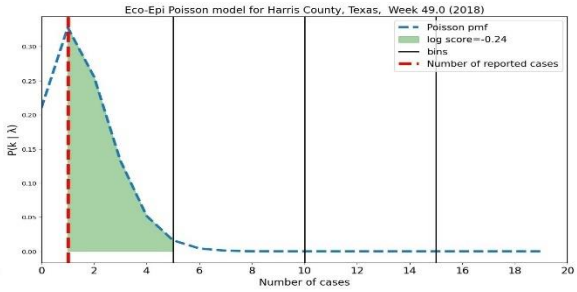

Eco-Epi Poisson model for Harris County, Texas, Week 43.0 (2018)
Poisson pmf
log score=-0.20
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Harris County, Texas, Week 45.0 (2018)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

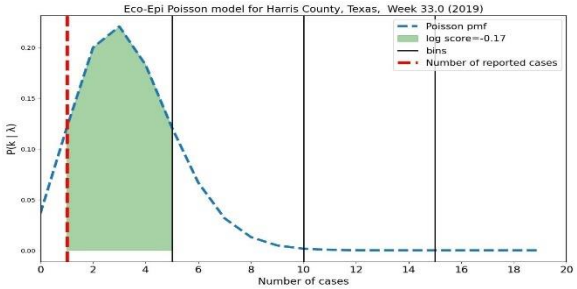

Eco-Epi Poisson model for Harris County, Texas, Week 46.0 (2018)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

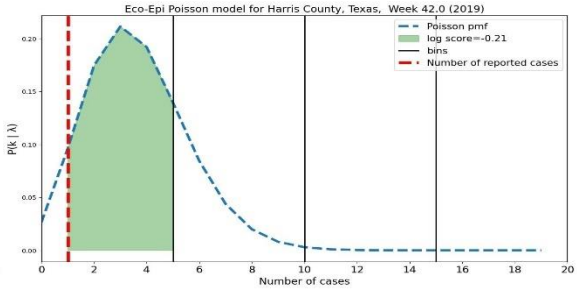

Eco-Epi Poisson model for Harris County, Texas, Week 47.0 (2018)
Poisson pmf
log score=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Harris County, Texas, Week 48.0 (2018)
Poisson pmf
log score=-0.19
bins
Number of reported cases
P(k | λ)
Number of cases

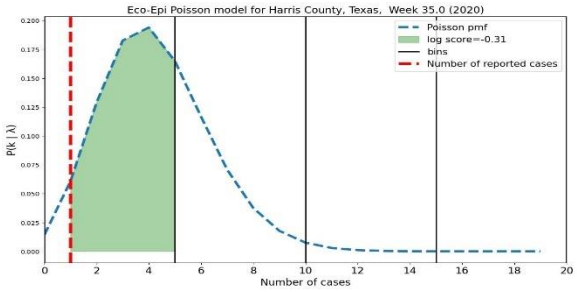

Eco-Epi Poisson model for Harris County, Texas, Week 49.0 (2018)
Poisson pmf
log score=-0.24
bins
Number of reported cases
P(k | λ)
Number of cases

2019

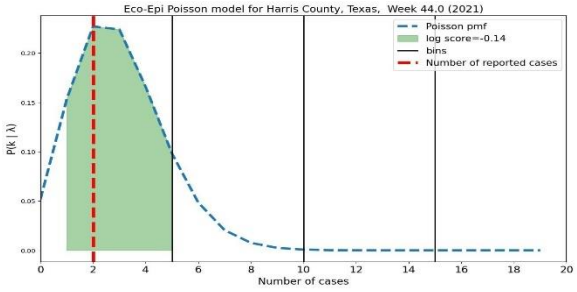

Eco-Epi Poisson model for Harris County, Texas, Week 33.0 (2019)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Harris County, Texas, Week 42.0 (2019)
Poisson pmf
log score=-0.21
bins
Number of reported cases
P(k | λ)
Number of cases

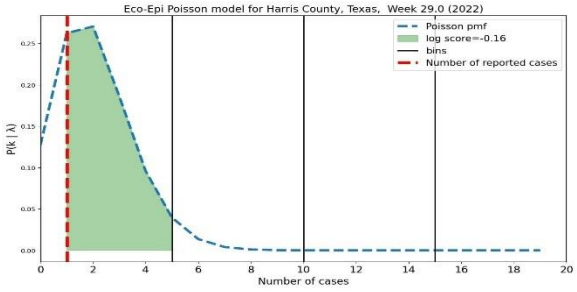
2020

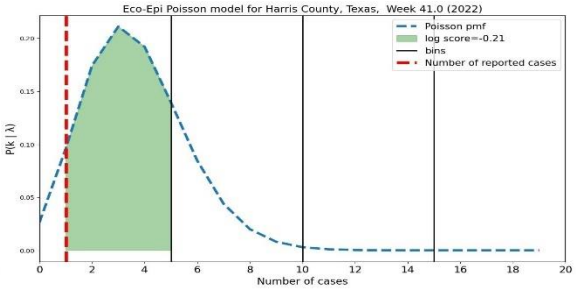


2021

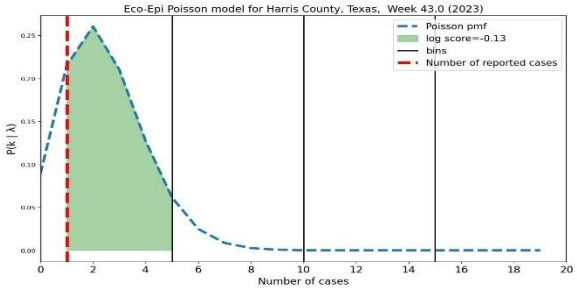


2022

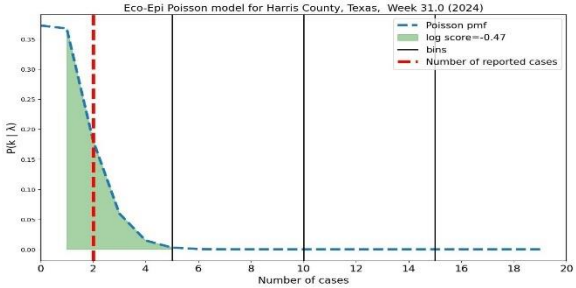


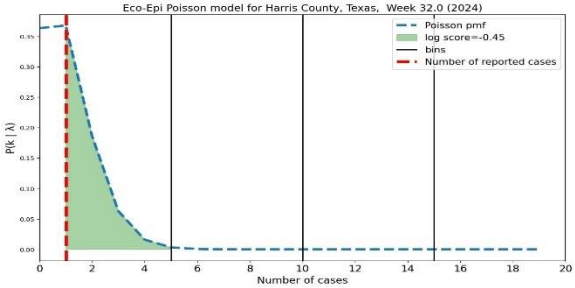


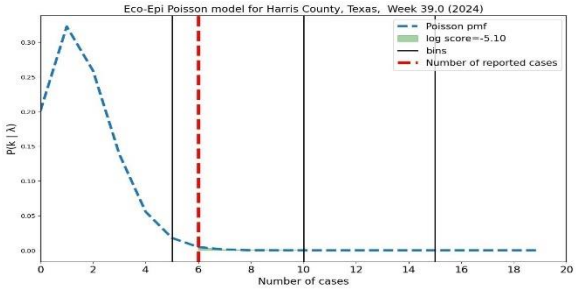
2023

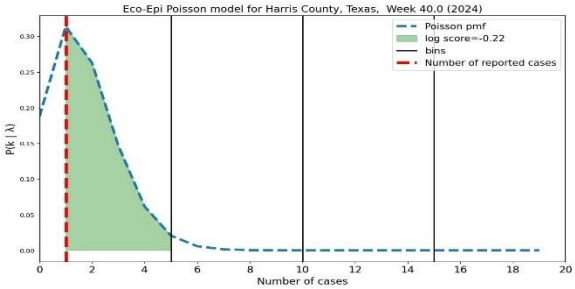


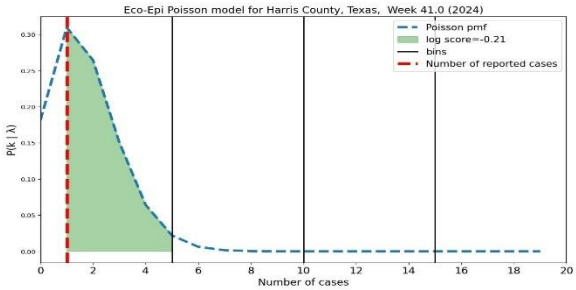
2024

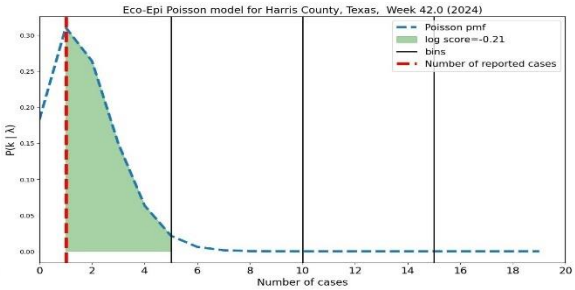

Eco-Epi Poisson model for Harris County, Texas, Week 31.0 (2024)
Poisson pmf
log score=-0.47
bins
Number of reported cases
P(k | λ)
Number of cases

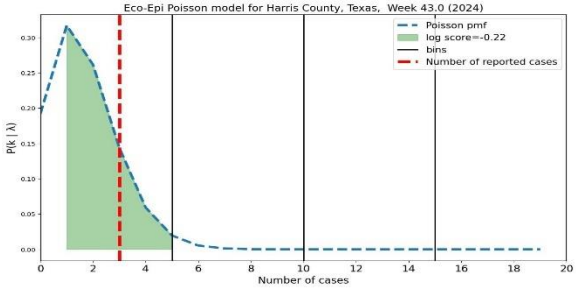

Eco-Epi Poisson model for Harris County, Texas, Week 32.0 (2024)
Poisson pmf
log score=-0.45
bins
Number of reported cases
P(k | λ)
Number of cases

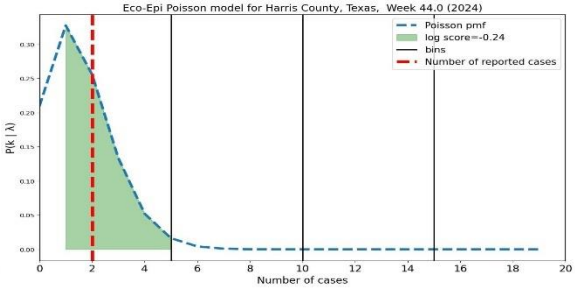

Eco-Epi Poisson model for Harris County, Texas, Week 39.0 (2024)
Poisson pmf
log score=-5.10
bins
Number of reported cases
P(k | λ)
Number of cases

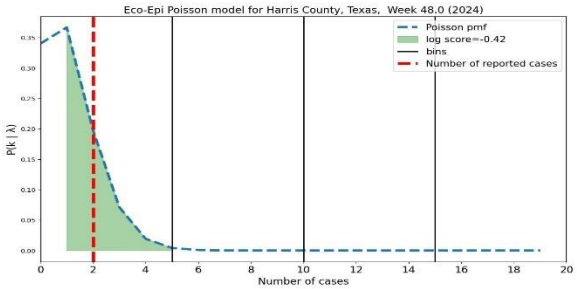

Eco-Epi Poisson model for Harris County, Texas, Week 40.0 (2024)
Poisson pmf
log score=-0.22
bins
Number of reported cases
P(k | λ)
Number of cases

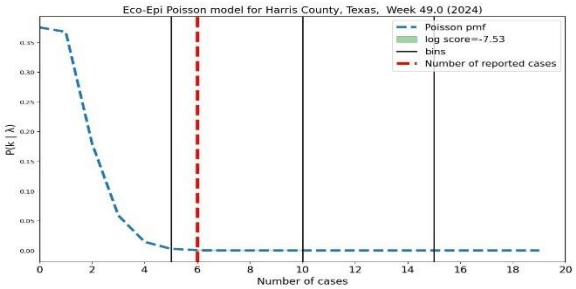

Eco-Epi Poisson model for Harris County, Texas, Week 41.0 (2024)
Poisson pmf
log score=-0.21
bins
Number of reported cases
P(k | λ)
Number of cases

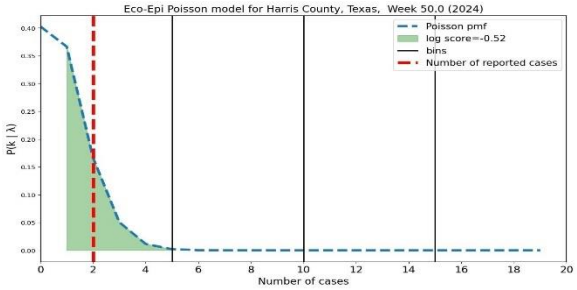

Eco-Epi Poisson model for Harris County, Texas, Week 42.0 (2024)
Poisson pmf
log score=-0.21
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Harris County, Texas, Week 43.0 (2024)
Poisson pmf
log score=-0.22
bins
Number of reported cases
P(k | λ)
Number of cases

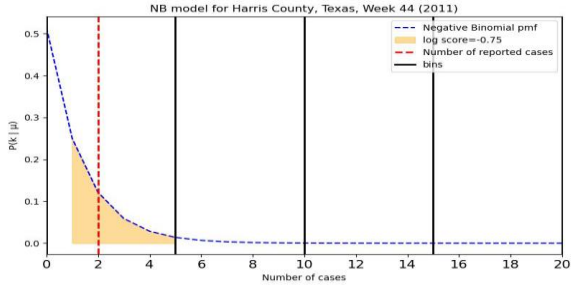

Eco-Epi Poisson model for Harris County, Texas, Week 44.0 (2024)
Poisson pmf
log score=-0.24
bins
Number of reported cases
P(k | λ)
Number of cases

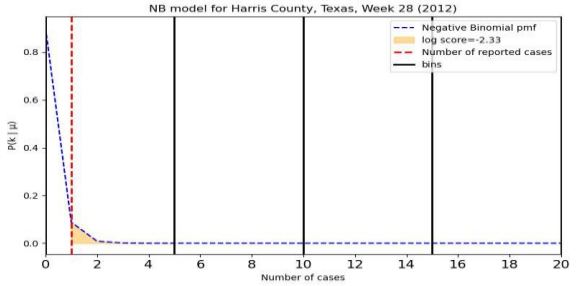


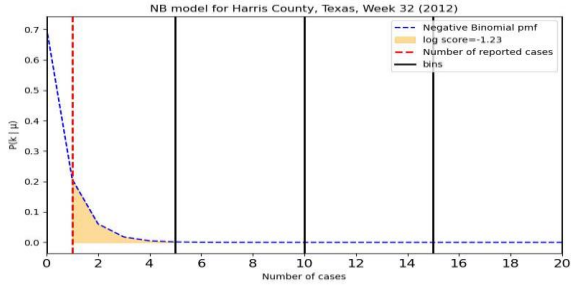


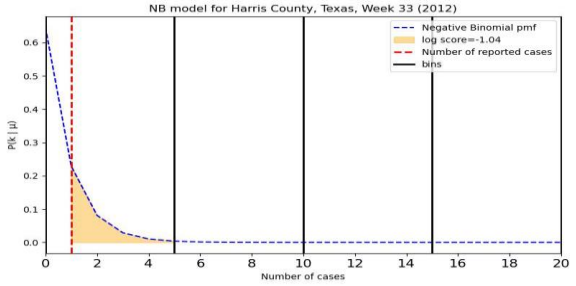


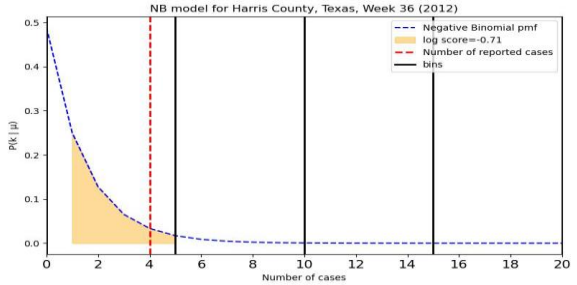
NB-Harris County-(2011-2024)

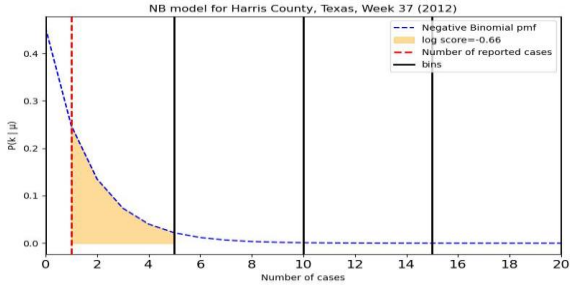


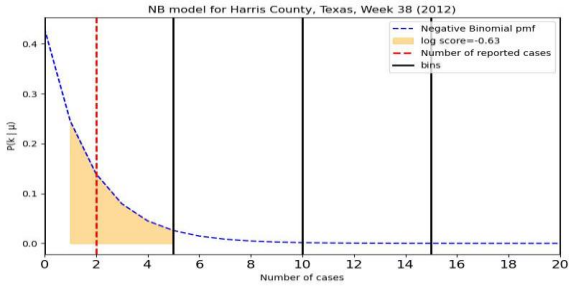


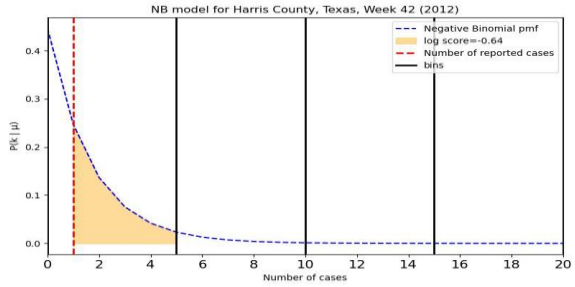


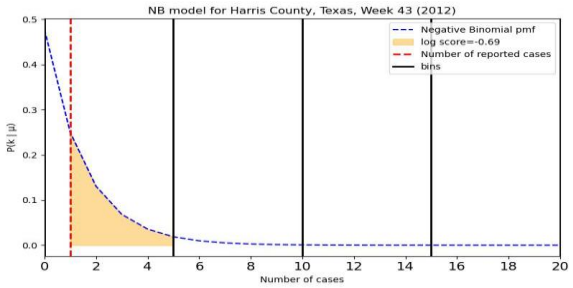


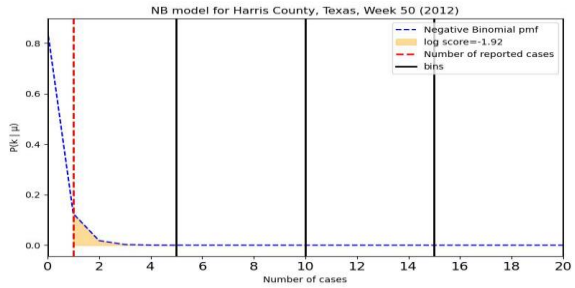


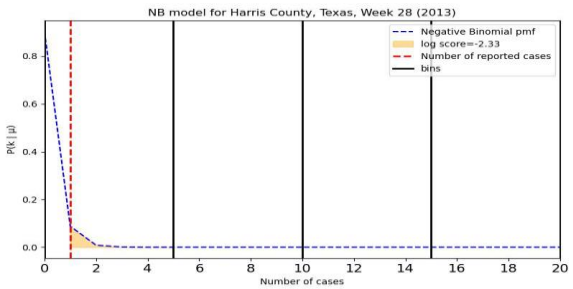


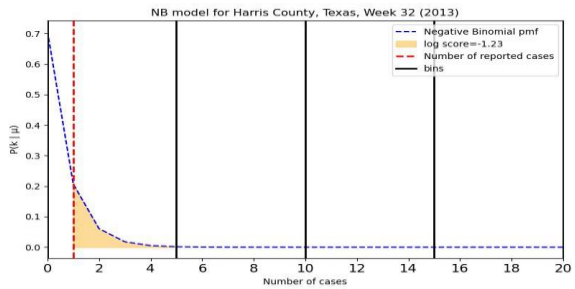

NB model for Harris County, Texas, Week 38 (2012)
Negative Binomial pmf
log score=-0.63
Number of reported cases
bins
P(k | μ)
Number of cases

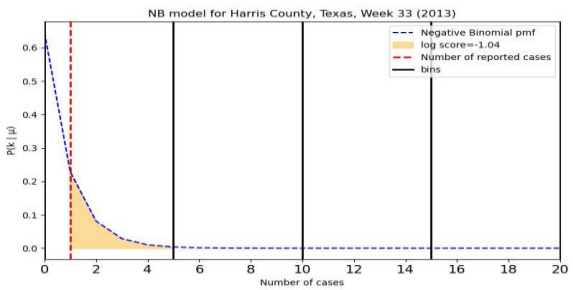

NB model for Harris County, Texas, Week 42 (2012)
Negative Binomial pmf
log score=-0.64
Number of reported cases
bins
P(k | μ)
Number of cases

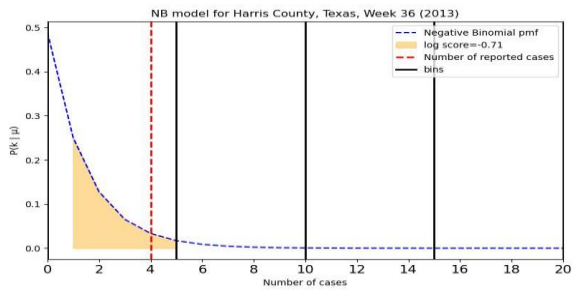

NB model for Harris County, Texas, Week 43 (2012)
Negative Binomial pmf
log score=-0.69
Number of reported cases
bins
P(k | μ)
Number of cases

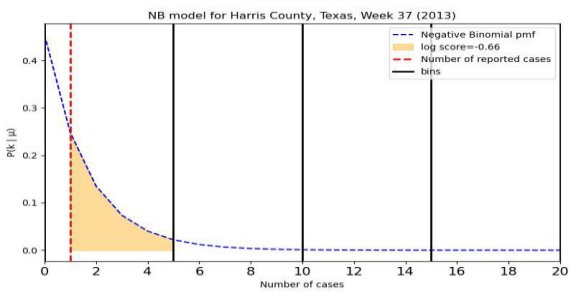

NB model for Harris County, Texas, Week 50 (2012)
Negative Binomial pmf
log score=-1.92
Number of reported cases
bins
P(k | μ)
Number of cases

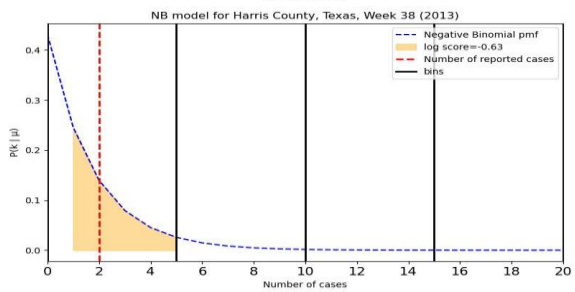

NB model for Harris County, Texas, Week 28 (2013)
Negative Binomial pmf
log score=-2.33
Number of reported cases
bins
P(k | μ)
Number of cases

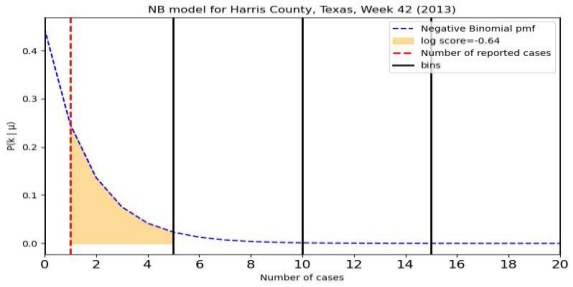

NB model for Harris County, Texas, Week 32 (2013)
Negative Binomial pmf
log score=-1.23
Number of reported cases
bins
P(k | μ)
Number of cases

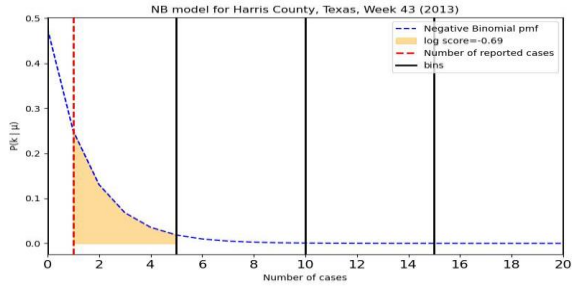

NB model for Harris County, Texas, Week 33 (2013)
Negative Binomial pmf
log score=-1.04
Number of reported cases
bins
P(k | μ)
Number of cases

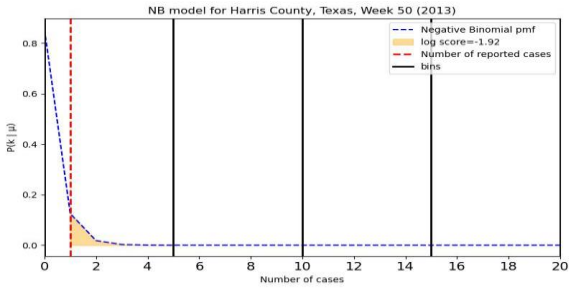

NB model for Harris County, Texas, Week 36 (2013)
Negative Binomial pmf
log score=-0.71
Number of reported cases
bins
P(k | μ)
Number of cases

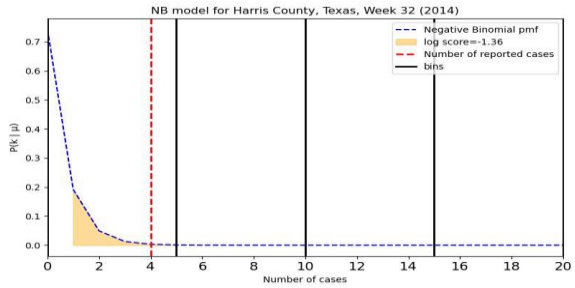

NB model for Harris County, Texas, Week 37 (2013)
Negative Binomial pmf
log score=-0.66
Number of reported cases
bins
P(k | μ)
Number of cases

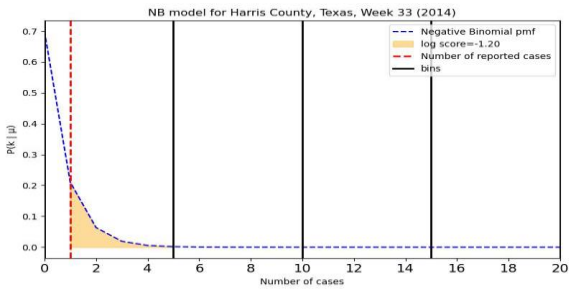

NB model for Harris County, Texas, Week 38 (2013)
Negative Binomial pmf
log score=-0.63
Number of reported cases
bins
P(k | μ)
Number of cases

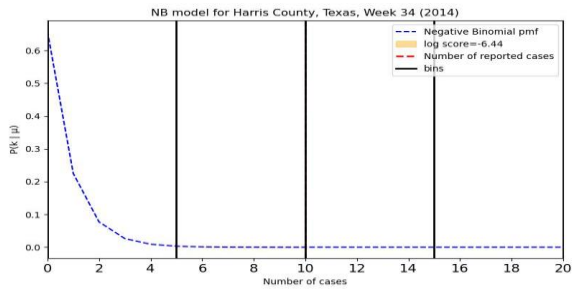

NB model for Harris County, Texas, Week 42 (2013)
Negative Binomial pmf
log score=-0.64
Number of reported cases
bins
P(k | μ)
Number of cases

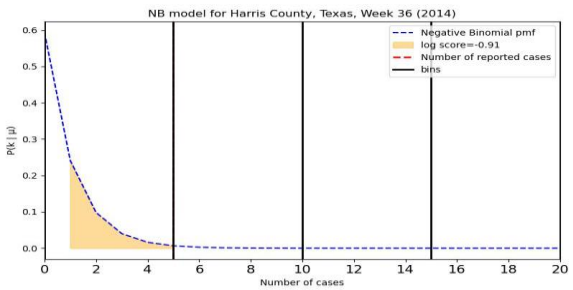

NB model for Harris County, Texas, Week 43 (2013)
Negative Binomial pmf
log score=-0.69
Number of reported cases
bins
P(k | μ)
Number of cases

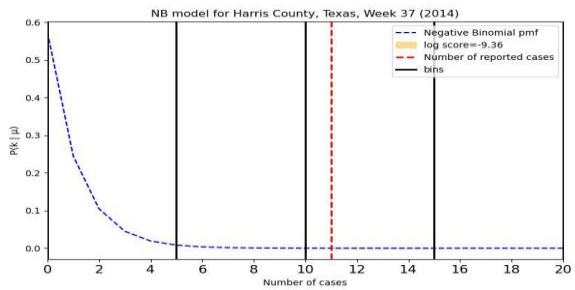

NB model for Harris County, Texas, Week 50 (2013)
Negative Binomial pmf
log score=-1.92
Number of reported cases
bins
P(k | μ)
Number of cases

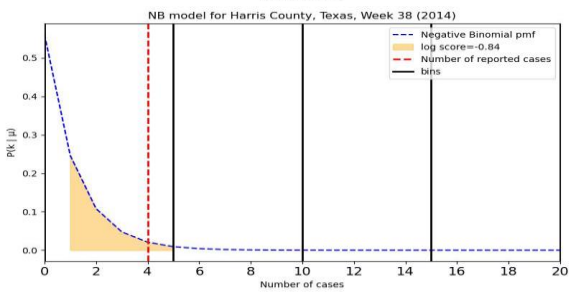

NB model for Harris County, Texas, Week 32 (2014)
Negative Binomial pmf
log score=-1.36
Number of reported cases
bins
P(k | μ)
Number of cases

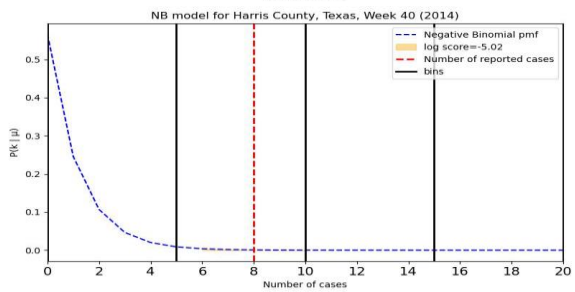

NB model for Harris County, Texas, Week 33 (2014)
Negative Binomial pmf
log score=-1.20
Number of reported cases
bins
P(k | μ)
Number of cases

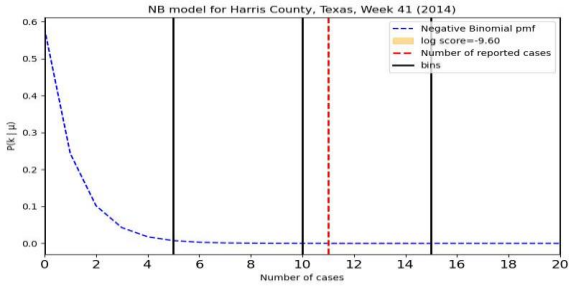

NB model for Harris County, Texas, Week 34 (2014)
Negative Binomial pmf
log score=-6.44
Number of reported cases
bins
P(k | μ)
Number of cases

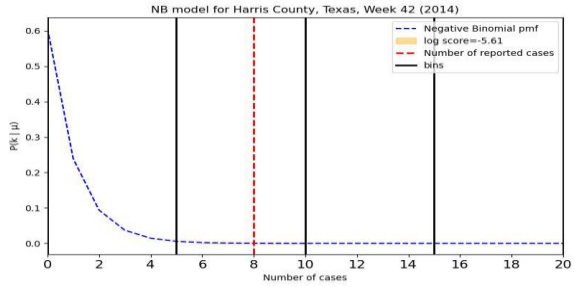

NB model for Harris County, Texas, Week 36 (2014)
Negative Binomial pmf
log score=-0.91
Number of reported cases
bins
P(k | μ)
Number of cases

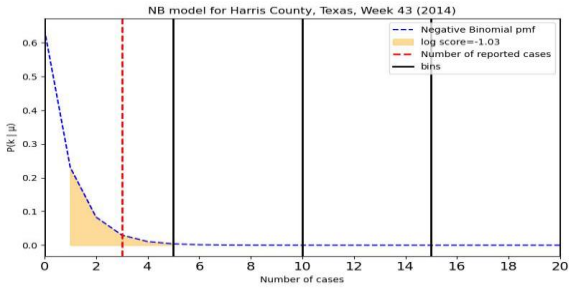

NB model for Harris County, Texas, Week 37 (2014)
Negative Binomial pmf
log score=-9.36
Number of reported cases
bins
P(k | μ)
Number of cases

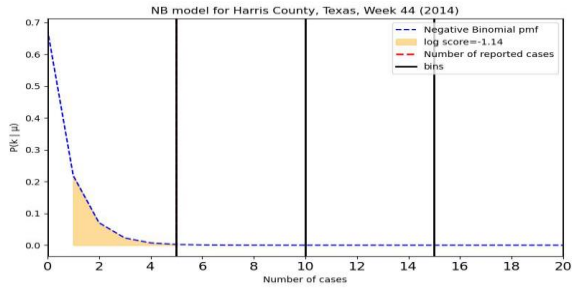

NB model for Harris County, Texas, Week 38 (2014)
Negative Binomial pmf
log score=-0.84
Number of reported cases
bins
P(k | μ)
Number of cases

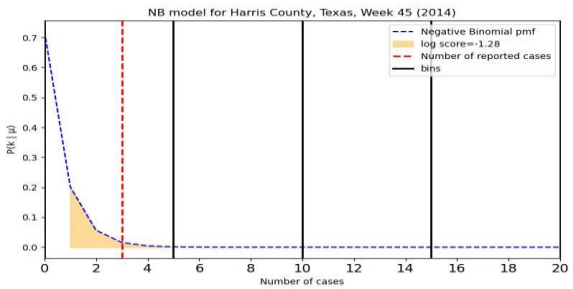

NB model for Harris County, Texas, Week 40 (2014)
Negative Binomial pmf
log score=-5.02
Number of reported cases
bins
P(k | μ)
Number of cases

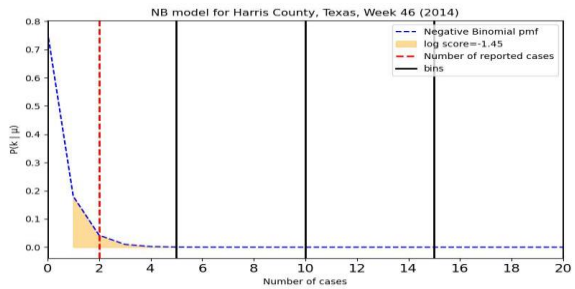

NB model for Harris County, Texas, Week 41 (2014)
Negative Binomial pmf
log score=-9.60
Number of reported cases
bins
P(k | μ)
Number of cases

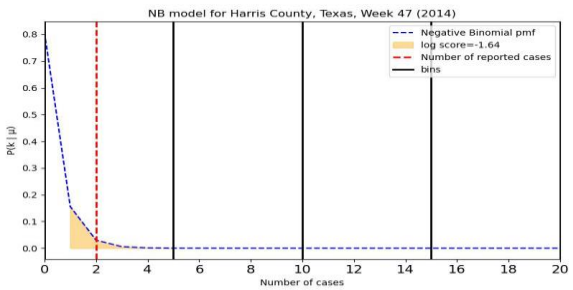

NB model for Harris County, Texas, Week 42 (2014)
Negative Binomial pmf
log score=-5.61
Number of reported cases
bins
P(k | μ)
Number of cases

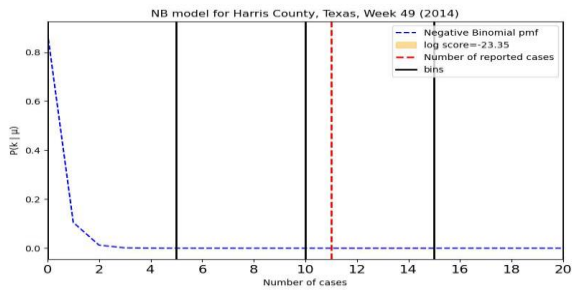

NB model for Harris County, Texas, Week 43 (2014)
Negative Binomial pmf
log score=-1.03
Number of reported cases
bins
P(k | μ)
Number of cases

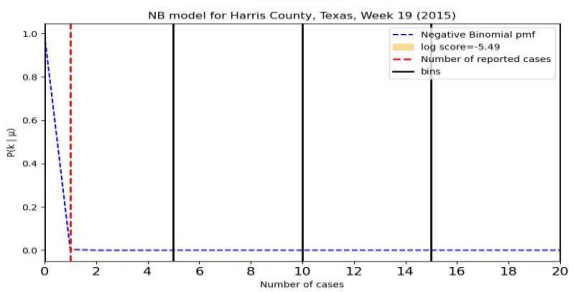

NB model for Harris County, Texas, Week 44 (2014)
Negative Binomial pmf
log score=-1.14
Number of reported cases
bins
P(k | μ)
Number of cases

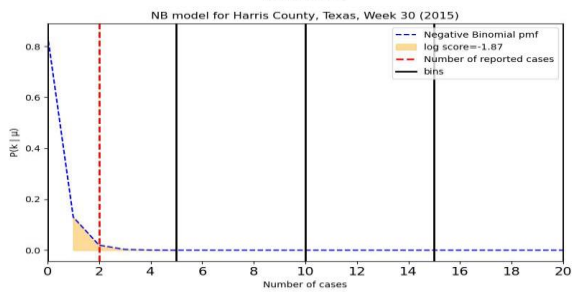

NB model for Harris County, Texas, Week 45 (2014)
Negative Binomial pmf
log score=-1.28
Number of reported cases
bins
P(k | μ)
Number of cases

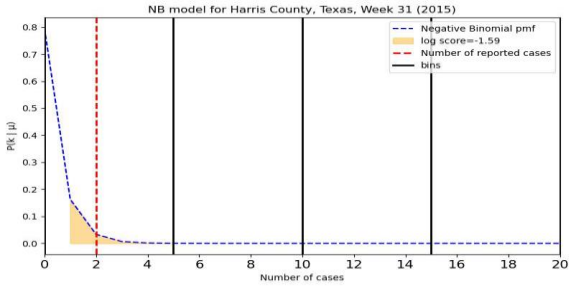

NB model for Harris County, Texas, Week 46 (2014)
Negative Binomial pmf
log score=-1.45
Number of reported cases
bins
P(k | μ)
Number of cases

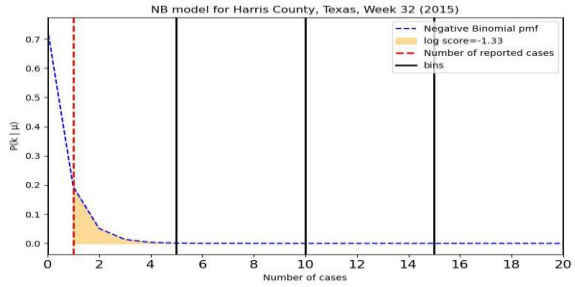

NB model for Harris County, Texas, Week 47 (2014)
Negative Binomial pmf
log score=-1.64
Number of reported cases
bins
P(k | μ)
Number of cases

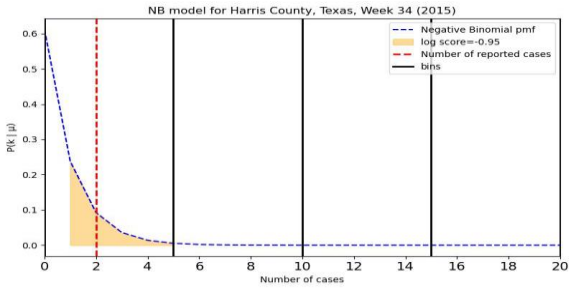

NB model for Harris County, Texas, Week 49 (2014)
Negative Binomial pmf
log score=-23.35
Number of reported cases
bins
P(k | μ)
Number of cases

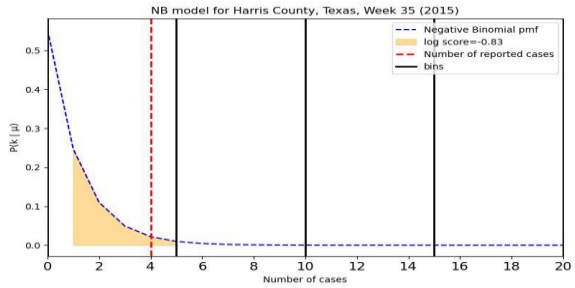

NB model for Harris County, Texas, Week 19 (2015)
Negative Binomial pmf
log score=-5.49
Number of reported cases
bins
P(k | μ)
Number of cases

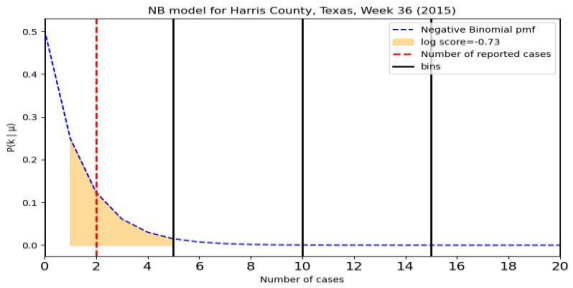

NB model for Harris County, Texas, Week 30 (2015)
Negative Binomial pmf
log score=-1.87
Number of reported cases
bins
P(k | μ)
Number of cases

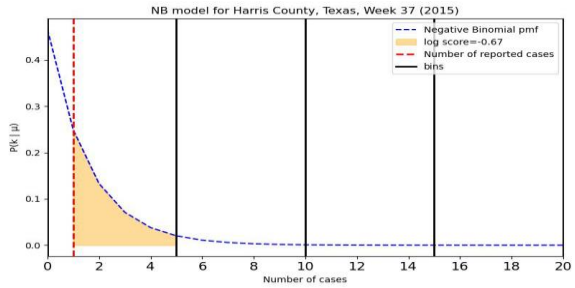

NB model for Harris County, Texas, Week 31 (2015)
Negative Binomial pmf
log score=-1.59
Number of reported cases
bins
P(k | μ)
Number of cases

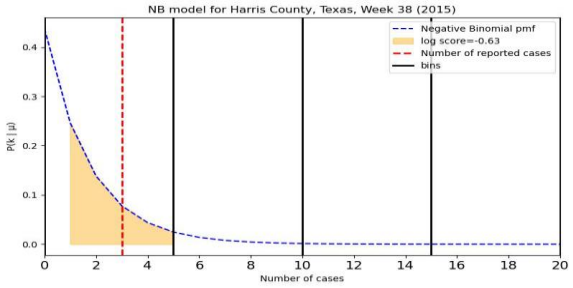

NB model for Harris County, Texas, Week 32 (2015)
Negative Binomial pmf
log score=-1.33
Number of reported cases
bins
P(k | μ)
Number of cases

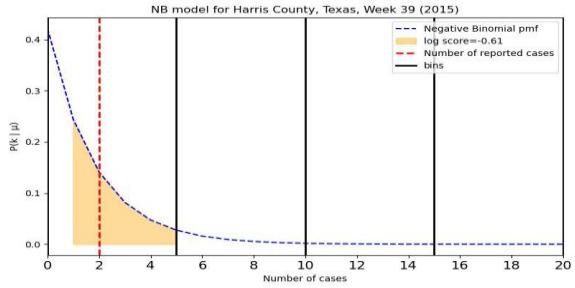

NB model for Harris County, Texas, Week 34 (2015)
Negative Binomial pmf
log score=-0.95
Number of reported cases
bins
P(k | μ)
Number of cases

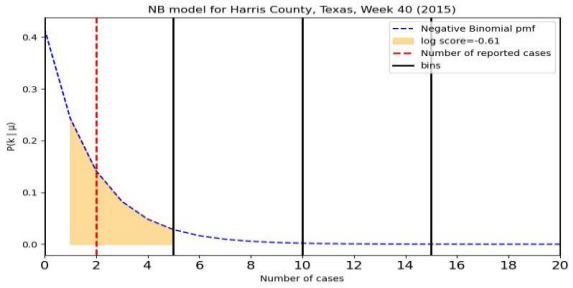

NB model for Harris County, Texas, Week 35 (2015)
Negative Binomial pmf
log score=-0.83
Number of reported cases
bins
P(k | μ)
Number of cases

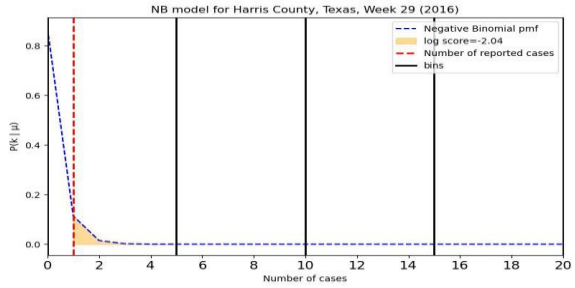

NB model for Harris County, Texas, Week 36 (2015)
Negative Binomial pmf
log score=-0.73
Number of reported cases
bins
P(k | μ)
Number of cases

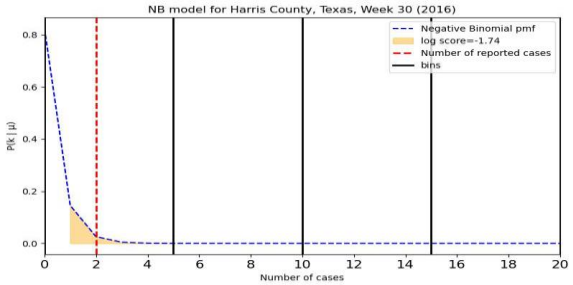

NB model for Harris County, Texas, Week 37 (2015)
Negative Binomial pmf
log score=-0.67
Number of reported cases
bins
P(k | μ)
Number of cases

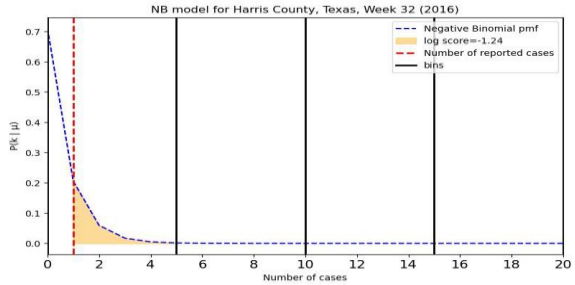

NB model for Harris County, Texas, Week 38 (2015)
Negative Binomial pmf
log score=-0.63
Number of reported cases
bins
P(k | μ)
Number of cases

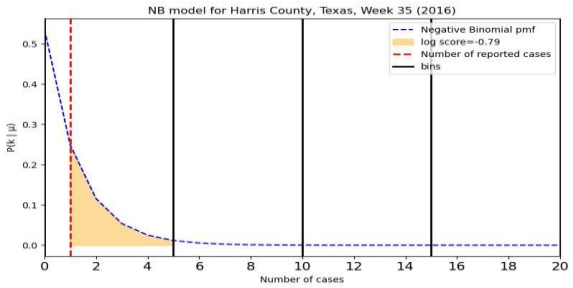

NB model for Harris County, Texas, Week 39 (2015)
Negative Binomial pmf
log score=-0.61
Number of reported cases
bins
P(k | μ)
Number of cases

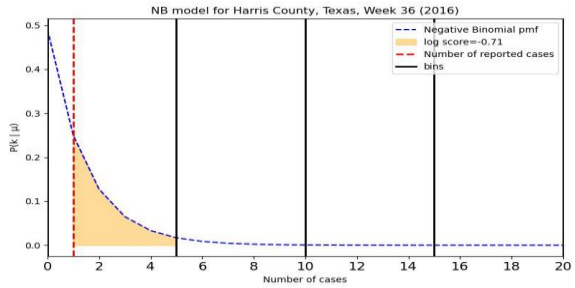

NB model for Harris County, Texas, Week 40 (2015)
Negative Binomial pmf
log score=-0.61
Number of reported cases
bins
P(k | μ)
Number of cases

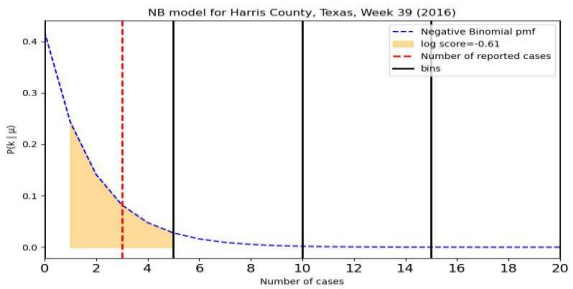

NB model for Harris County, Texas, Week 29 (2016)
Negative Binomial pmf
log score=-2.04
Number of reported cases
bins
P(k | μ)
Number of cases

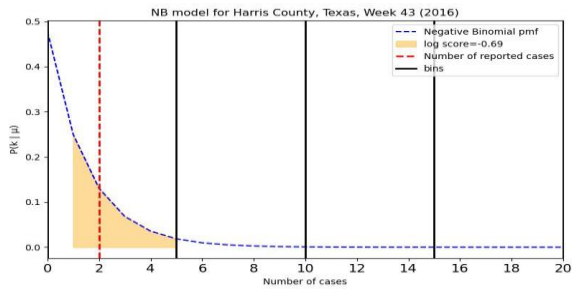

NB model for Harris County, Texas, Week 30 (2016)
Negative Binomial pmf
log score=-1.74
Number of reported cases
bins
P(k | μ)
Number of cases

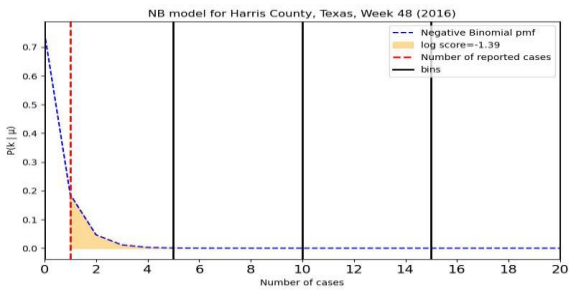

NB model for Harris County, Texas, Week 32 (2016)
Negative Binomial pmf
log score=-1.24
Number of reported cases
bins
P(k | μ)
Number of cases

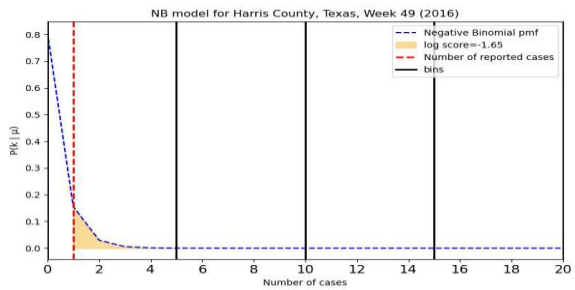

NB model for Harris County, Texas, Week 35 (2016)
Negative Binomial pmf
log score=-0.79
Number of reported cases
bins
P(k | μ)
Number of cases

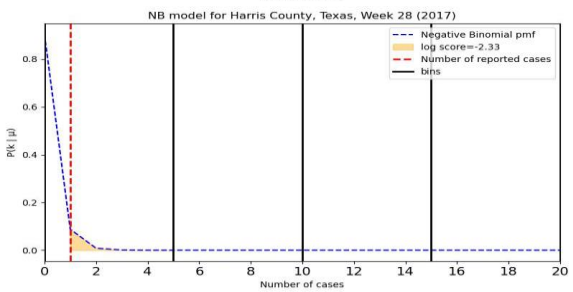

NB model for Harris County, Texas, Week 36 (2016)
Negative Binomial pmf
log score=-0.71
Number of reported cases
bins
P(k | μ)
Number of cases

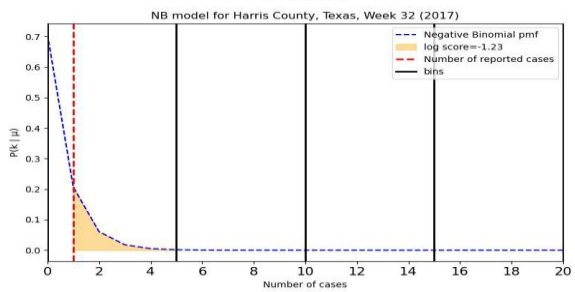

NB model for Harris County, Texas, Week 39 (2016)
Negative Binomial pmf
log score=-0.61
Number of reported cases
bins
P(k | μ)
Number of cases

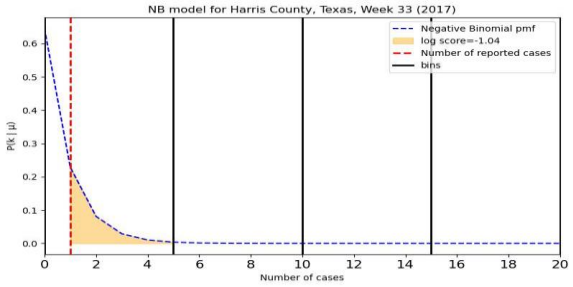

NB model for Harris County, Texas, Week 43 (2016)
Negative Binomial pmf
log score=-0.69
Number of reported cases
bins
P(k | μ)
Number of cases

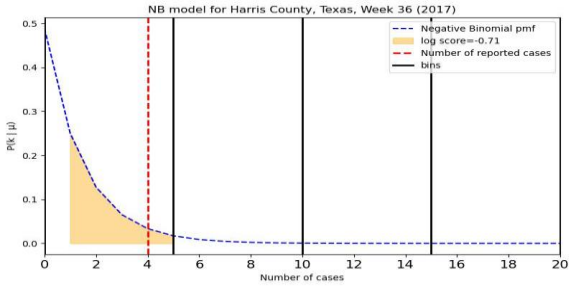

NB model for Harris County, Texas, Week 48 (2016)
Negative Binomial pmf
log score=-1.39
Number of reported cases
bins
P(k | μ)
Number of cases

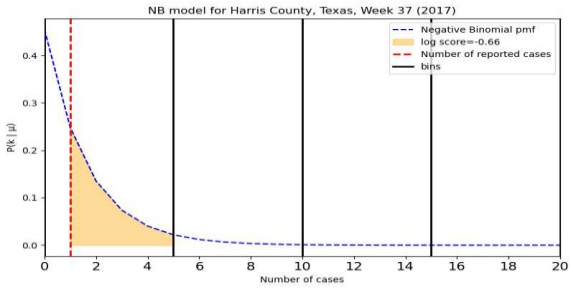

NB model for Harris County, Texas, Week 49 (2016)
Negative Binomial pmf
log score=-1.65
Number of reported cases
bins
P(k | μ)
Number of cases

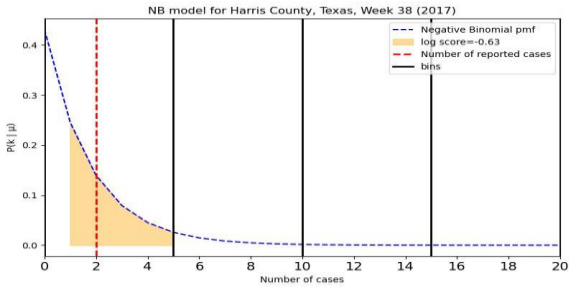

NB model for Harris County, Texas, Week 28 (2017)
Negative Binomial pmf
log score=-2.33
Number of reported cases
bins
P(k | μ)
Number of cases

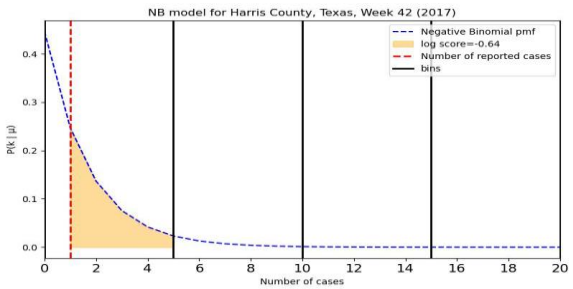

NB model for Harris County, Texas, Week 32 (2017)
Negative Binomial pmf
log score=-1.23
Number of reported cases
bins
P(k | μ)
Number of cases

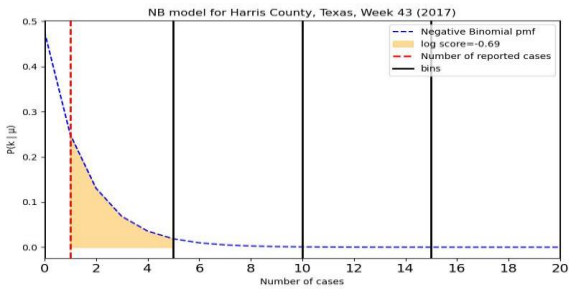

NB model for Harris County, Texas, Week 33 (2017)
Negative Binomial pmf
log score=-1.04
Number of reported cases
bins
P(k | μ)
Number of cases

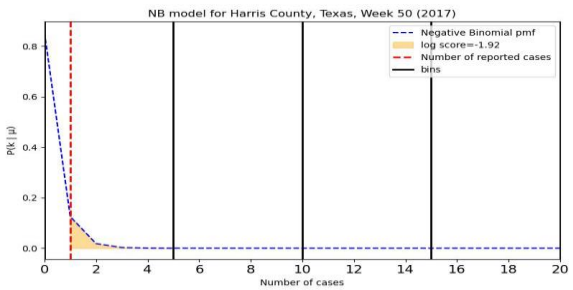

NB model for Harris County, Texas, Week 36 (2017)
Negative Binomial pmf
log score=-0.71
Number of reported cases
bins
P(k | μ)
Number of cases

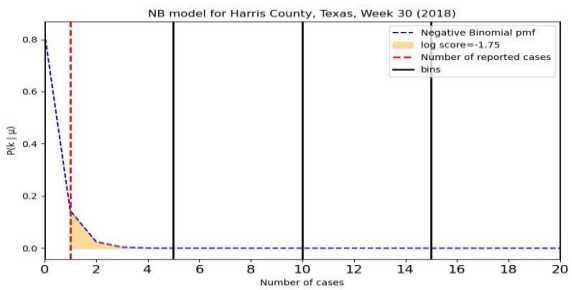

NB model for Harris County, Texas, Week 37 (2017)
Negative Binomial pmf
log score=-0.66
Number of reported cases
bins
P(k | μ)
Number of cases

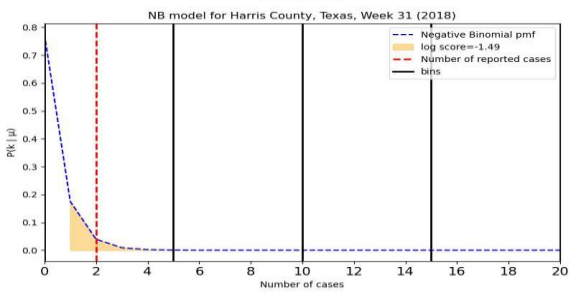

NB model for Harris County, Texas, Week 38 (2017)
Negative Binomial pmf
log score=-0.63
Number of reported cases
bins
P(k | μ)
Number of cases

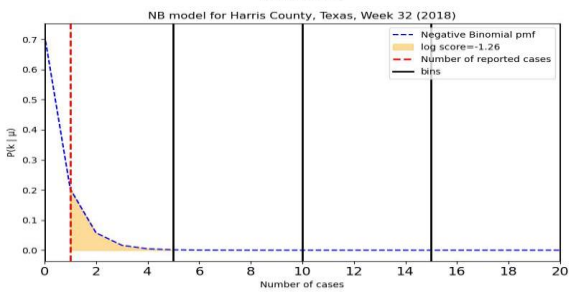

NB model for Harris County, Texas, Week 42 (2017)
Negative Binomial pmf
log score=-0.64
Number of reported cases
bins
P(k | μ)
Number of cases

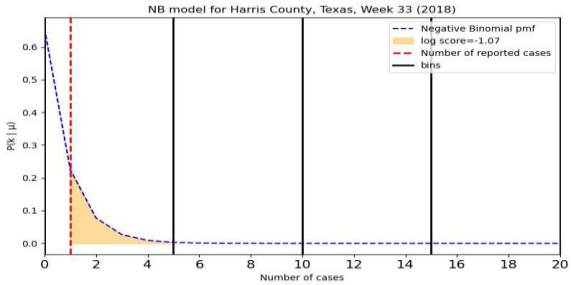

NB model for Harris County, Texas, Week 43 (2017)
Negative Binomial pmf
log score=-0.69
Number of reported cases
bins
P(k | μ)
Number of cases

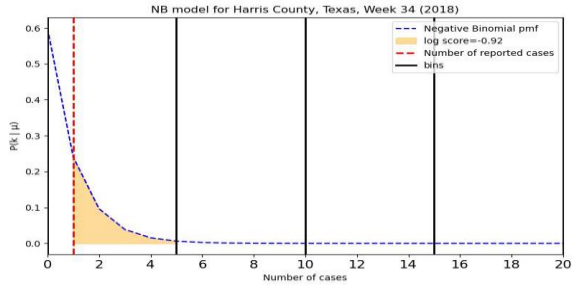

NB model for Harris County, Texas, Week 50 (2017)
Negative Binomial pmf
log score=-1.92
Number of reported cases
bins
P(k | μ)
Number of cases

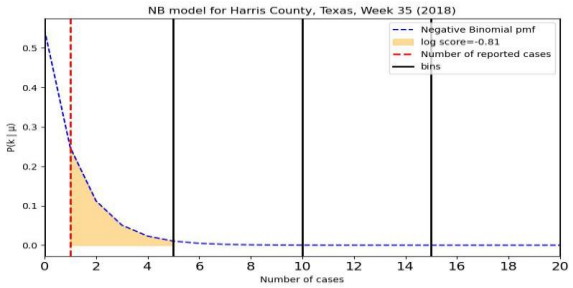

NB model for Harris County, Texas, Week 30 (2018)
Negative Binomial pmf
log score=-1.75
Number of reported cases
bins
P(k | μ)
Number of cases

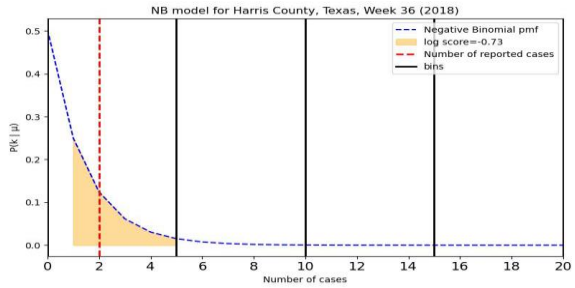

NB model for Harris County, Texas, Week 31 (2018)
Negative Binomial pmf
log score=-1.49
Number of reported cases
bins
P(k | μ)
Number of cases

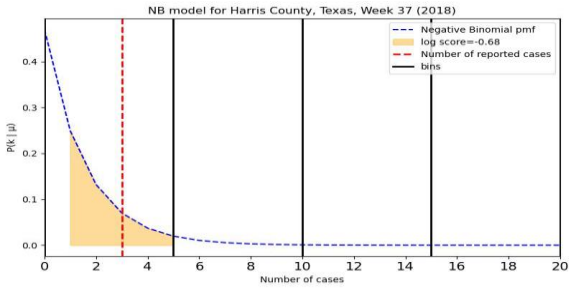

NB model for Harris County, Texas, Week 32 (2018)
Negative Binomial pmf
log score=-1.26
Number of reported cases
bins
P(k | μ)
Number of cases

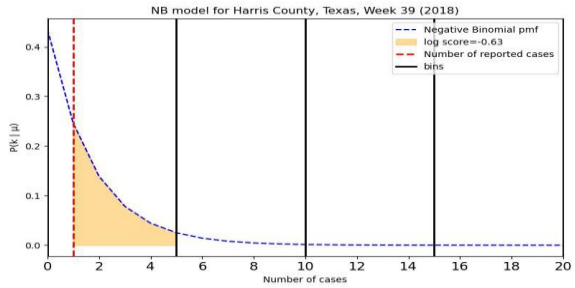

NB model for Harris County, Texas, Week 33 (2018)
Negative Binomial pmf
log score=-1.07
Number of reported cases
bins
P(k | μ)
Number of cases

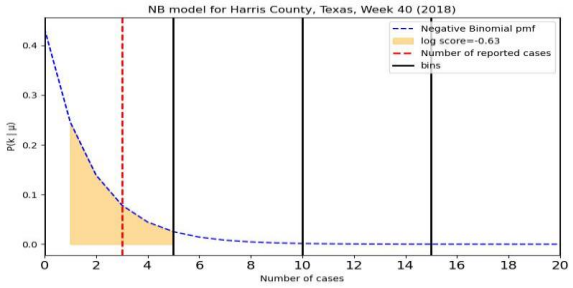

NB model for Harris County, Texas, Week 34 (2018)
Negative Binomial pmf
log score=-0.92
Number of reported cases
bins
P(k | μ)
Number of cases

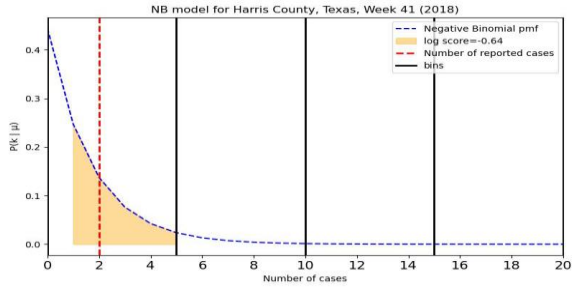

NB model for Harris County, Texas, Week 35 (2018)
Negative Binomial pmf
log score=-0.81
Number of reported cases
bins
P(k | μ)
Number of cases

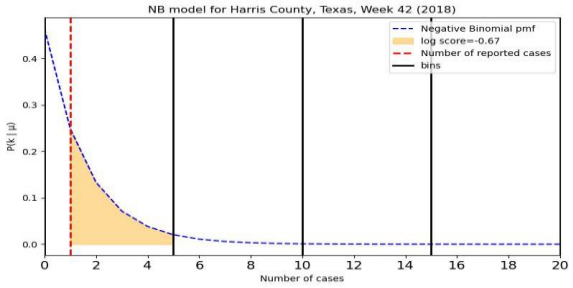

NB model for Harris County, Texas, Week 36 (2018)
Negative Binomial pmf
log score=-0.73
Number of reported cases
bins
P(k | μ)
Number of cases

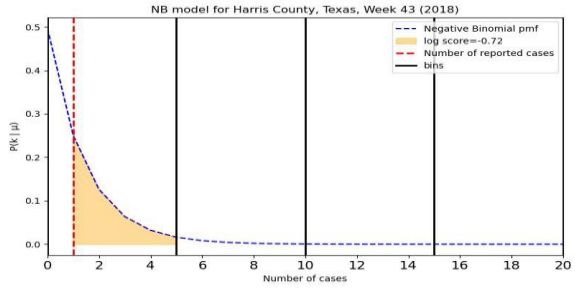

NB model for Harris County, Texas, Week 37 (2018)
Negative Binomial pmf
log score=-0.68
Number of reported cases
bins
P(k | μ)
Number of cases

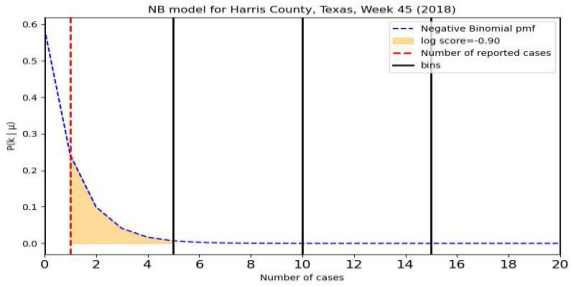

NB model for Harris County, Texas, Week 39 (2018)
Negative Binomial pmf
log score=-0.63
Number of reported cases
bins
P(k | μ)
Number of cases

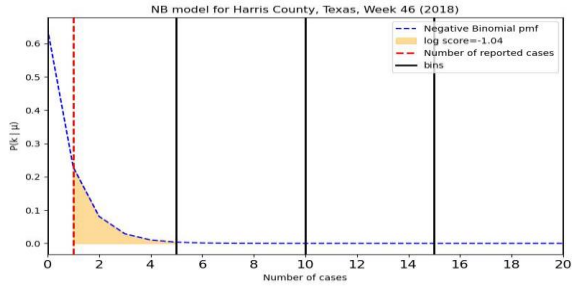

NB model for Harris County, Texas, Week 40 (2018)
Negative Binomial pmf
log score=-0.63
Number of reported cases
bins
P(k | μ)
Number of cases

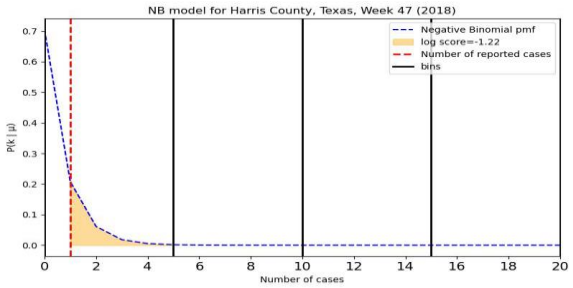

NB model for Harris County, Texas, Week 41 (2018)
Negative Binomial pmf
log score=-0.64
Number of reported cases
bins
P(k | μ)
Number of cases

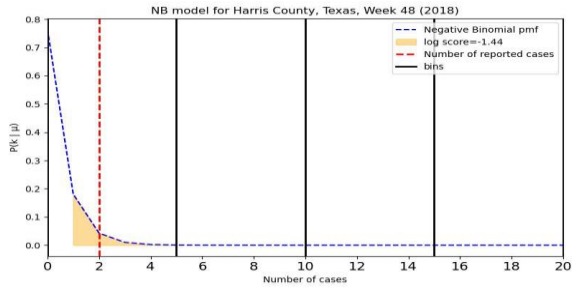

NB model for Harris County, Texas, Week 42 (2018)
Negative Binomial pmf
log score=-0.67
Number of reported cases
bins
P(k | μ)
Number of cases

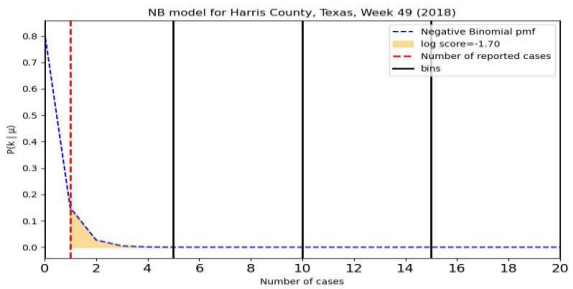

NB model for Harris County, Texas, Week 43 (2018)
Negative Binomial pmf
log score=-0.72
Number of reported cases
bins
P(k | μ)
Number of cases

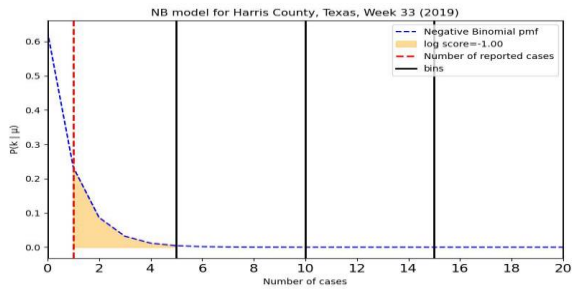

NB model for Harris County, Texas, Week 45 (2018)
Negative Binomial pmf
log score=-0.90
Number of reported cases
bins
P(k | μ)
Number of cases

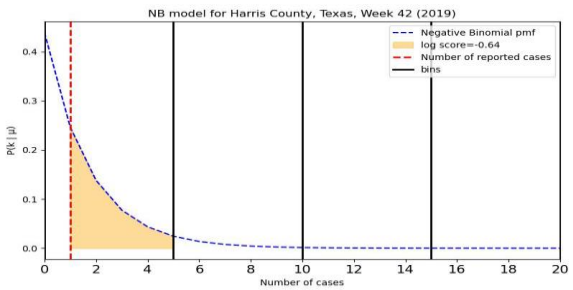

NB model for Harris County, Texas, Week 46 (2018)
Negative Binomial pmf
log score=-1.04
Number of reported cases
bins
P(k | μ)
Number of cases

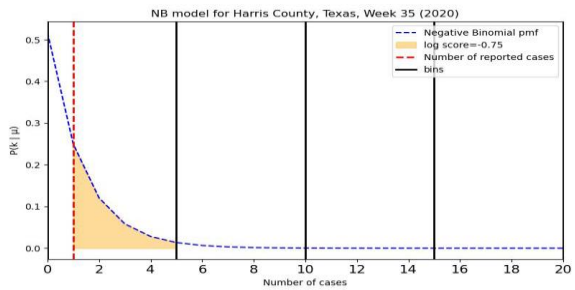

NB model for Harris County, Texas, Week 47 (2018)
Negative Binomial pmf
log score=-1.22
Number of reported cases
bins
P(k | μ)
Number of cases

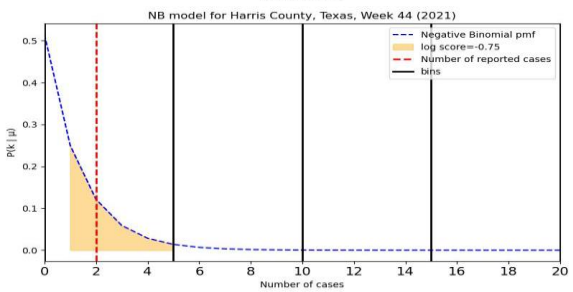

NB model for Harris County, Texas, Week 48 (2018)
Negative Binomial pmf
log score=-1.44
Number of reported cases
bins
P(k | μ)
Number of cases

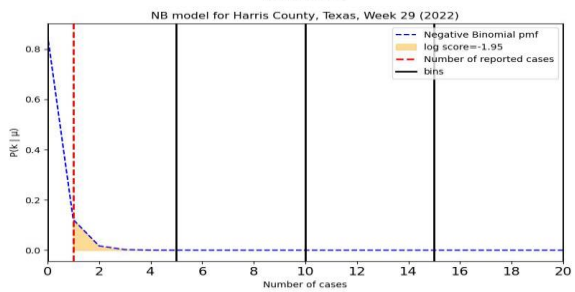

NB model for Harris County, Texas, Week 49 (2018)
Negative Binomial pmf
log score=-1.70
Number of reported cases
bins
P(k | μ)
Number of cases

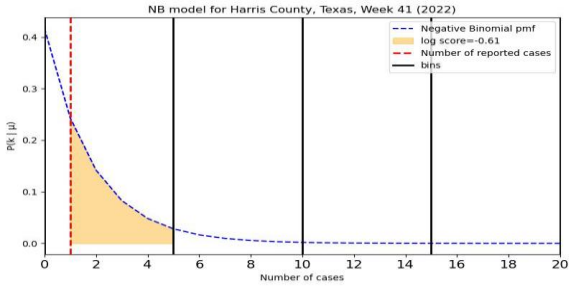

NB model for Harris County, Texas, Week 33 (2019)
Negative Binomial pmf
log score=-1.00
Number of reported cases
bins
P(k | μ)
Number of cases

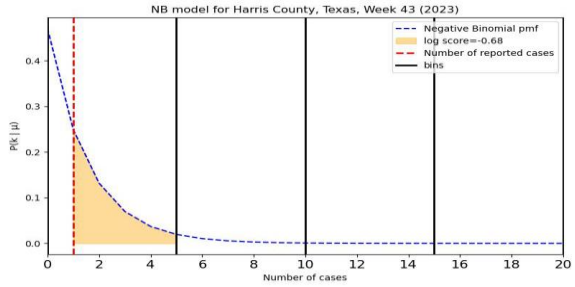

NB model for Harris County, Texas, Week 42 (2019)
Negative Binomial pmf
log score=-0.64
Number of reported cases
bins
P(k | μ)
Number of cases

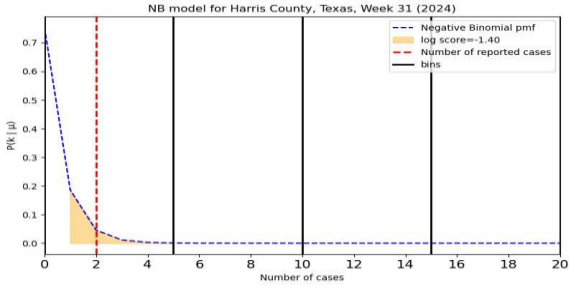

NB model for Harris County, Texas, Week 35 (2020)
Negative Binomial pmf
log score=-0.75
Number of reported cases
bins
P(k | μ)
Number of cases

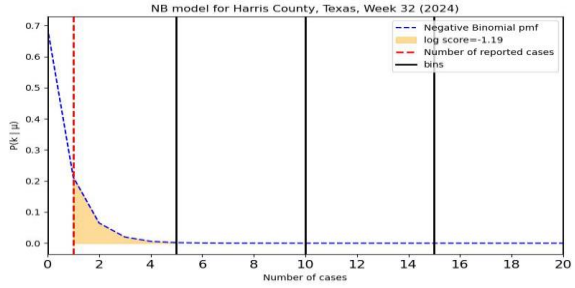

NB model for Harris County, Texas, Week 44 (2021)
Negative Binomial pmf
log score=-0.75
Number of reported cases
bins
P(k | μ)
Number of cases

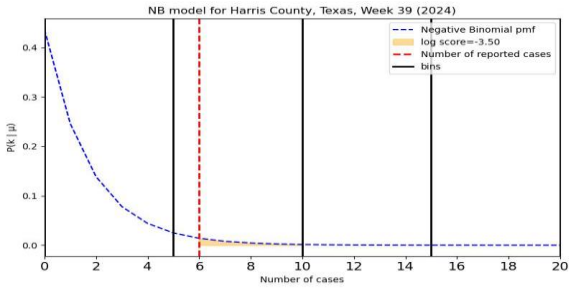

NB model for Harris County, Texas, Week 29 (2022)
Negative Binomial pmf
log score=-1.95
Number of reported cases
bins
P(k | μ)
Number of cases

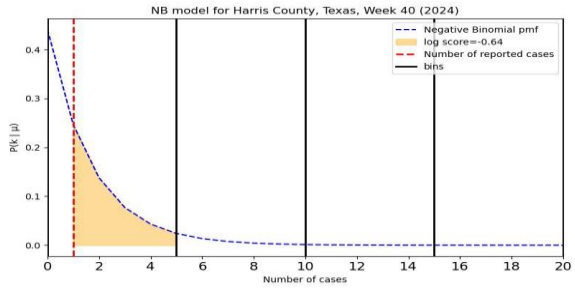

NB model for Harris County, Texas, Week 41 (2022)
Negative Binomial pmf
log score=-0.61
Number of reported cases
bins
P(k | μ)
Number of cases

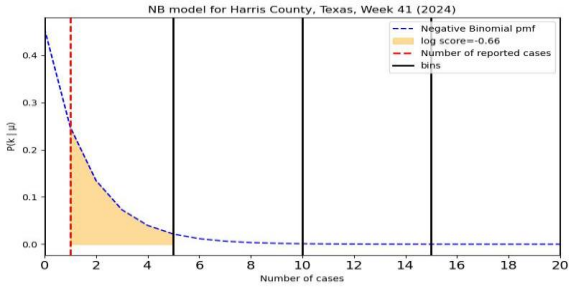

NB model for Harris County, Texas, Week 43 (2023)
Negative Binomial pmf
log score=-0.68
Number of reported cases
bins
P(k | μ)
Number of cases

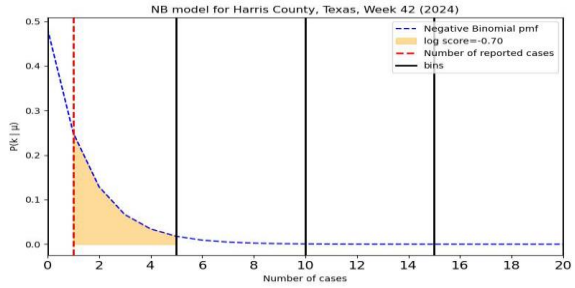

NB model for Harris County, Texas, Week 31 (2024)
Negative Binomial pmf
log score=-1.40
Number of reported cases
bins
P(k | μ)
Number of cases

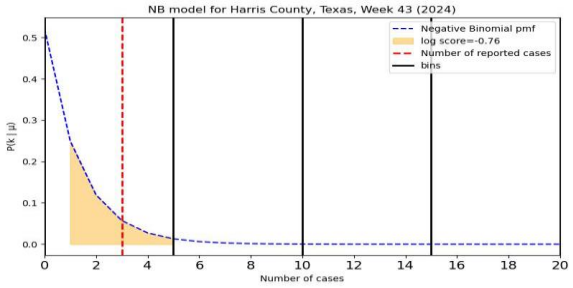

NB model for Harris County, Texas, Week 32 (2024)
Negative Binomial pmf
log score=-1.19
Number of reported cases
bins
P(k | μ)
Number of cases

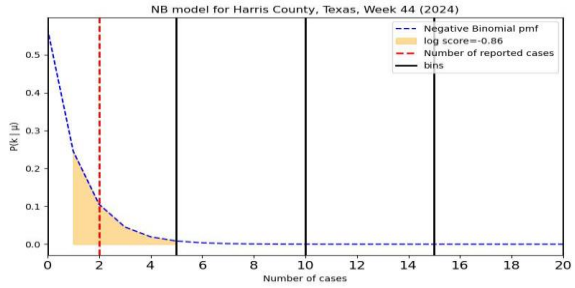

NB model for Harris County, Texas, Week 39 (2024)
Negative Binomial pmf
log score=-3.50
Number of reported cases
bins
P(k | μ)
Number of cases

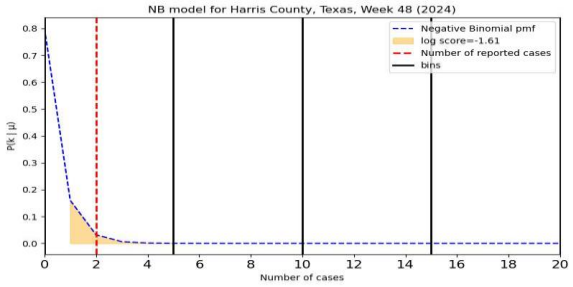

NB model for Harris County, Texas, Week 40 (2024)
Negative Binomial pmf
log score=-0.64
Number of reported cases
bins
P(k | μ)
Number of cases

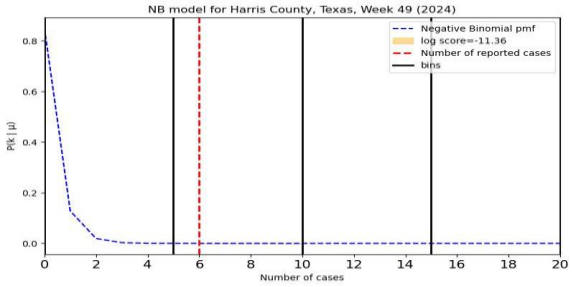

NB model for Harris County, Texas, Week 41 (2024)
Negative Binomial pmf
log score=-0.66
Number of reported cases
bins
P(k | μ)
Number of cases

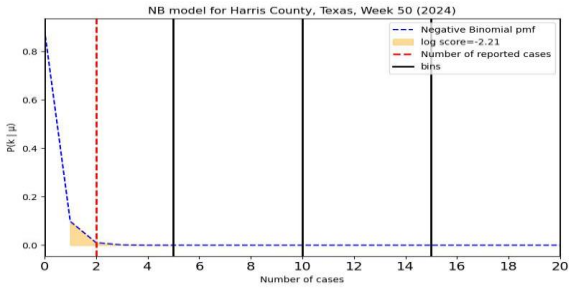

NB model for Harris County, Texas, Week 42 (2024)
Negative Binomial pmf
log score=-0.70
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Harris County, Texas, Week 43 (2024)
Negative Binomial pmf
log score=-0.76
Number of reported cases
bins
P(k | μ)
Number of cases

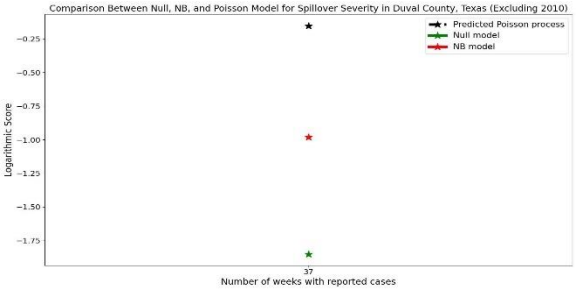

NB model for Harris County, Texas, Week 44 (2024)
Negative Binomial pmf
log score=-0.86
Number of reported cases
bins
P(k | μ)
Number of cases

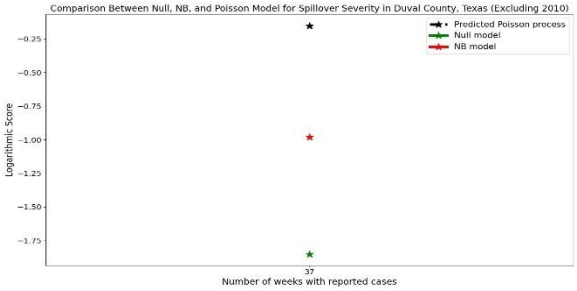


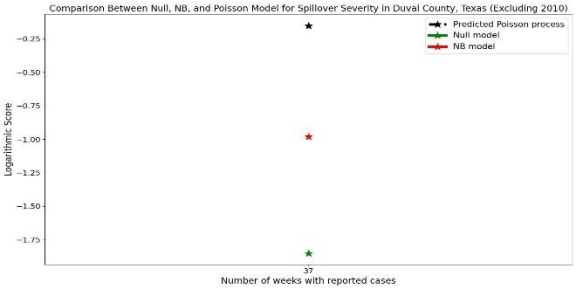


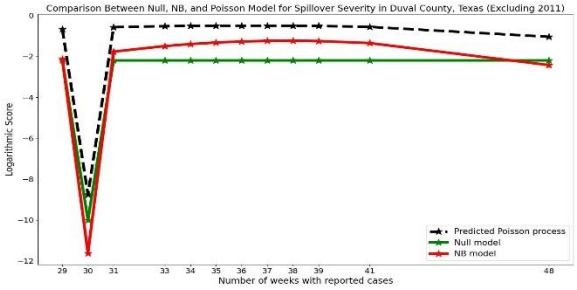


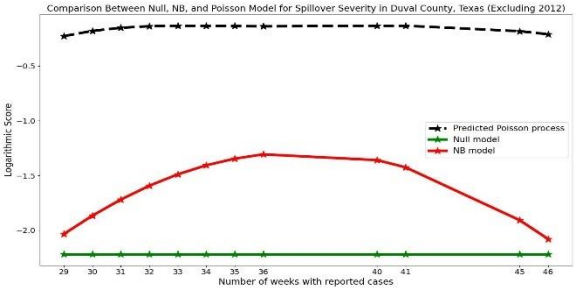
1.2.2.11 Logarithmic comparison of the models-Duval County, Florida (2010-2024):

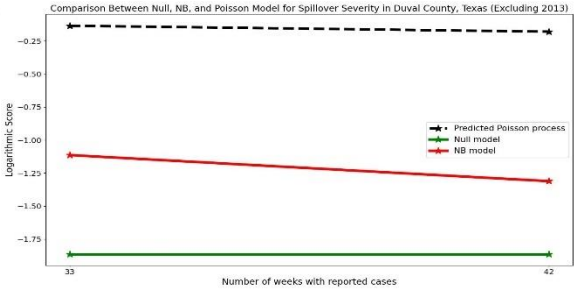


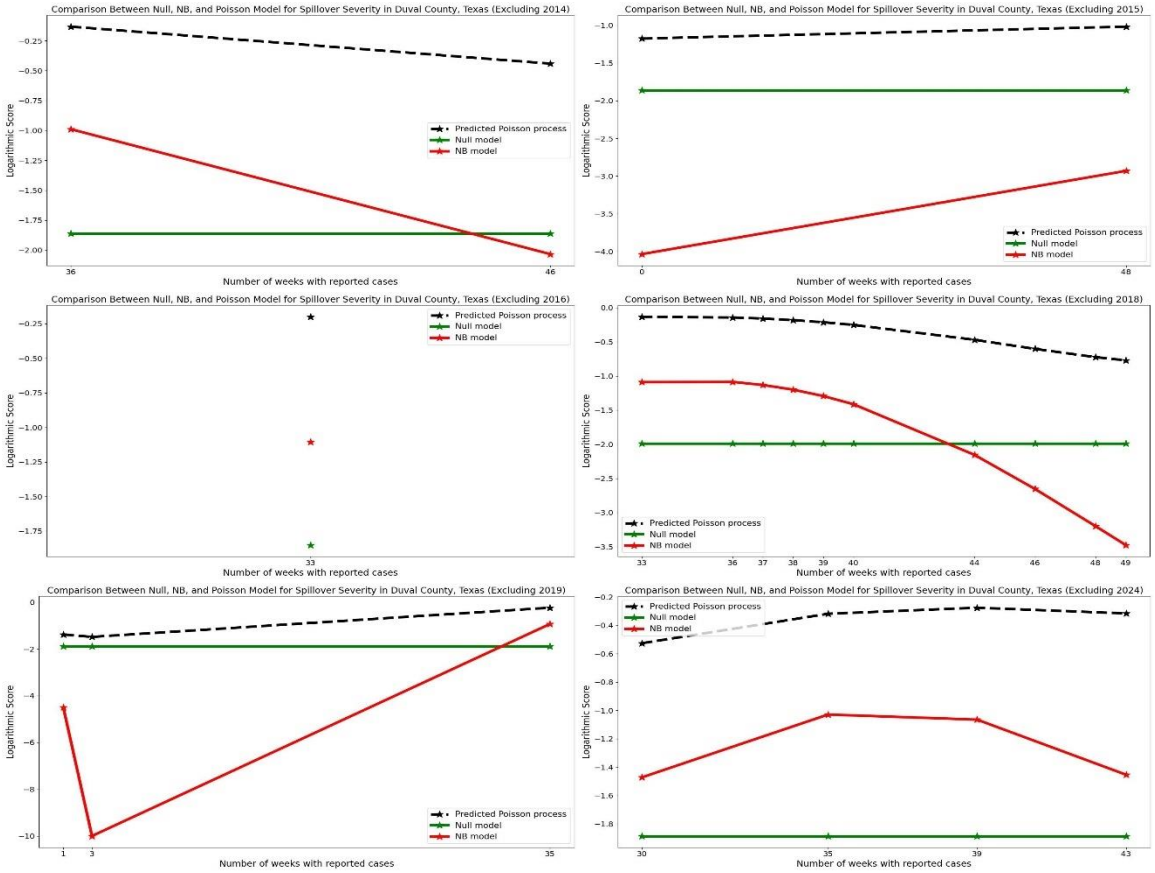




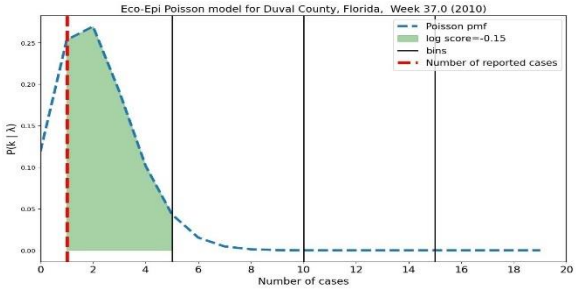




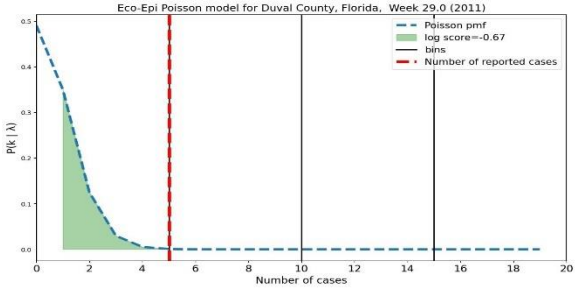


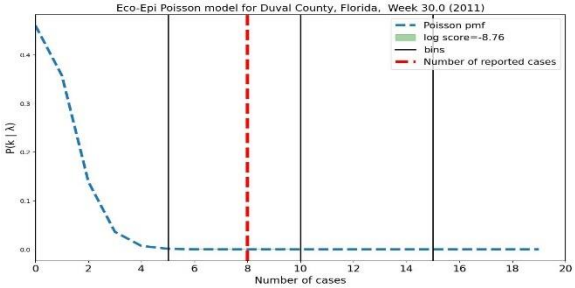


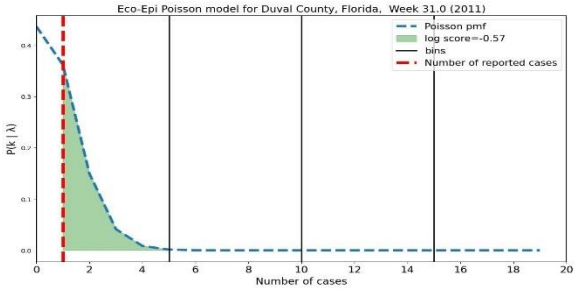
1.2.2.12 Predicted Poisson and NB pmfs and logarithmic score-Duval County, Florida: 2010

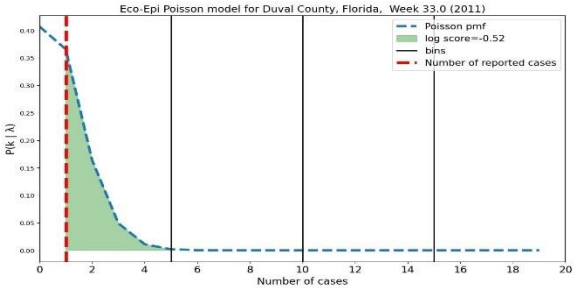


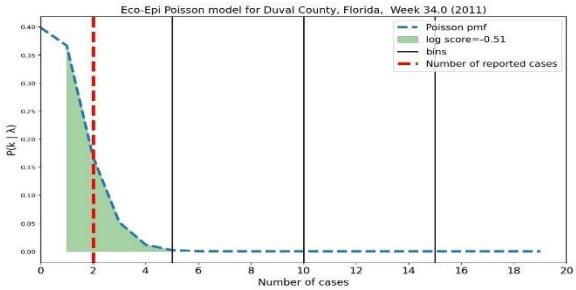
2011

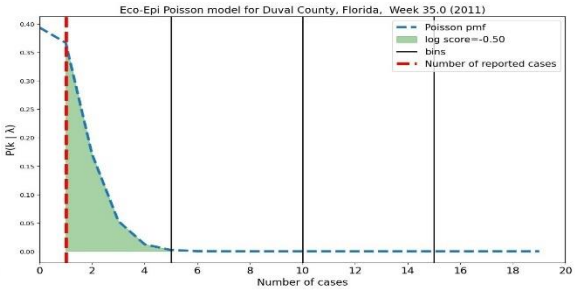

Eco-Epi Poisson model for Duval County, Florida, Week 29.0 (2011)
Poisson pmf
log score=-0.67
bins
Number of reported cases
P(k | λ)
Number of cases

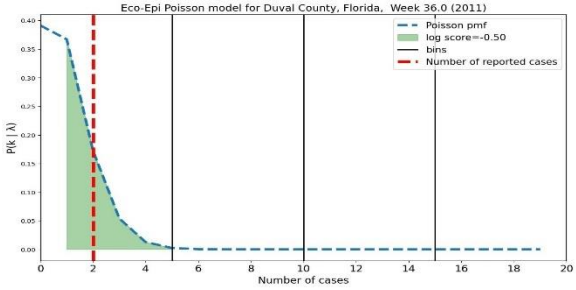

Eco-Epi Poisson model for Duval County, Florida, Week 30.0 (2011)
Poisson pmf
log score=-8.76
bins
Number of reported cases
P(k | λ)
Number of cases

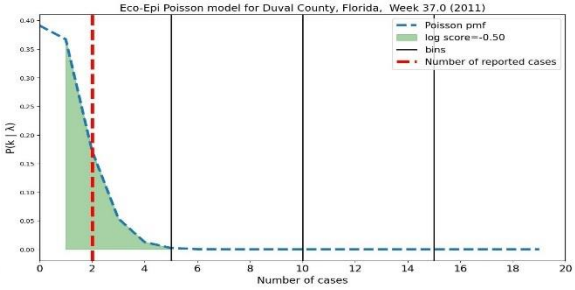

Eco-Epi Poisson model for Duval County, Florida, Week 31.0 (2011)
Poisson pmf
log score=-0.57
bins
Number of reported cases
P(k | λ)
Number of cases

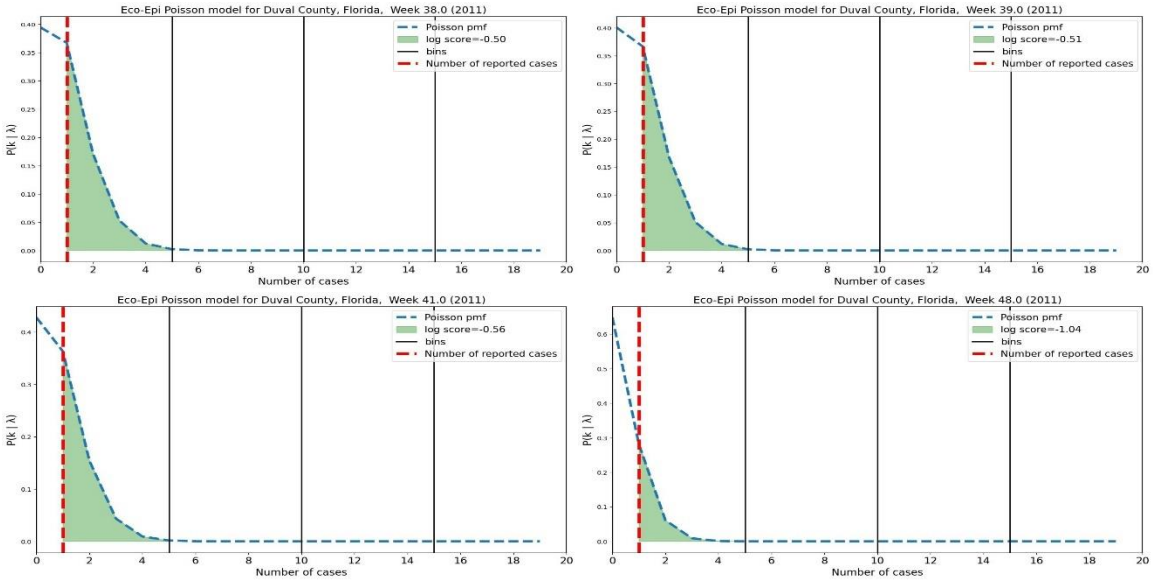

Eco-Epi Poisson model for Duval County, Florida, Week 33.0 (2011)
Poisson pmf
log score=-0.52
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Duval County, Florida, Week 34.0 (2011)
Poisson pmf
log score=-0.51
bins
Number of reported cases
P(k | λ)
Number of cases

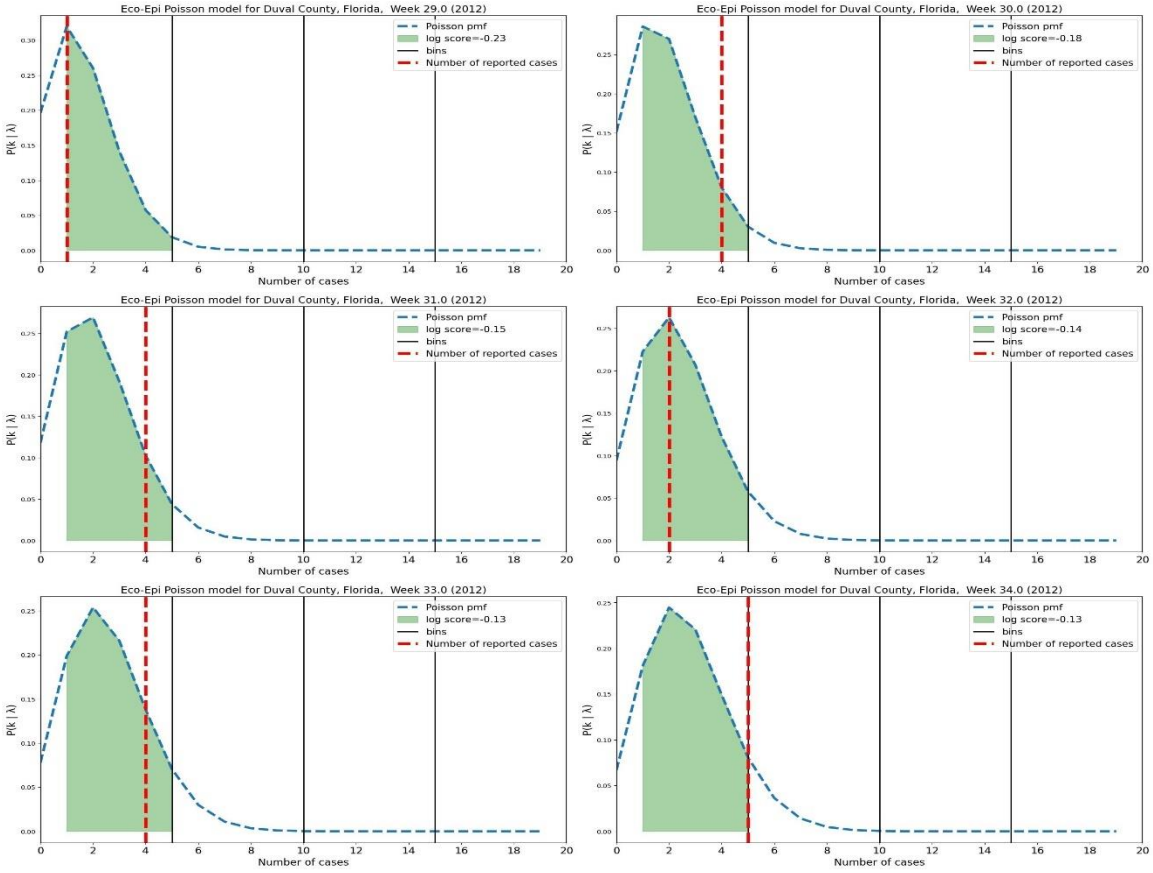

Eco-Epi Poisson model for Duval County, Florida, Week 35.0 (2011)
Poisson pmf
log score=-0.50
bins
Number of reported cases
P(k | λ)
Number of cases

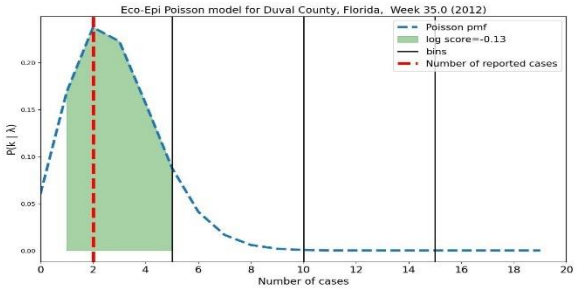

Eco-Epi Poisson model for Duval County, Florida, Week 36.0 (2011)
Poisson pmf
log score=-0.50
bins
Number of reported cases
P(k | λ)
Number of cases

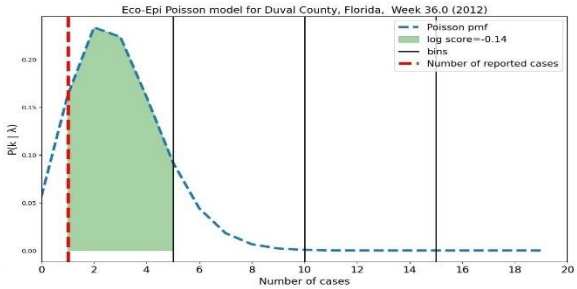

Eco-Epi Poisson model for Duval County, Florida, Week 37.0 (2011)
Poisson pmf
log score=-0.50
bins
Number of reported cases
P(k | λ)
Number of cases

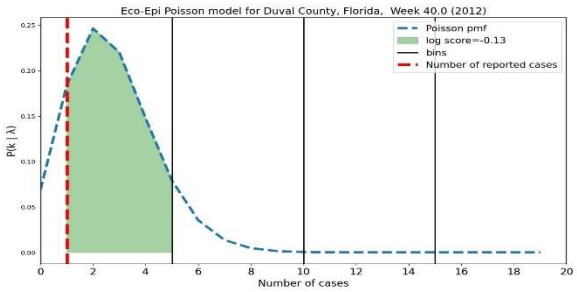

Eco-Epi Poisson model for Duval County, Florida, Week 38.0 (2011)
Poisson pmf
log score=-0.50
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Duval County, Florida, Week 39.0 (2011)
Poisson pmf
log score=-0.51
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Duval County, Florida, Week 41.0 (2011)
Poisson pmf
log score=-0.56
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Duval County, Florida, Week 48.0 (2011)
Poisson pmf
log score=-1.04
bins
Number of reported cases
P(k | λ)
Number of cases

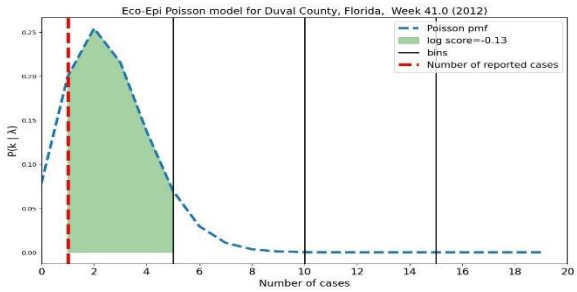
2012

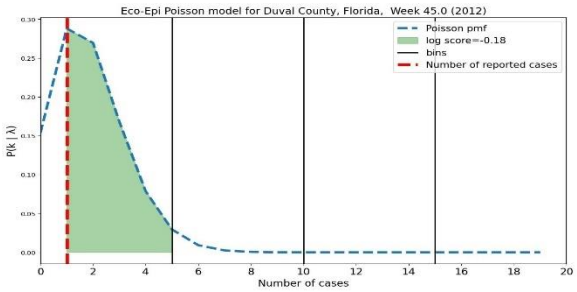

Eco-Epi Poisson model for Duval County, Florida, Week 29.0 (2012)
Poisson pmf
log score=-0.23
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Duval County, Florida, Week 30.0 (2012)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Duval County, Florida, Week 31.0 (2012)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Duval County, Florida, Week 32.0 (2012)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Duval County, Florida, Week 33.0 (2012)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases
Eco-Epi Poisson model for Duval County, Florida, Week 34.0 (2012)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

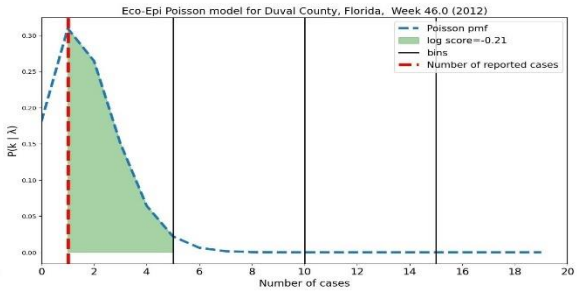

Eco-Epi Poisson model for Duval County, Florida, Week 35.0 (2012)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Duval County, Florida, Week 36.0 (2012)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

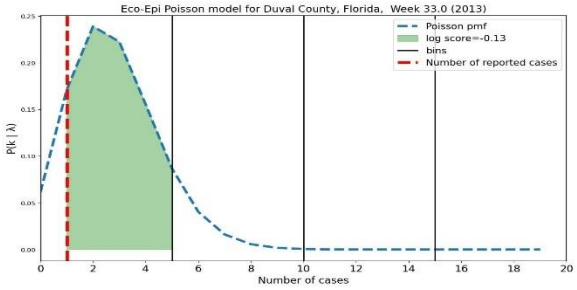

Eco-Epi Poisson model for Duval County, Florida, Week 40.0 (2012)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

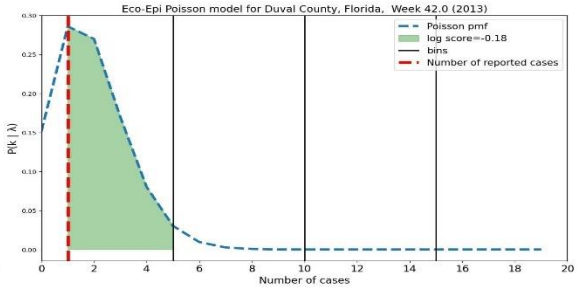

Eco-Epi Poisson model for Duval County, Florida, Week 41.0 (2012)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Duval County, Florida, Week 45.0 (2012)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases

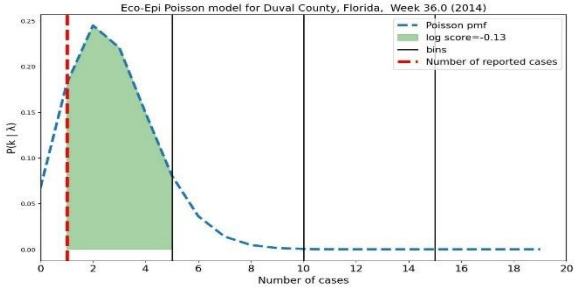

Eco-Epi Poisson model for Duval County, Florida, Week 46.0 (2012)
Poisson pmf
log score=-0.21
bins
Number of reported cases
P(k | λ)
Number of cases

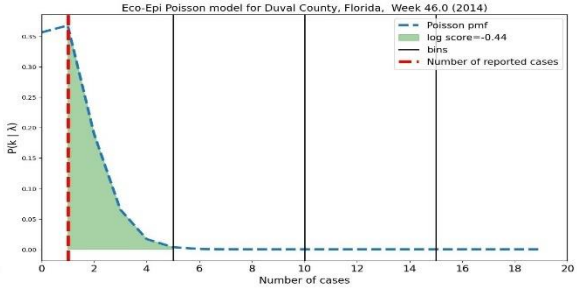
2013


Eco-Epi Poisson model for Duval County, Florida, Week 33.0 (2013)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

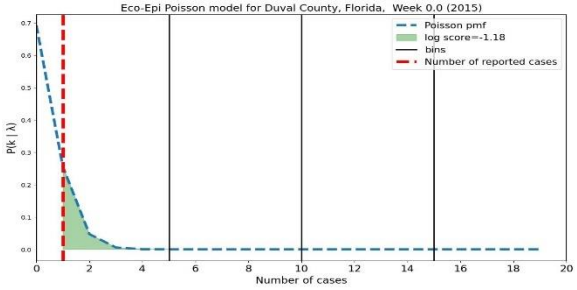

Eco-Epi Poisson model for Duval County, Florida, Week 42.0 (2013)
Poisson pmf
log score=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases

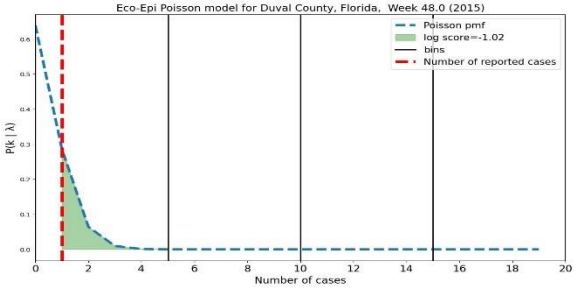
2014


Eco-Epi Poisson model for Duval County, Florida, Week 36.0 (2014)
Poisson pmf
log score=-0.13
bins
Number of reported cases
P(k | λ)
Number of cases

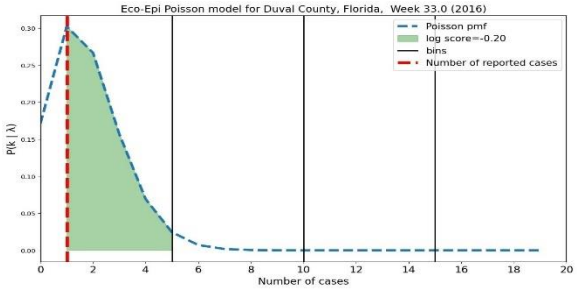

Eco-Epi Poisson model for Duval County, Florida, Week 46.0 (2014)
Poisson pmf
log score=-0.44
bins
Number of reported cases
P(k | λ)
Number of cases

2015

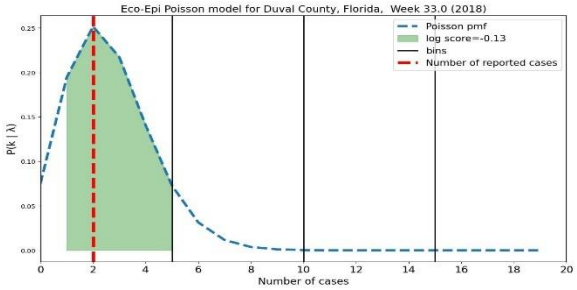


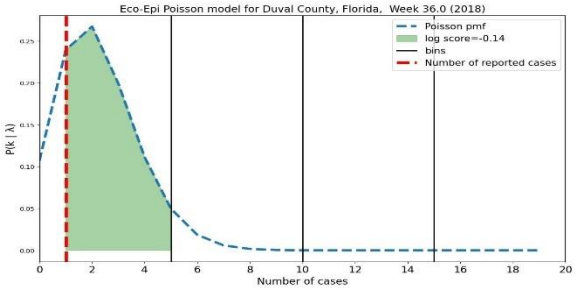


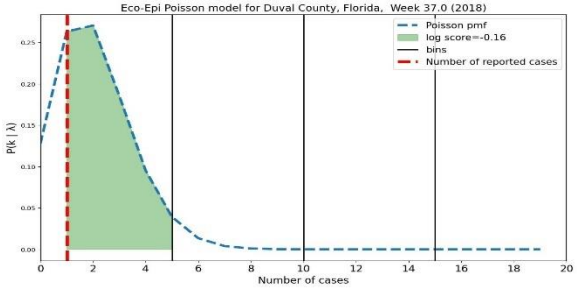
2016:

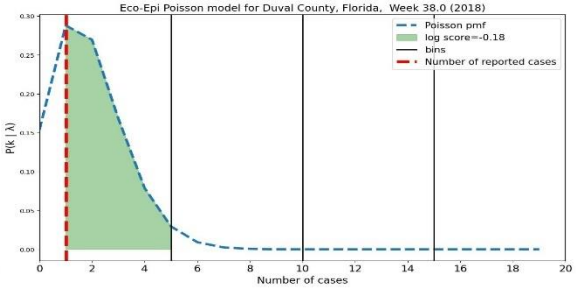


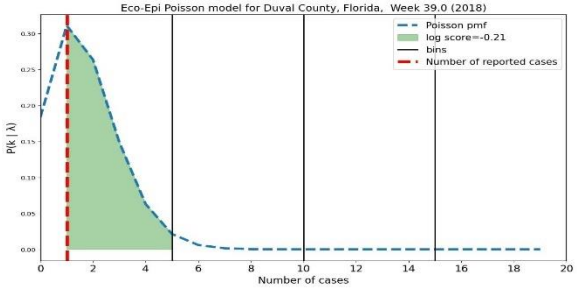
2018

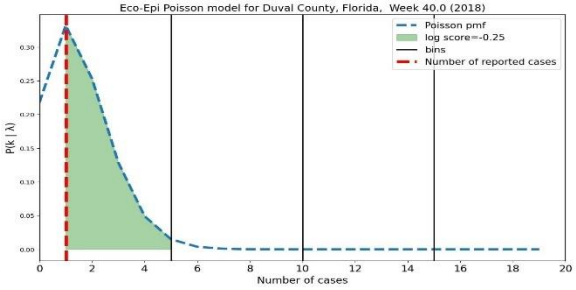


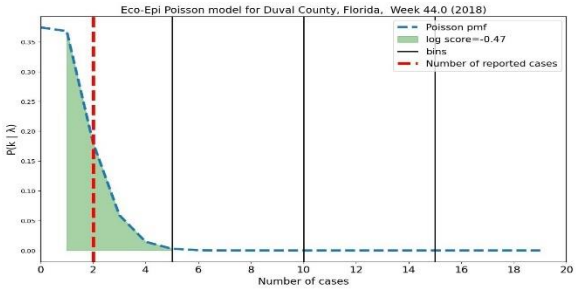


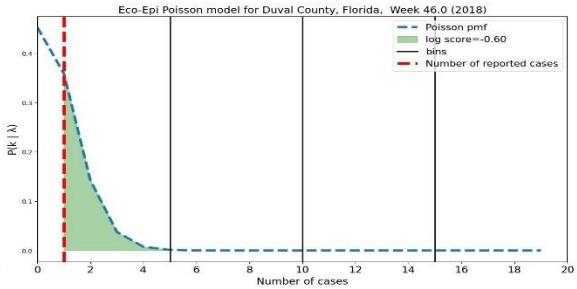


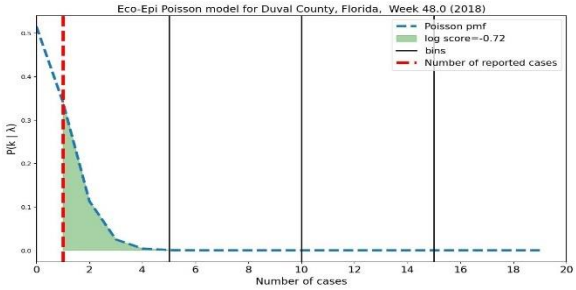


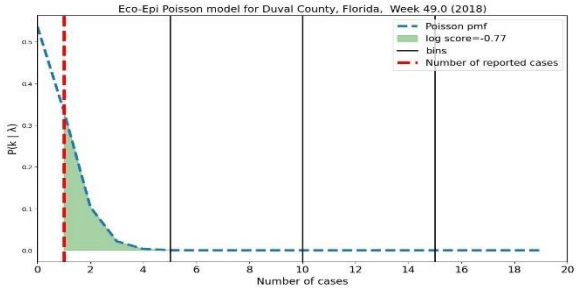




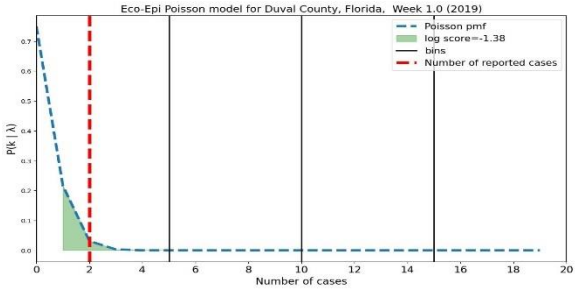

Eco-Epi Poisson model for Duval County, Florida, Week 44.0 (2018)
Poisson pmf
log score=-0.47
bins
Number of reported cases
P(k | λ)
Number of cases

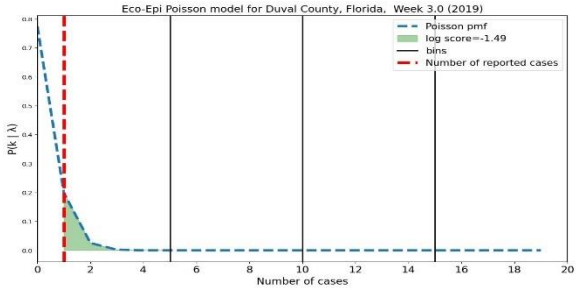

Eco-Epi Poisson model for Duval County, Florida, Week 46.0 (2018)
Poisson pmf
log score=-0.60
bins
Number of reported cases
P(k | λ)
Number of cases

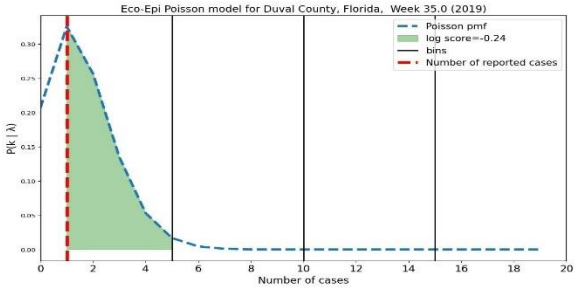

Eco-Epi Poisson model for Duval County, Florida, Week 48.0 (2018)
Poisson pmf
log score=-0.72
bins
Number of reported cases
P(k | λ)
Number of cases


Eco-Epi Poisson model for Duval County, Florida, Week 49.0 (2018)
Poisson pmf
log score=-0.77
bins
Number of reported cases
P(k | λ)
Number of cases

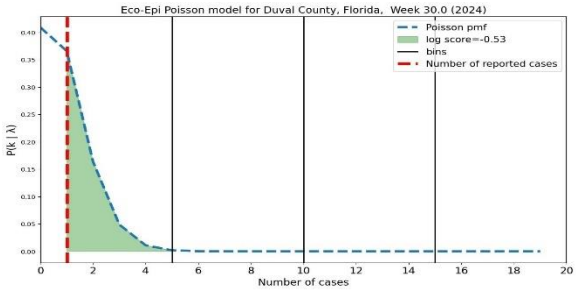
2019

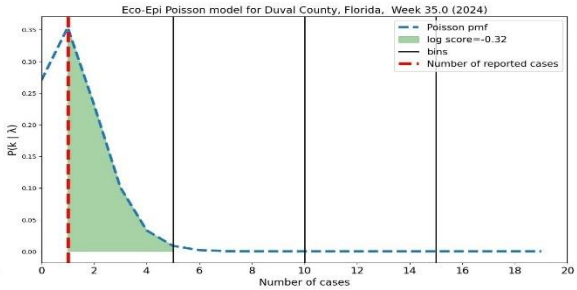

Eco-Epi Poisson model for Duval County, Florida, Week 1.0 (2019)
Poisson pmf
log score=-1.38
bins
Number of reported cases
P(k | λ)
Number of cases

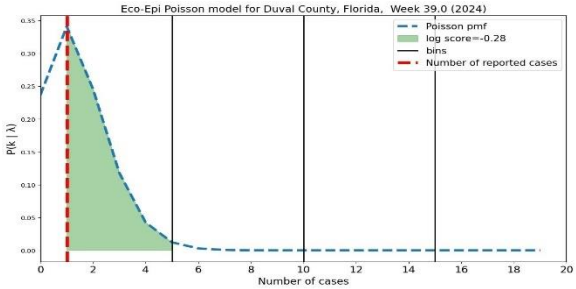

Eco-Epi Poisson model for Duval County, Florida, Week 3.0 (2019)
Poisson pmf
log score=-1.49
bins
Number of reported cases
P(k | λ)
Number of cases

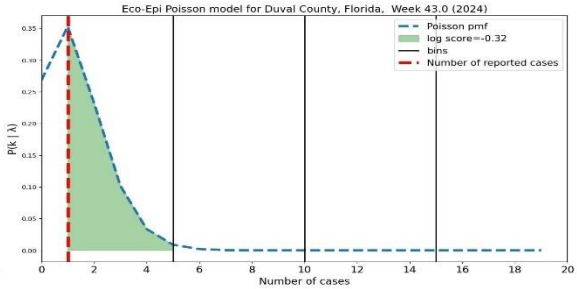

Eco-Epi Poisson model for Duval County, Florida, Week 35.0 (2019)
Poisson pmf
log score=-0.24
bins
Number of reported cases
P(k | λ)
Number of cases

2024

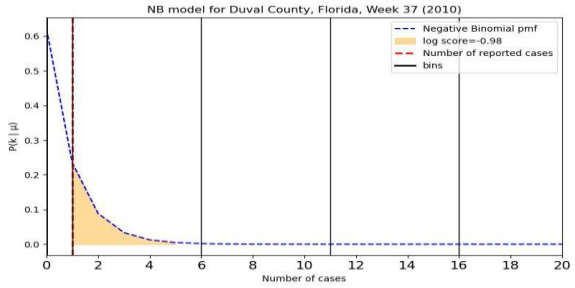


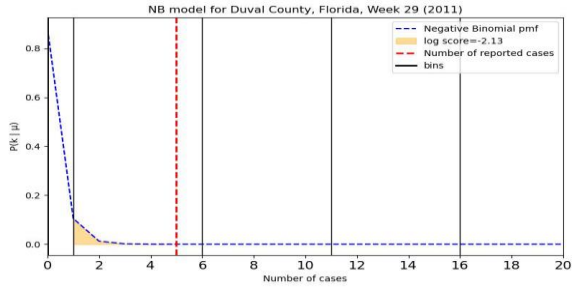


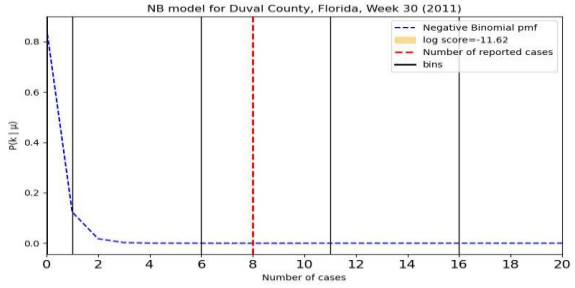


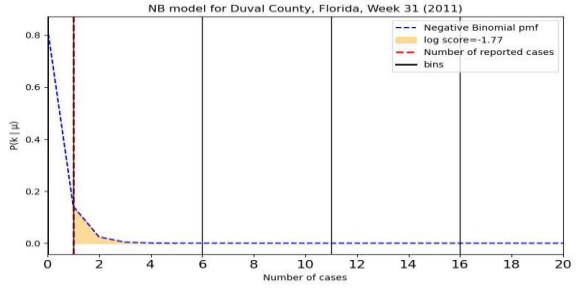


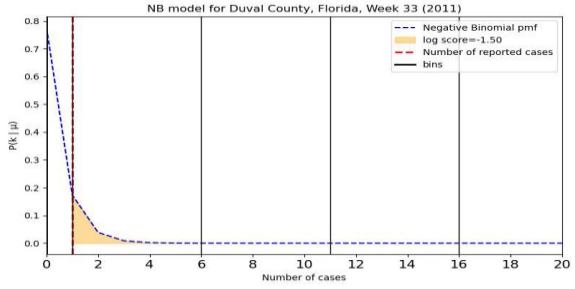
NB-Duval County-(2014-2024)

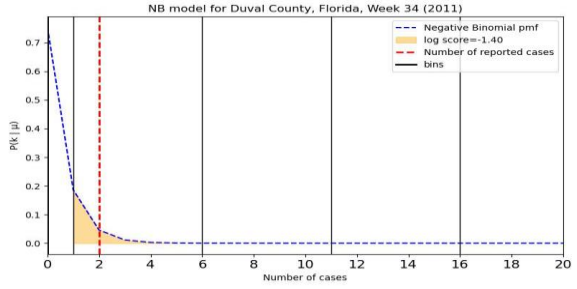


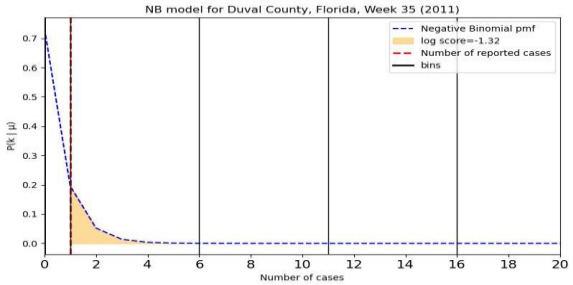


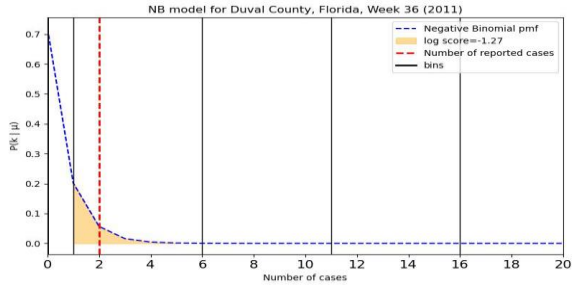


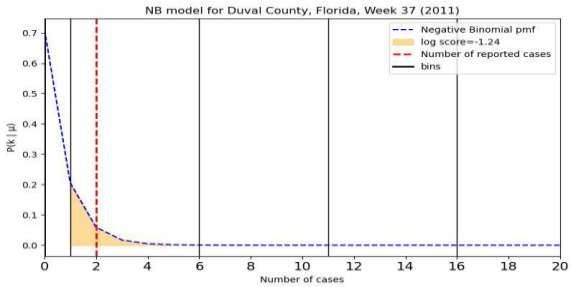


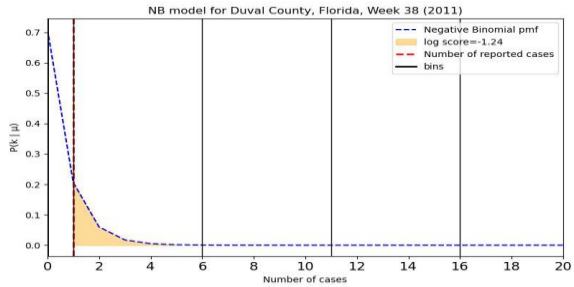


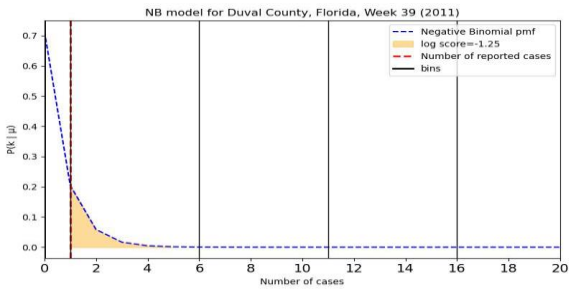


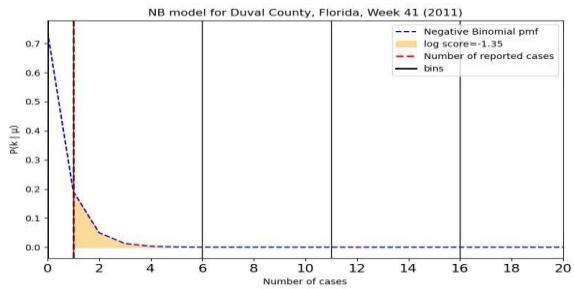

NB model for Duval County, Florida, Week 35 (2011)
Negative Binomial pmf
log score=-1.32
Number of reported cases
bins
P(k | μ)
Number of cases

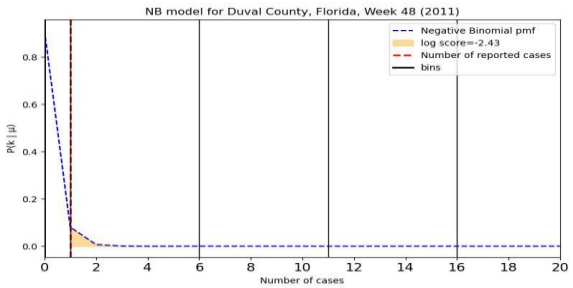

NB model for Duval County, Florida, Week 36 (2011)
Negative Binomial pmf
log score=-1.27
Number of reported cases
bins
P(k | μ)
Number of cases

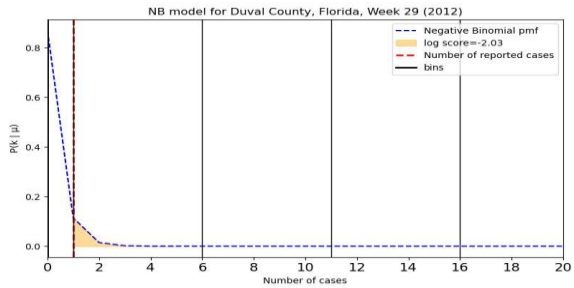

NB model for Duval County, Florida, Week 37 (2011)
Negative Binomial pmf
log score=-1.24
Number of reported cases
bins
P(k | μ)
Number of cases

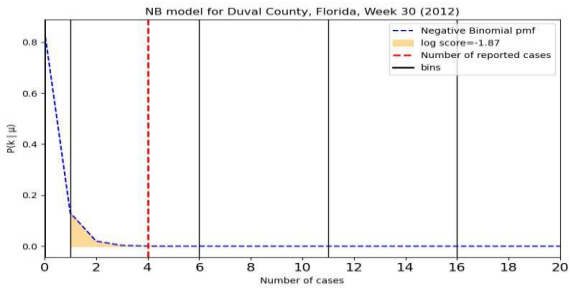

NB model for Duval County, Florida, Week 38 (2011)
Negative Binomial pmf
log score=-1.24
Number of reported cases
bins
P(k | μ)
Number of cases

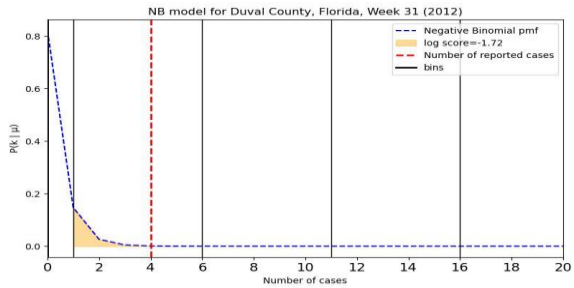

NB model for Duval County, Florida, Week 39 (2011)
Negative Binomial pmf
log score=-1.25
Number of reported cases
bins
P(k | μ)
Number of cases

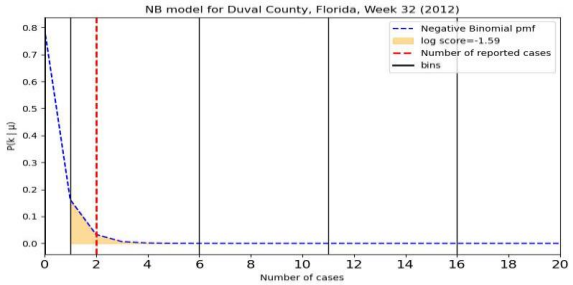

NB model for Duval County, Florida, Week 41 (2011)
Negative Binomial pmf
log score=-1.35
Number of reported cases
bins
P(k | μ)
Number of cases

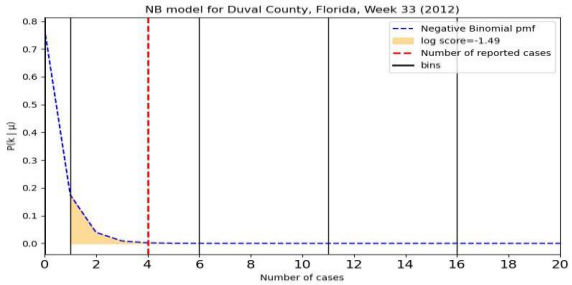

NB model for Duval County, Florida, Week 48 (2011)
Negative Binomial pmf
log score=-2.43
Number of reported cases
bins
P(k | μ)
Number of cases

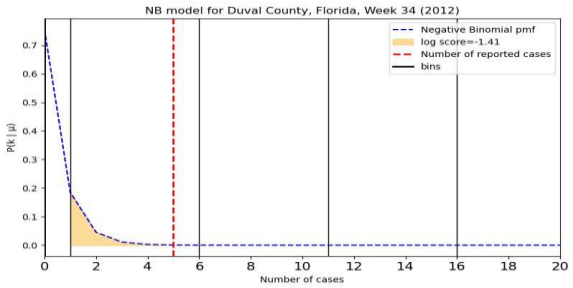

NB model for Duval County, Florida, Week 29 (2012)
Negative Binomial pmf
log score=-2.03
Number of reported cases
bins
P(k | μ)
Number of cases

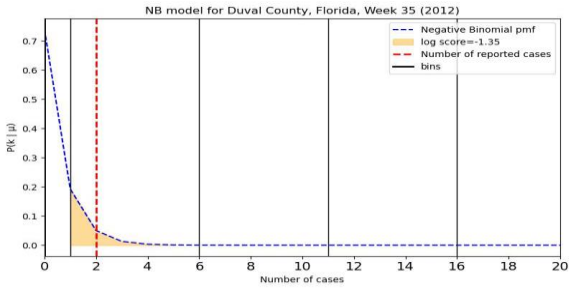

NB model for Duval County, Florida, Week 30 (2012)
Negative Binomial pmf
log score=-1.87
Number of reported cases
bins
P(k | μ)
Number of cases

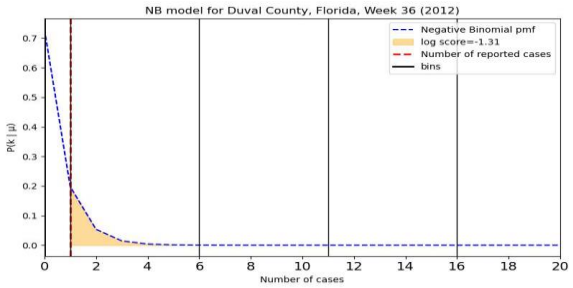

NB model for Duval County, Florida, Week 31 (2012)
Negative Binomial pmf
log score=-1.72
Number of reported cases
bins
P(k | μ)
Number of cases

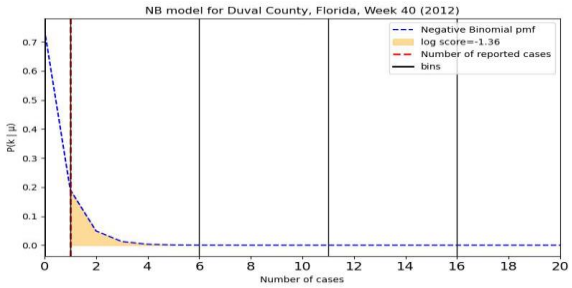

NB model for Duval County, Florida, Week 32 (2012)
Negative Binomial pmf
log score=-1.59
Number of reported cases
bins
P(k | μ)
Number of cases

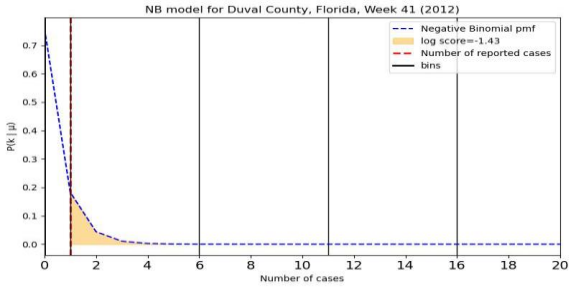

NB model for Duval County, Florida, Week 33 (2012)
Negative Binomial pmf
log score=-1.49
Number of reported cases
bins
P(k | μ)
Number of cases

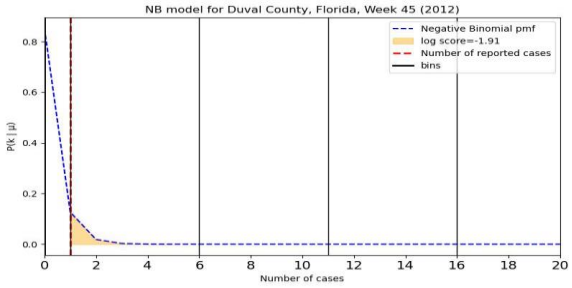

NB model for Duval County, Florida, Week 34 (2012)
Negative Binomial pmf
log score=-1.41
Number of reported cases
bins
P(k | μ)
Number of cases

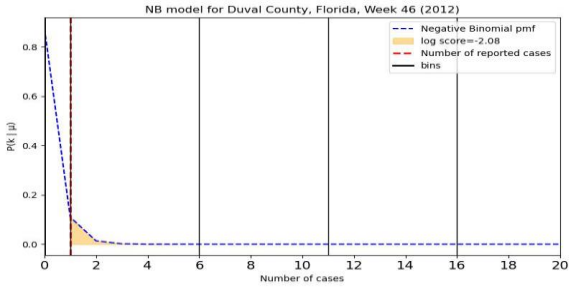

NB model for Duval County, Florida, Week 35 (2012)
Negative Binomial pmf
log score=-1.35
Number of reported cases
bins
P(k | μ)
Number of cases

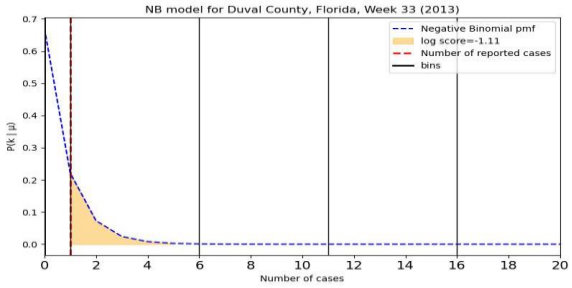

NB model for Duval County, Florida, Week 36 (2012)
Negative Binomial pmf
log score=-1.31
Number of reported cases
bins
P(k | μ)
Number of cases

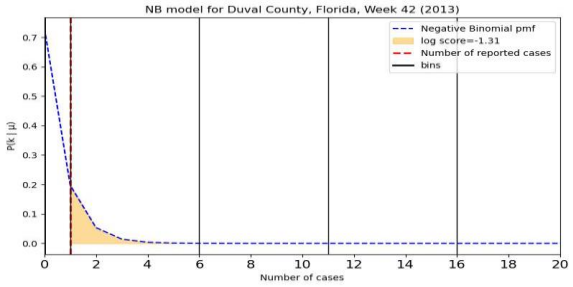

NB model for Duval County, Florida, Week 40 (2012)
Negative Binomial pmf
log score=-1.36
Number of reported cases
bins
P(k | μ)
Number of cases

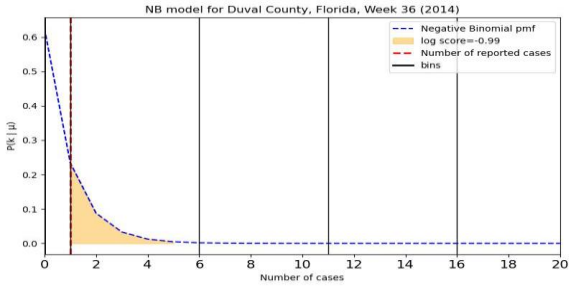

NB model for Duval County, Florida, Week 41 (2012)
Negative Binomial pmf
log score=-1.43
Number of reported cases
bins
P(k | μ)
Number of cases

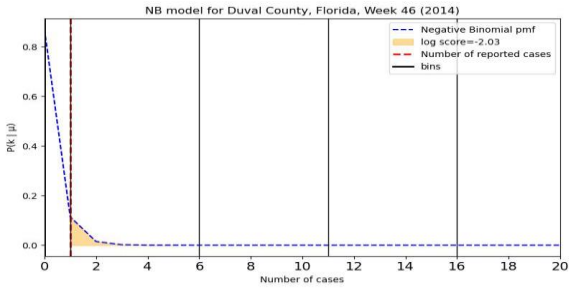

NB model for Duval County, Florida, Week 45 (2012)
Negative Binomial pmf
log score=-1.91
Number of reported cases
bins
P(k | μ)
Number of cases

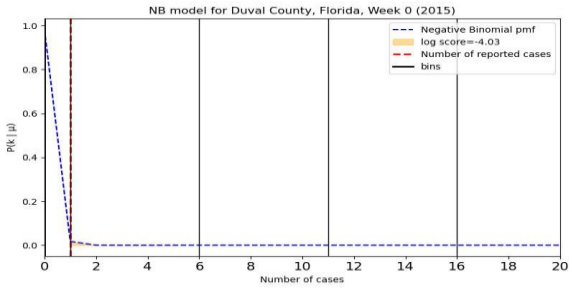

NB model for Duval County, Florida, Week 46 (2012)
Negative Binomial pmf
log score=-2.08
Number of reported cases
bins
P(k | μ)
Number of cases

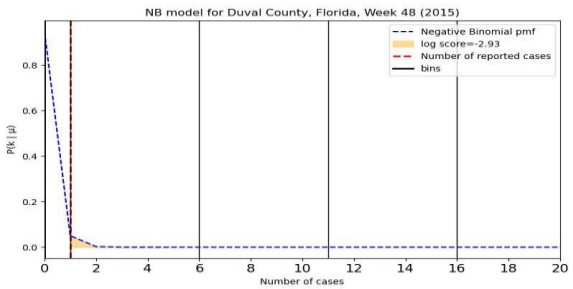

NB model for Duval County, Florida, Week 33 (2013)
Negative Binomial pmf
log score=-1.11
Number of reported cases
bins
P(k | μ)
Number of cases

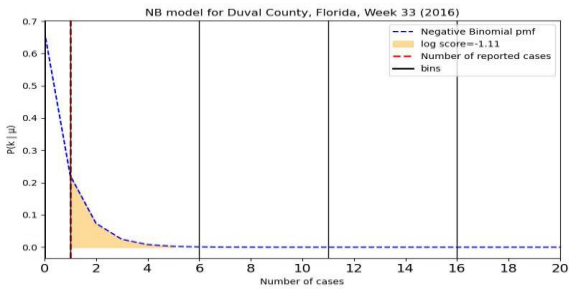

NB model for Duval County, Florida, Week 42 (2013)
Negative Binomial pmf
log score=-1.31
Number of reported cases
bins
P(k | μ)
Number of cases

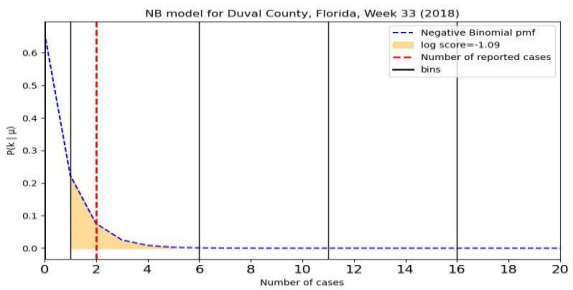

NB model for Duval County, Florida, Week 36 (2014)
Negative Binomial pmf
log score=-0.99
Number of reported cases
bins
P(k | μ)
Number of cases

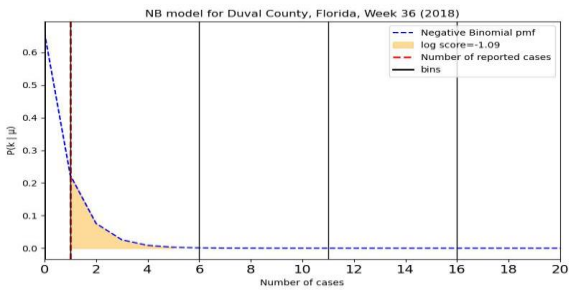

NB model for Duval County, Florida, Week 46 (2014)
Negative Binomial pmf
log score=-2.03
Number of reported cases
bins
P(k | μ)
Number of cases

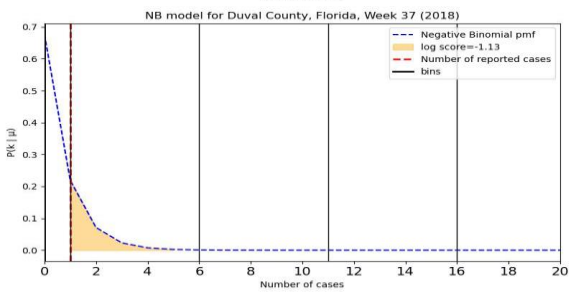

NB model for Duval County, Florida, Week 0 (2015)
Negative Binomial pmf
log score=-4.03
Number of reported cases
bins
P(k | μ)
Number of cases

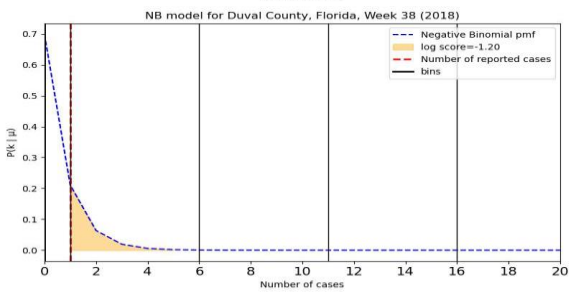

NB model for Duval County, Florida, Week 48 (2015)
Negative Binomial pmf
log score=-2.93
Number of reported cases
bins
P(k | μ)
Number of cases

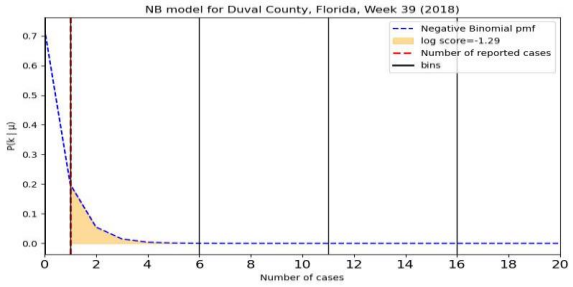

NB model for Duval County, Florida, Week 33 (2016)
Negative Binomial pmf
log score=-1.11
Number of reported cases
bins
P(k | μ)
Number of cases

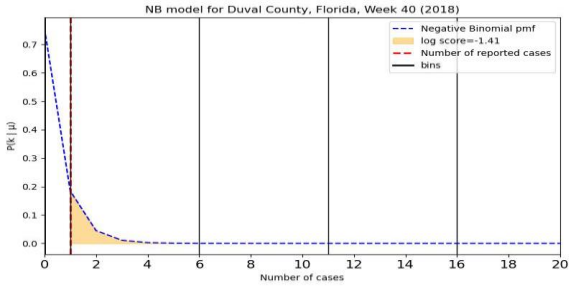

NB model for Duval County, Florida, Week 33 (2018)
Negative Binomial pmf
log score=-1.09
Number of reported cases
bins
P(k | μ)
Number of cases

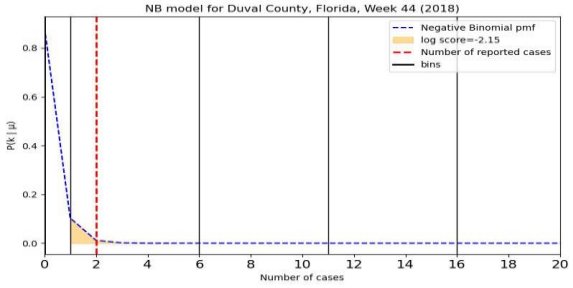

NB model for Duval County, Florida, Week 36 (2018)
Negative Binomial pmf
log score=-1.09
Number of reported cases
bins
P(k | μ)
Number of cases

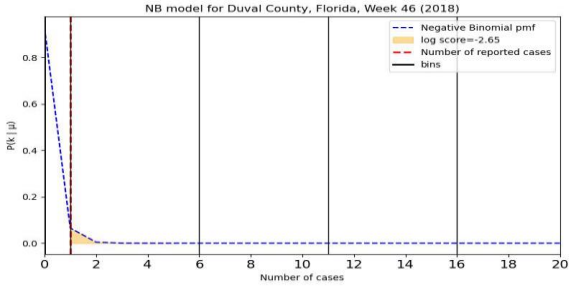

NB model for Duval County, Florida, Week 37 (2018)
Negative Binomial pmf
log score=-1.13
Number of reported cases
bins
P(k | μ)
Number of cases

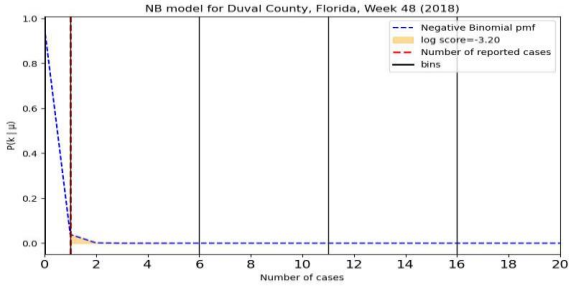

NB model for Duval County, Florida, Week 38 (2018)
Negative Binomial pmf
log score=-1.20
Number of reported cases
bins
P(k | μ)
Number of cases

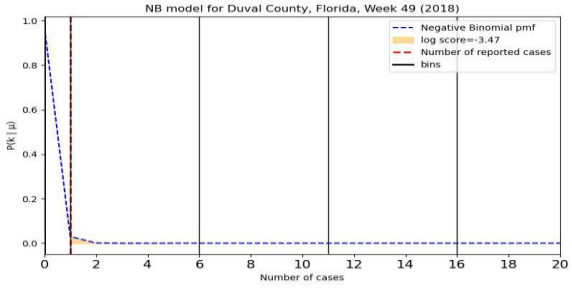

NB model for Duval County, Florida, Week 39 (2018)
Negative Binomial pmf
log score=-1.29
Number of reported cases
bins
P(k | μ)
Number of cases

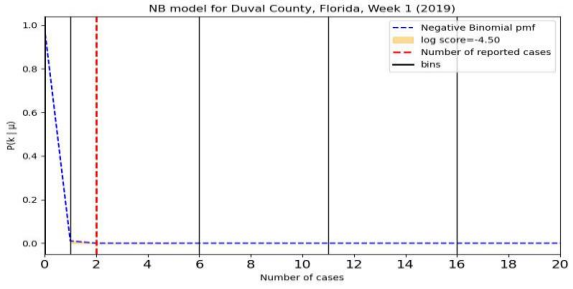

NB model for Duval County, Florida, Week 40 (2018)
Negative Binomial pmf
log score=-1.41
Number of reported cases
bins
P(k | μ)
Number of cases

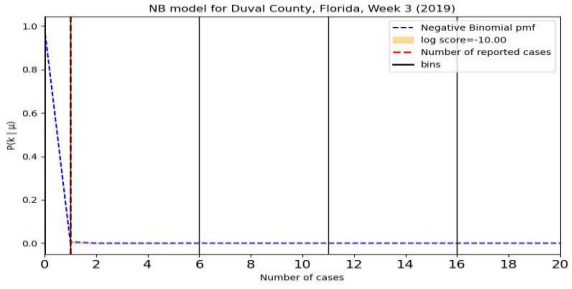

NB model for Duval County, Florida, Week 44 (2018)
Negative Binomial pmf
log score=-2.15
Number of reported cases
bins
P(k | μ)
Number of cases

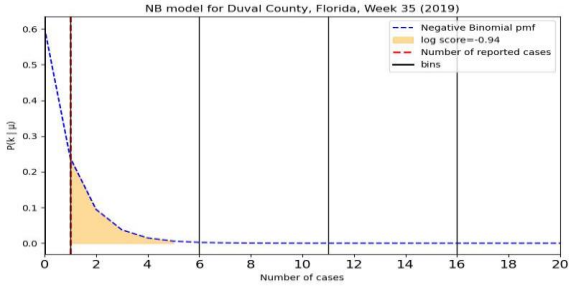

NB model for Duval County, Florida, Week 46 (2018)
Negative Binomial pmf
log score=-2.65
Number of reported cases
bins
P(k | μ)
Number of cases

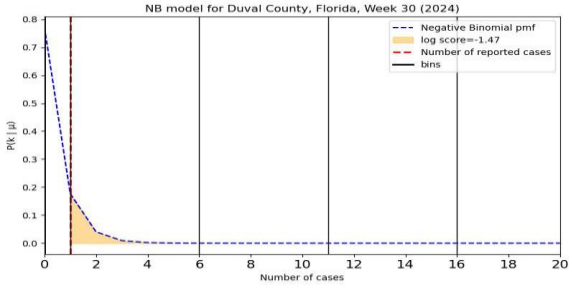

NB model for Duval County, Florida, Week 48 (2018)
Negative Binomial pmf
log score=-3.20
Number of reported cases
bins
P(k | μ)
Number of cases

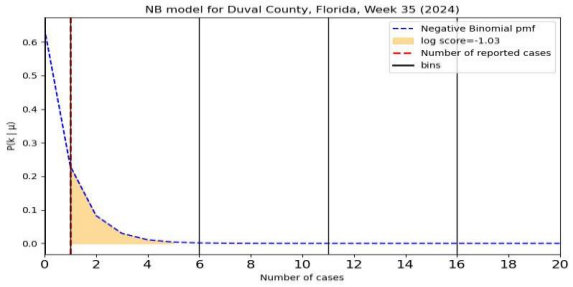

NB model for Duval County, Florida, Week 49 (2018)
Negative Binomial pmf
log score=-3.47
Number of reported cases
bins
P(k | μ)
Number of cases

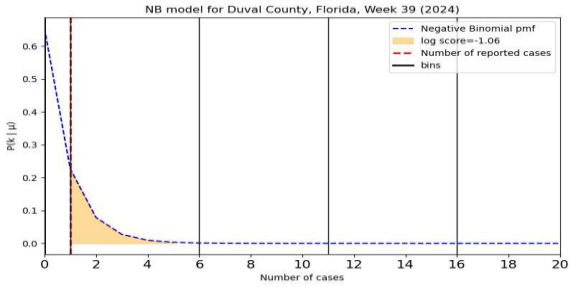

NB model for Duval County, Florida, Week 1 (2019)
Negative Binomial pmf
log score=-4.50
Number of reported cases
bins
P(k | μ)
Number of cases

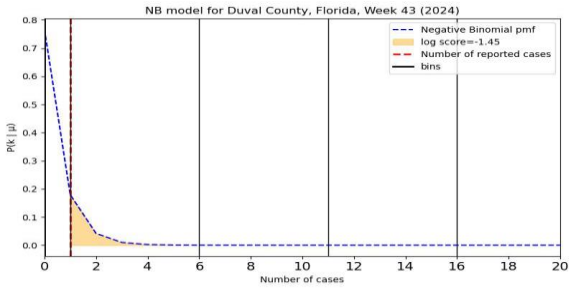

NB model for Duval County, Florida, Week 3 (2019)
Negative Binomial pmf
log score=-10.00
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Duval County, Florida, Week 35 (2019)
Negative Binomial pmf
log score=-0.94
Number of reported cases
bins
P(k | μ)
Number of cases

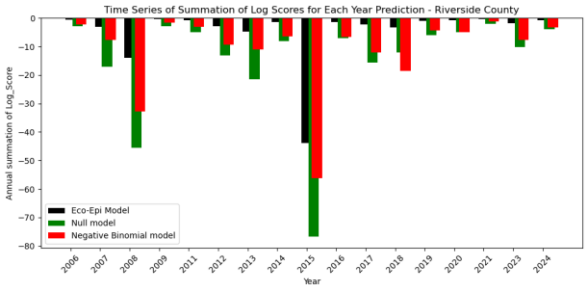

NB model for Duval County, Florida, Week 30 (2024)
Negative Binomial pmf
log score=-1.47
Number of reported cases
bins
P(k | μ)
Number of cases

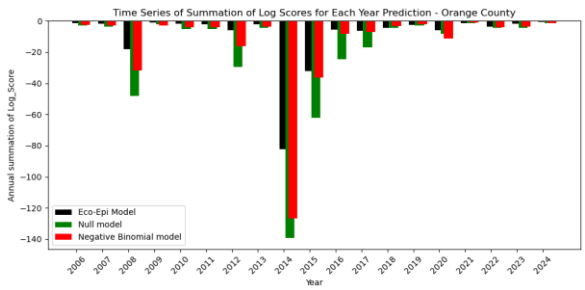


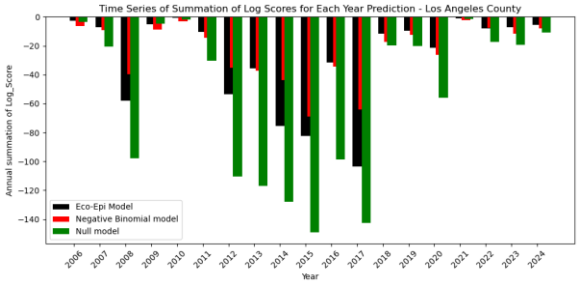


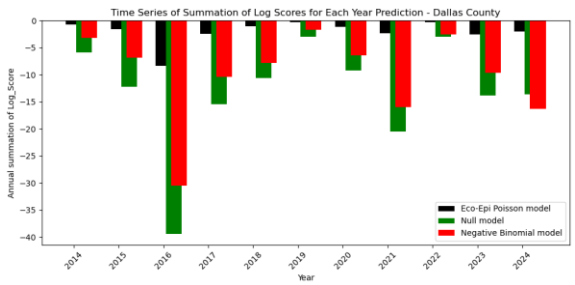


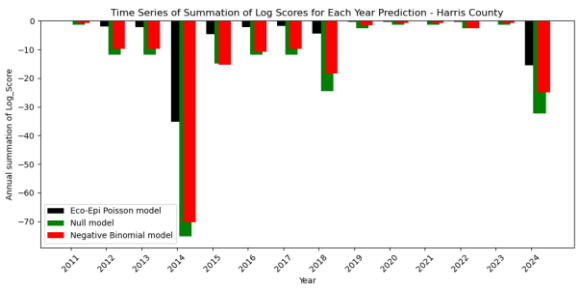
1.2.2.13 Annual sum of logarithmic scores plots

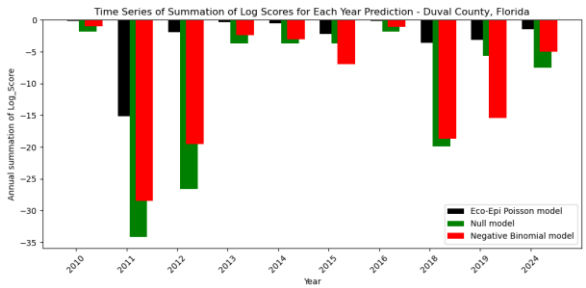




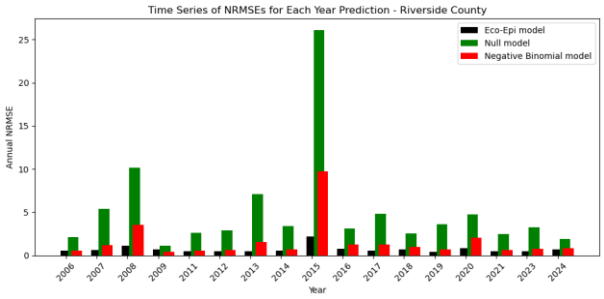


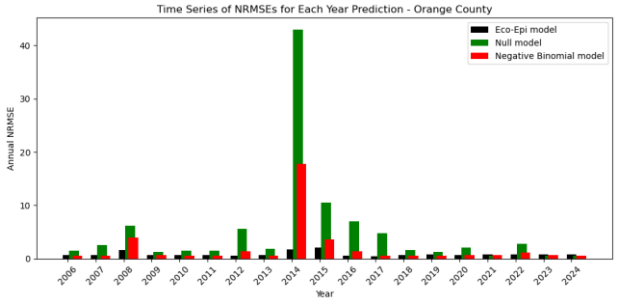


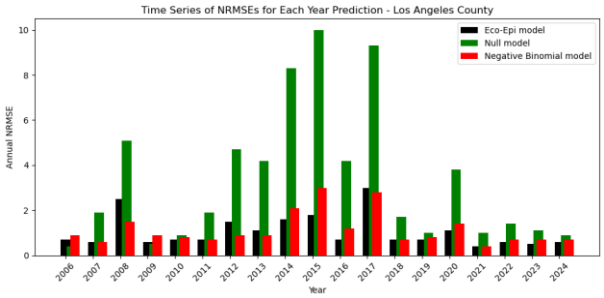


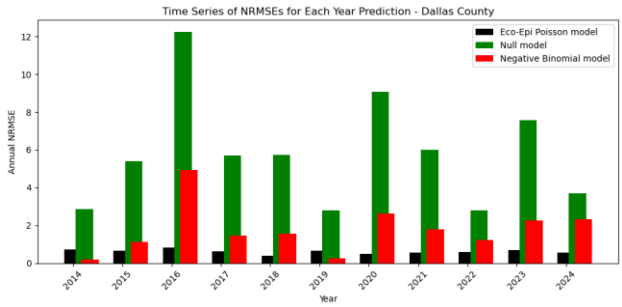


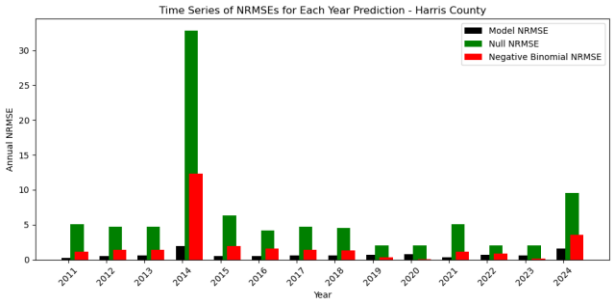
1.2.2.14 Annual NRMSE plots

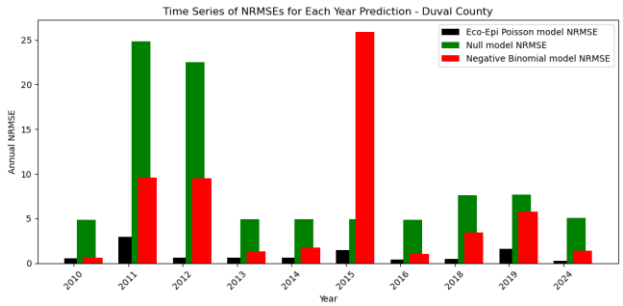






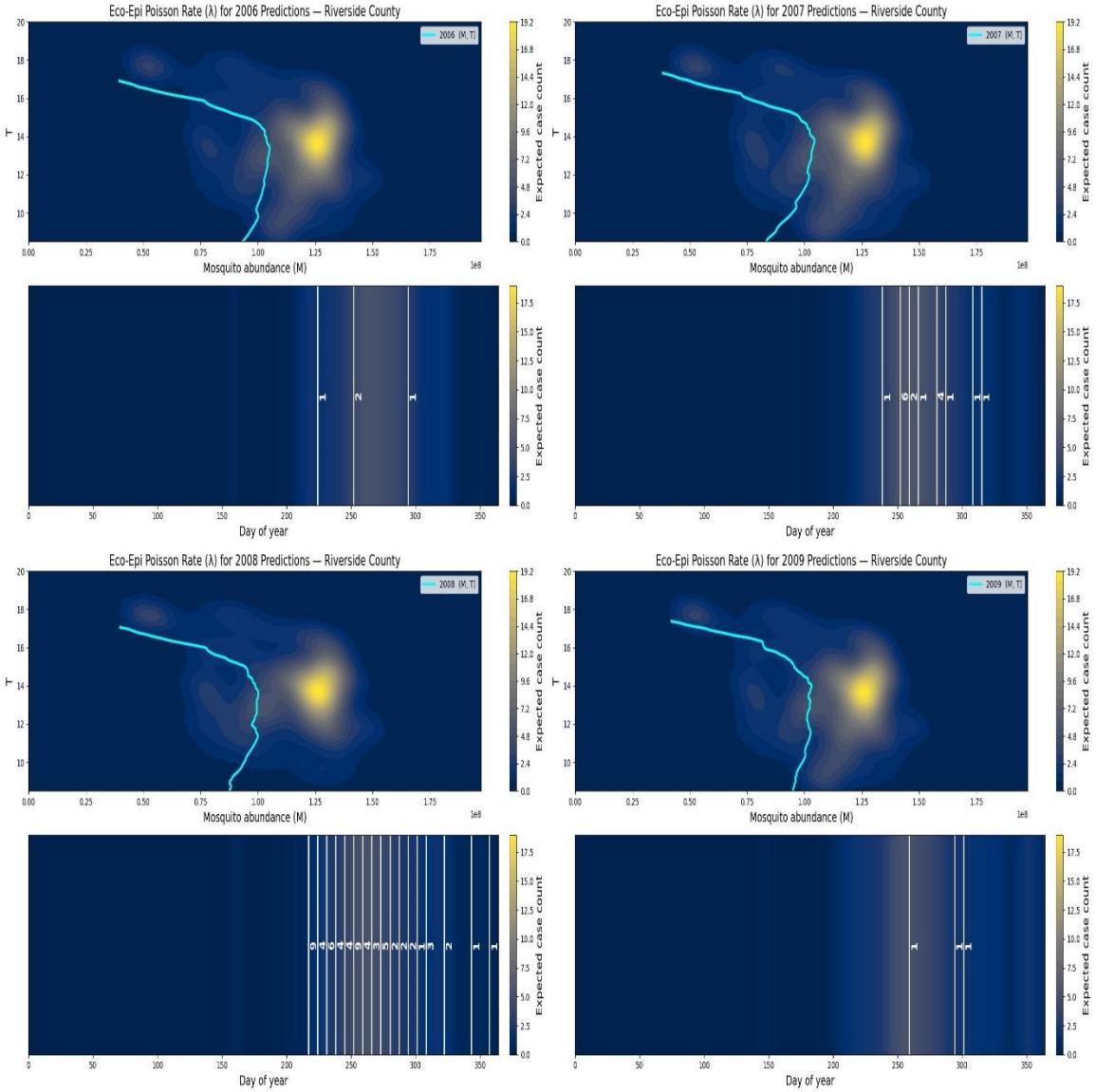


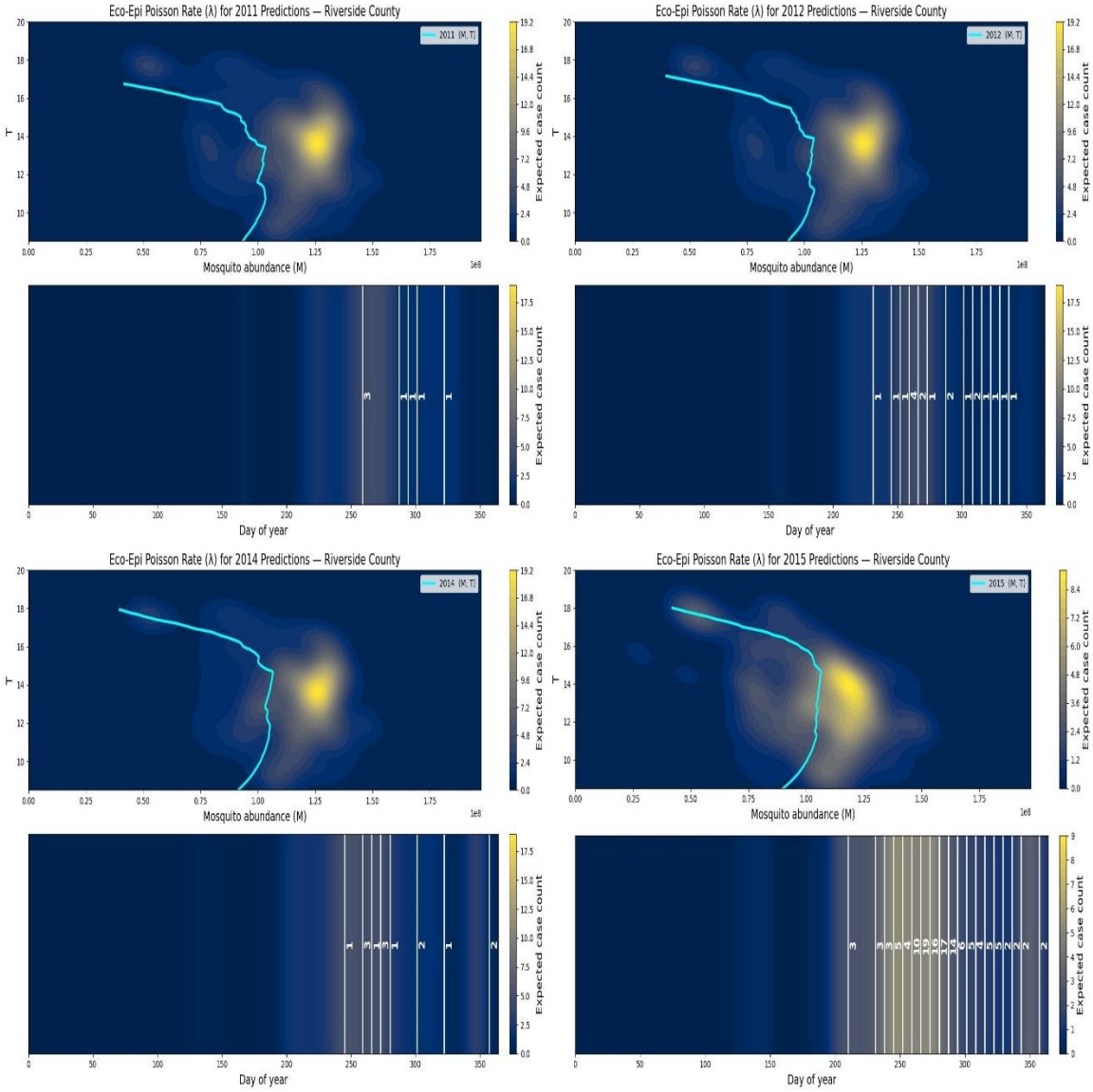


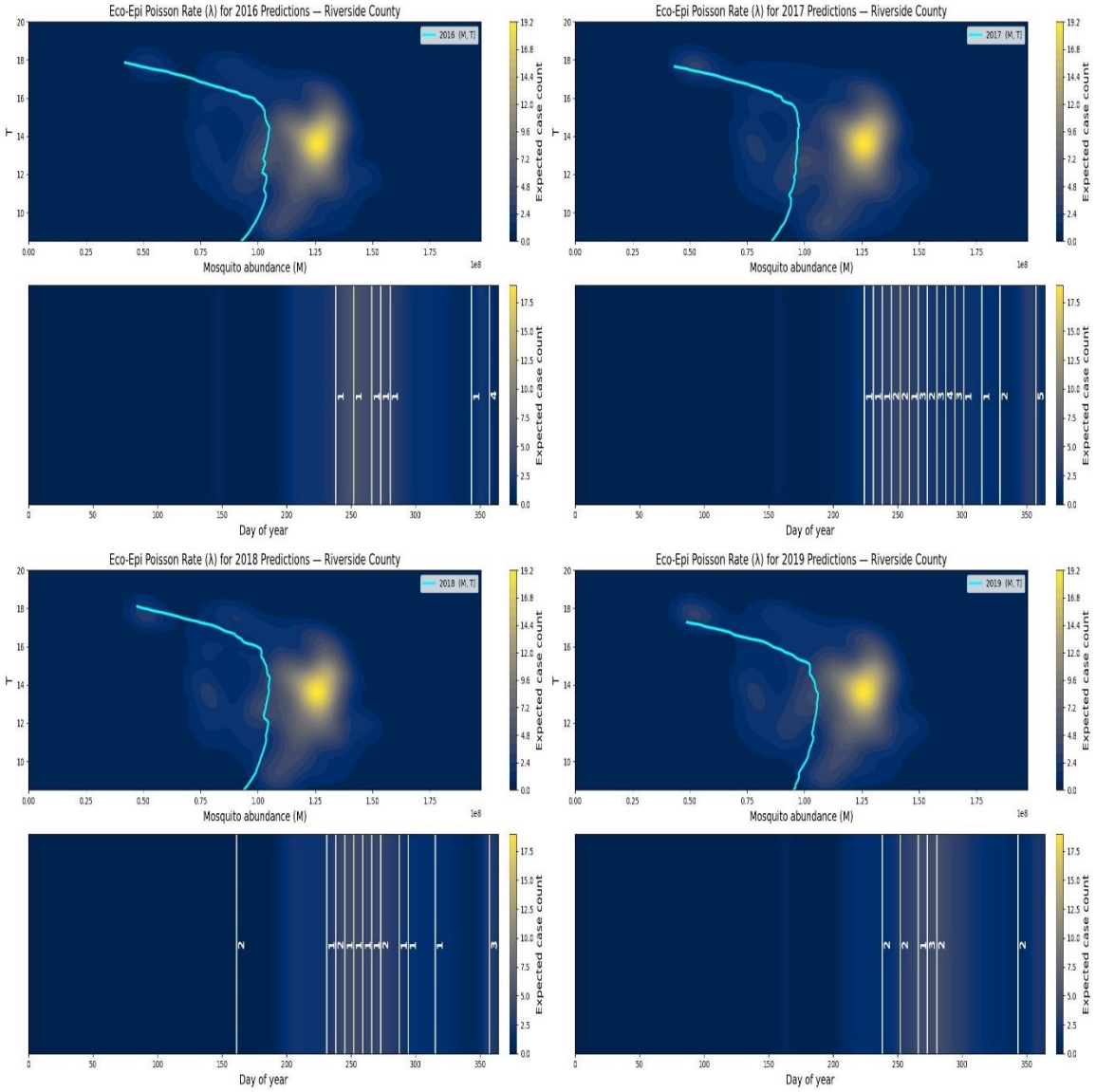


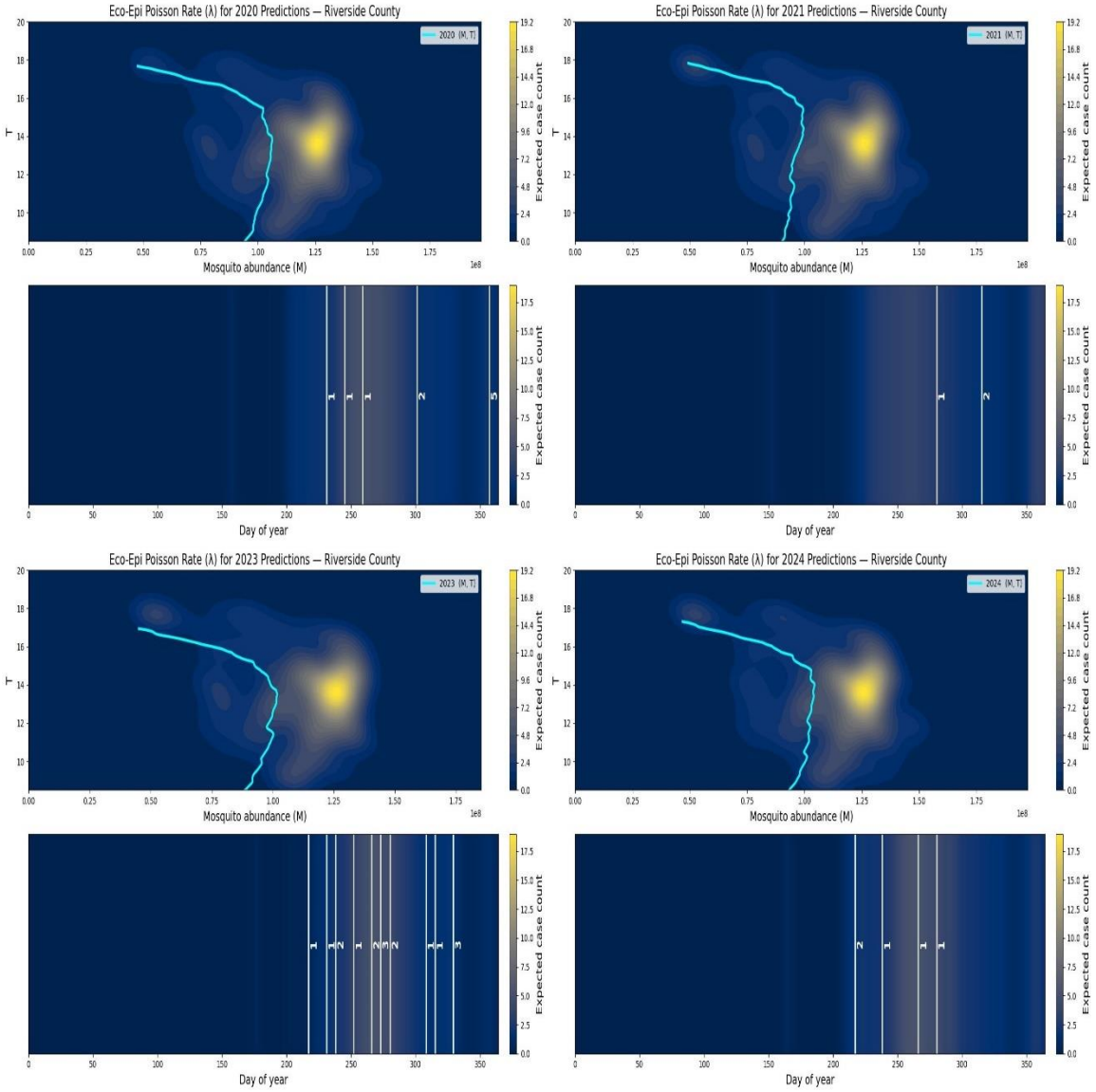
1.2.2.15 Risk maps

Riverside County

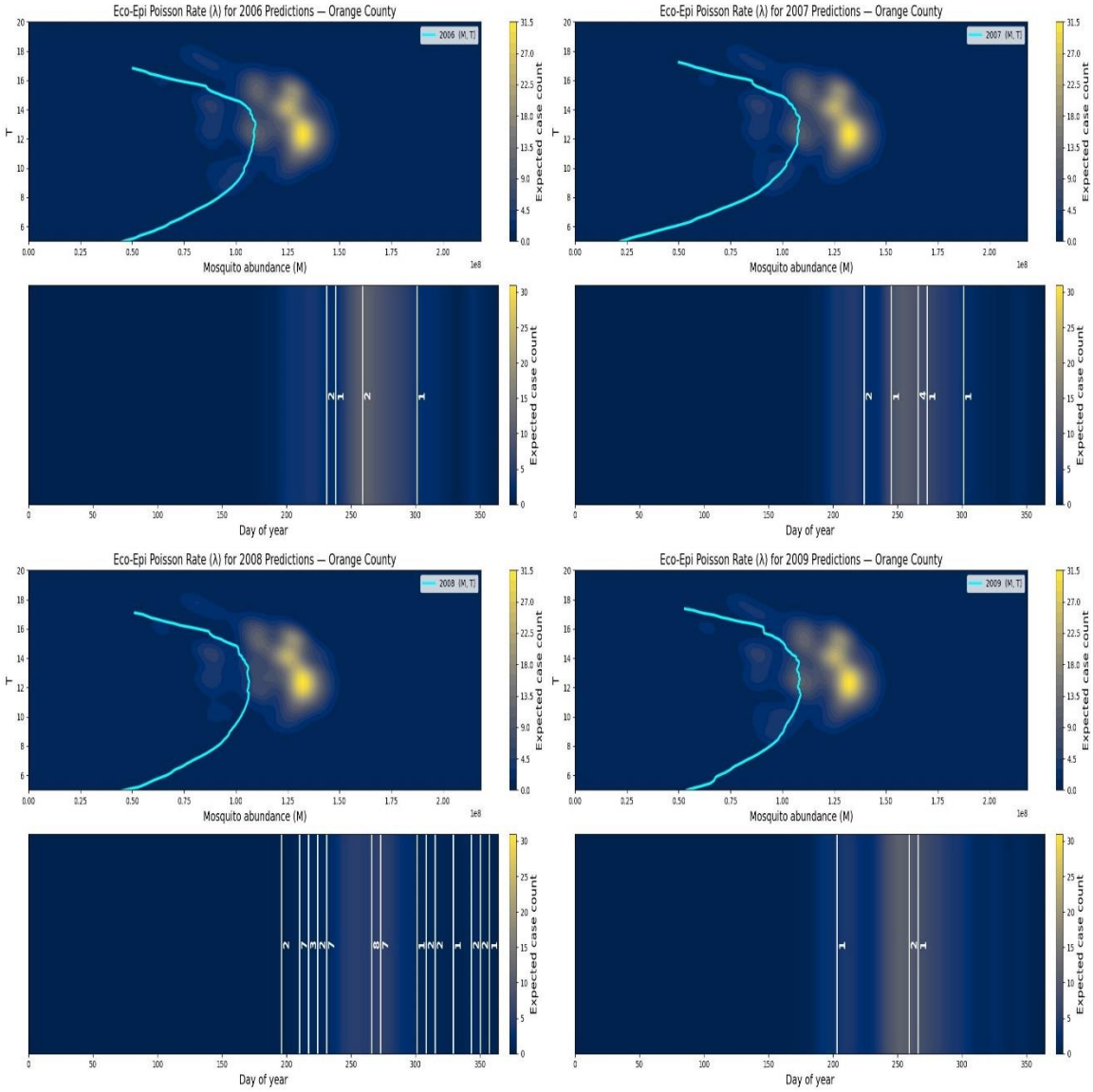


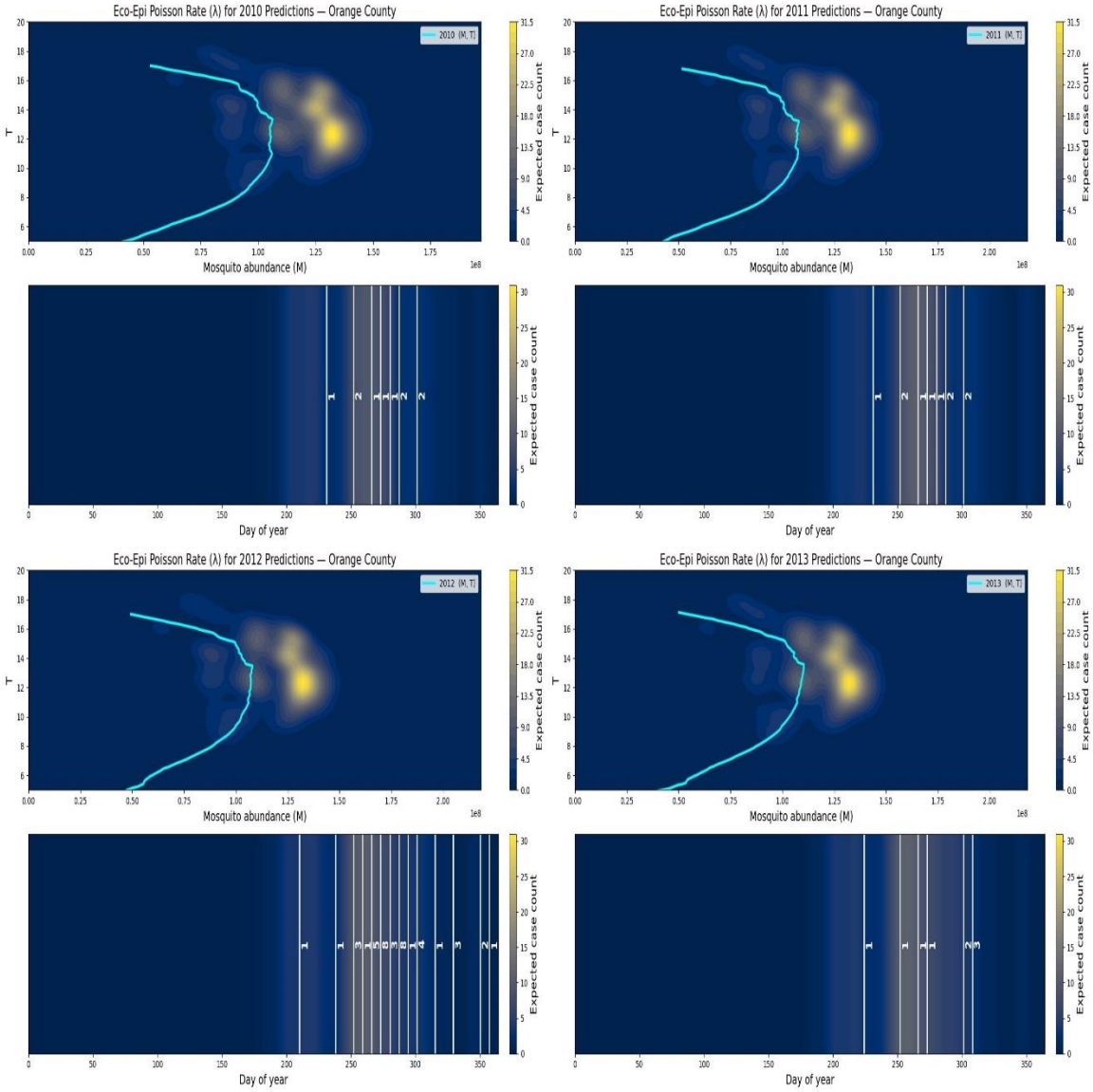

Eco-Epi Poisson Rate (λ) for 2011 Predictions — Riverside County
2011 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2012 Predictions — Riverside County
2012 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2014 Predictions — Riverside County
2014 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2015 Predictions — Riverside County
2015 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year

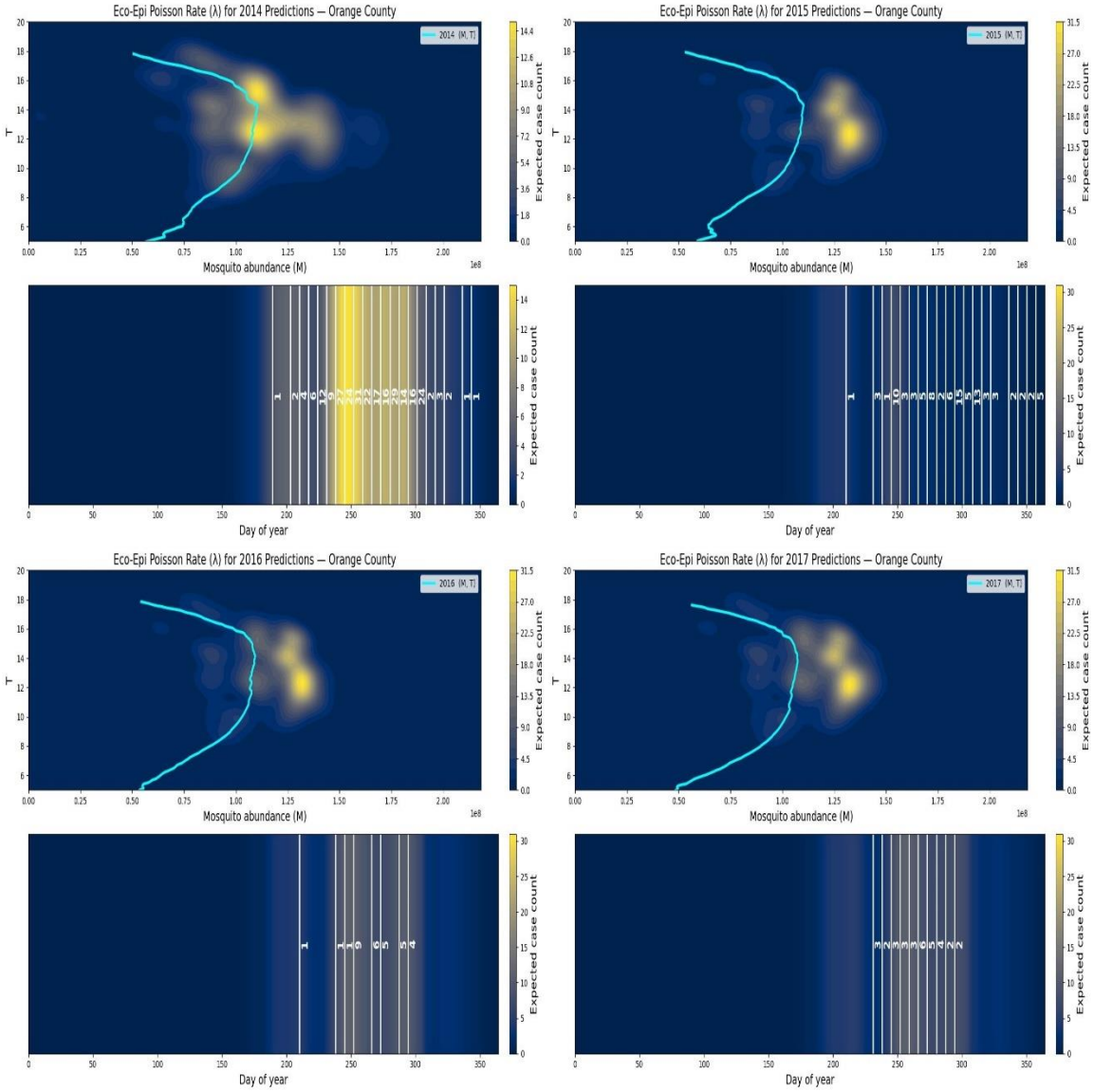

Eco-Epi Poisson Rate (λ) for 2016 Predictions — Riverside County
2016 (M, T)
Mosquito abundance (M)
1e8
T
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2017 Predictions — Riverside County
2017 (M, T)
Mosquito abundance (M)
1e8
T
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2018 Predictions — Riverside County
2018 (M, T)
Mosquito abundance (M)
1e8
T
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2019 Predictions — Riverside County
2019 (M, T)
Mosquito abundance (M)
1e8
T
Expected case count
Day of year

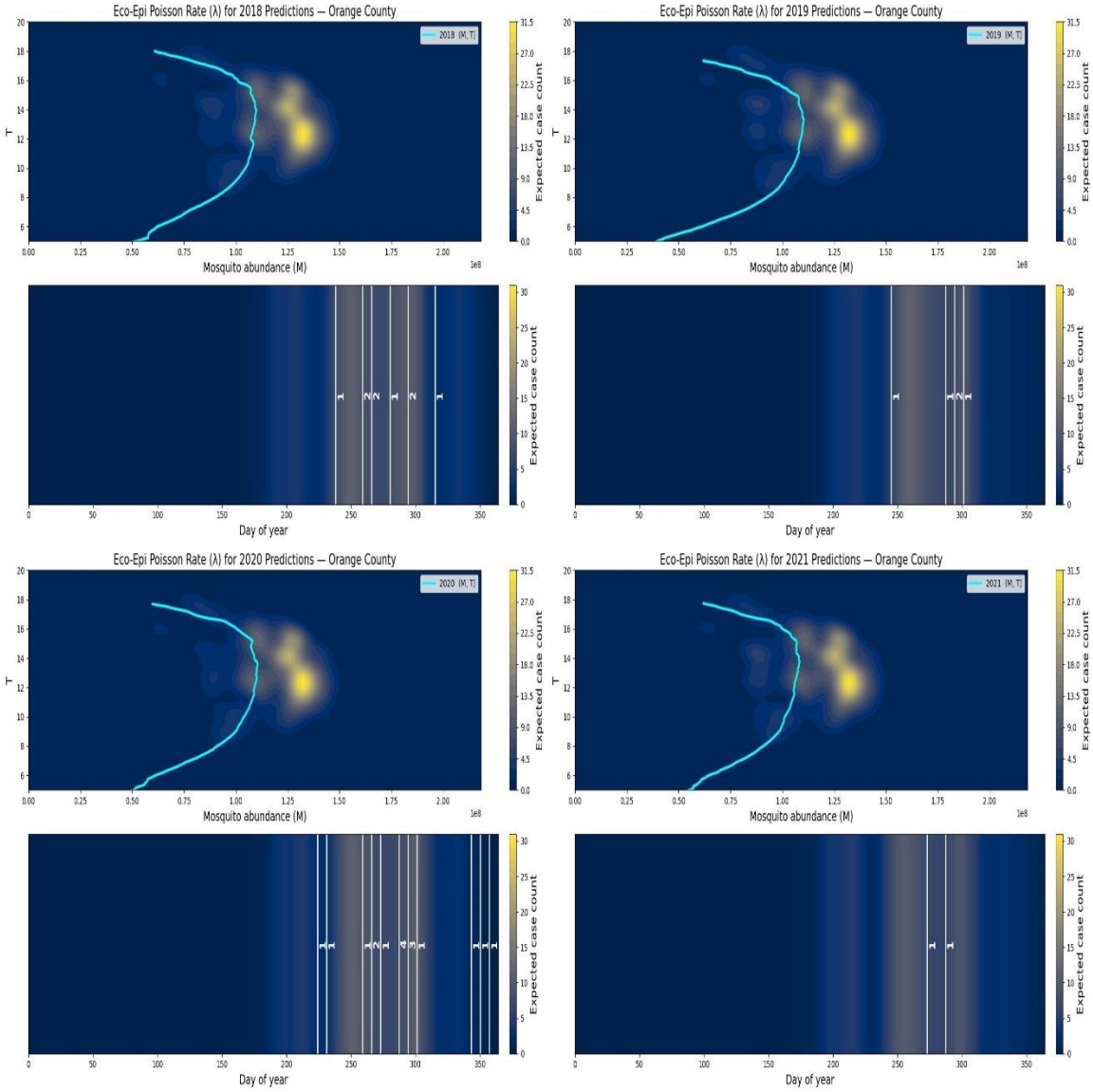


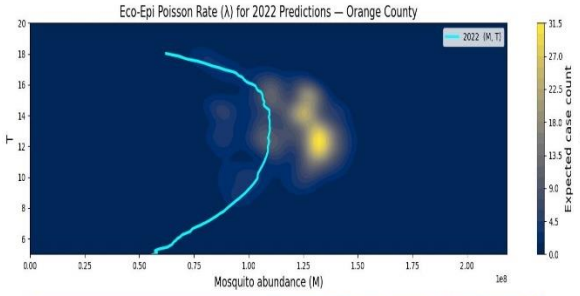
Orange County

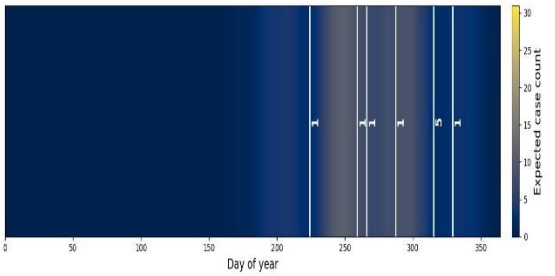

Eco-Epi Poisson Rate (λ) for 2006 Predictions — Orange County
2006 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2007 Predictions — Orange County
2007 (M, T)
Eco-Epi Poisson Rate (λ) for 2008 Predictions — Orange County
2008 (M, T)
Eco-Epi Poisson Rate (λ) for 2009 Predictions — Orange County
2009 (M, T)

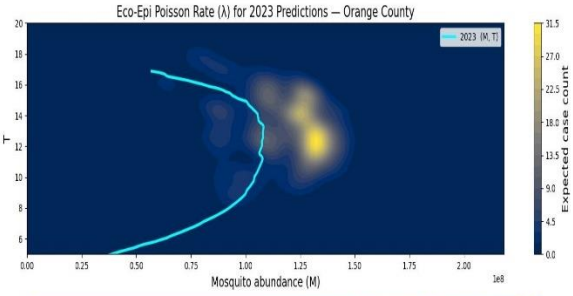

Eco-Epi Poisson Rate (λ) for 2010 Predictions — Orange County
2010 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2011 Predictions — Orange County
2011 (M, T)
Eco-Epi Poisson Rate (λ) for 2012 Predictions — Orange County
2012 (M, T)
Eco-Epi Poisson Rate (λ) for 2013 Predictions — Orange County
2013 (M, T)

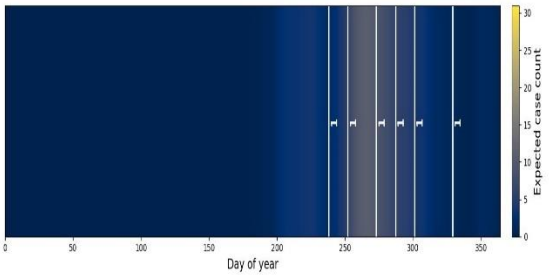

Eco-Epi Poisson Rate (λ) for 2014 Predictions — Orange County
2014 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2015 Predictions — Orange County
2015 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2016 Predictions — Orange County
2016 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2017 Predictions — Orange County
2017 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year

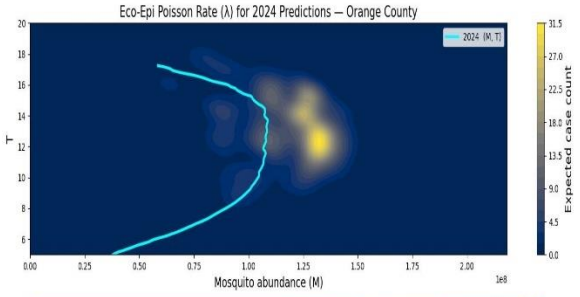

Eco-Epi Poisson Rate (λ) for 2018 Predictions — Orange County
2018 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2019 Predictions — Orange County
2019 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2020 Predictions — Orange County
2020 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2021 Predictions — Orange County
2021 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year

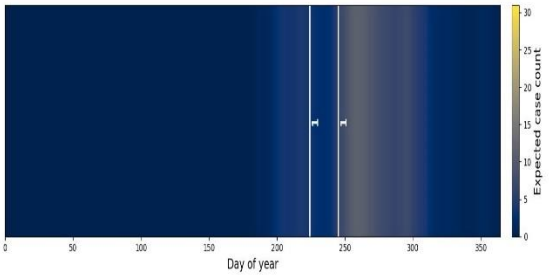

Eco-Epi Poisson Rate (λ) for 2022 Predictions — Orange County
2022 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count


1
1
2
1
5
1
Day of year
Expected case count

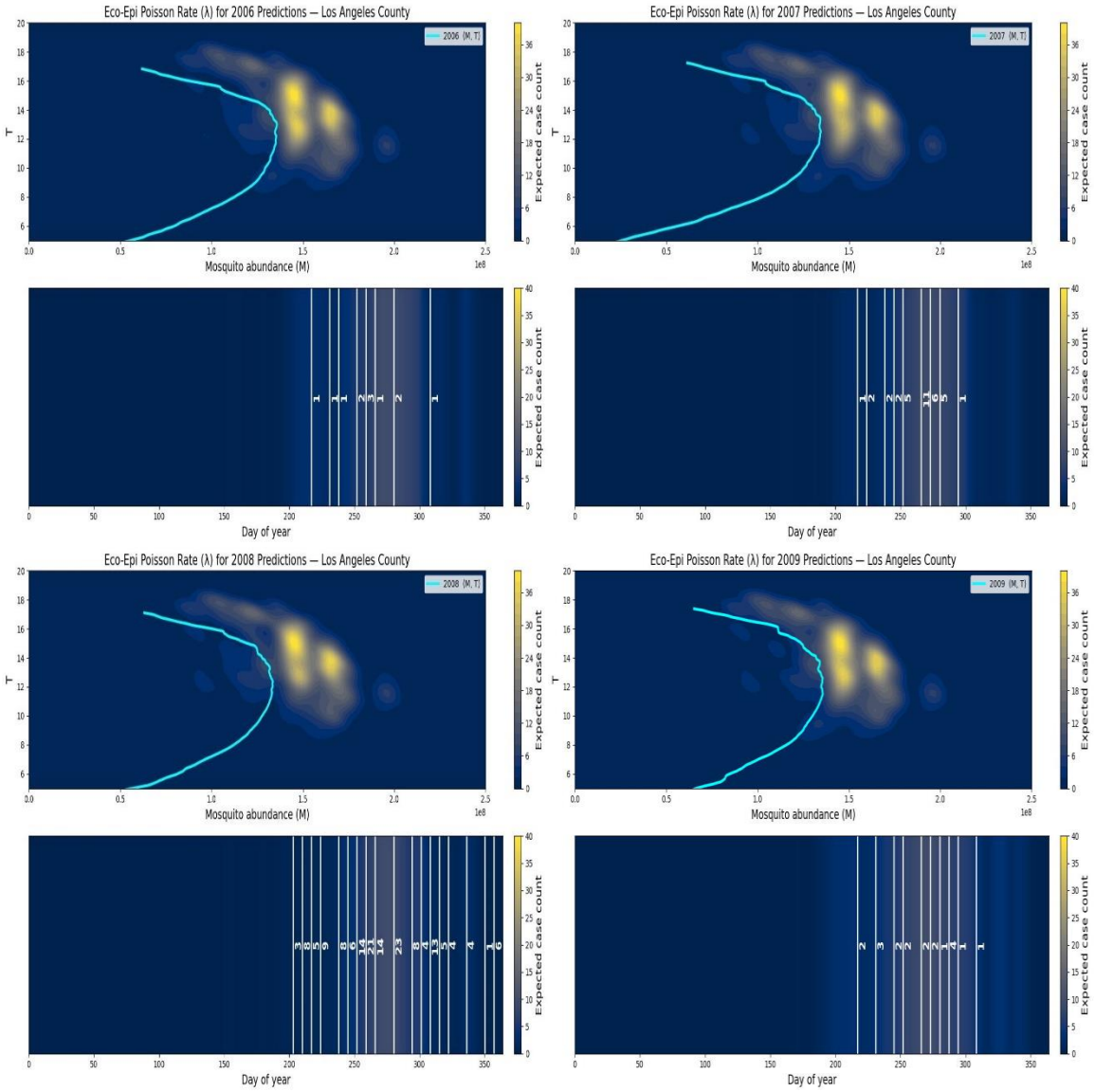

Eco-Epi Poisson Rate (λ) for 2023 Predictions — Orange County
2023 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count

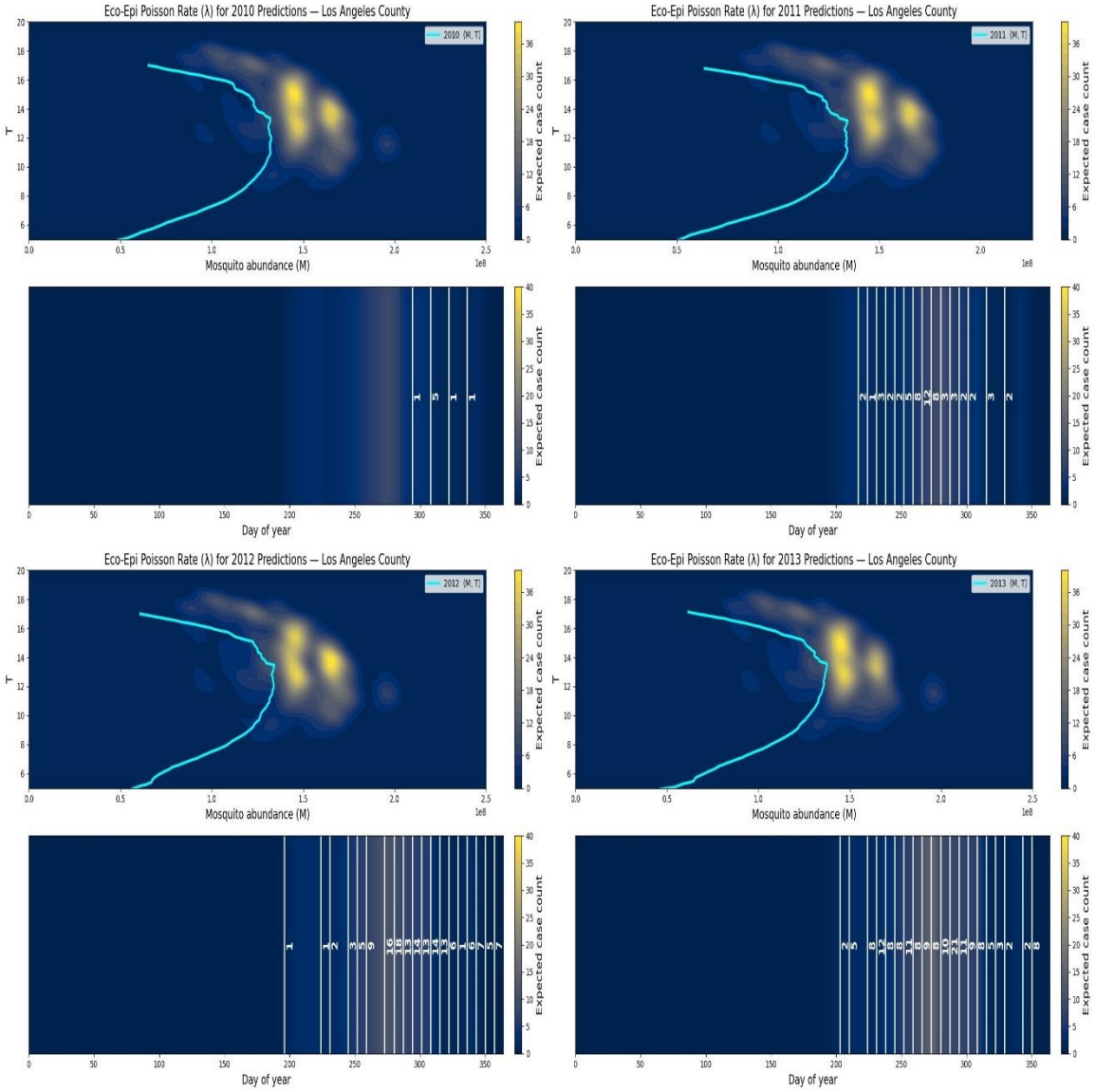

1
1
1
1
1
1
Day of year
Expected case count

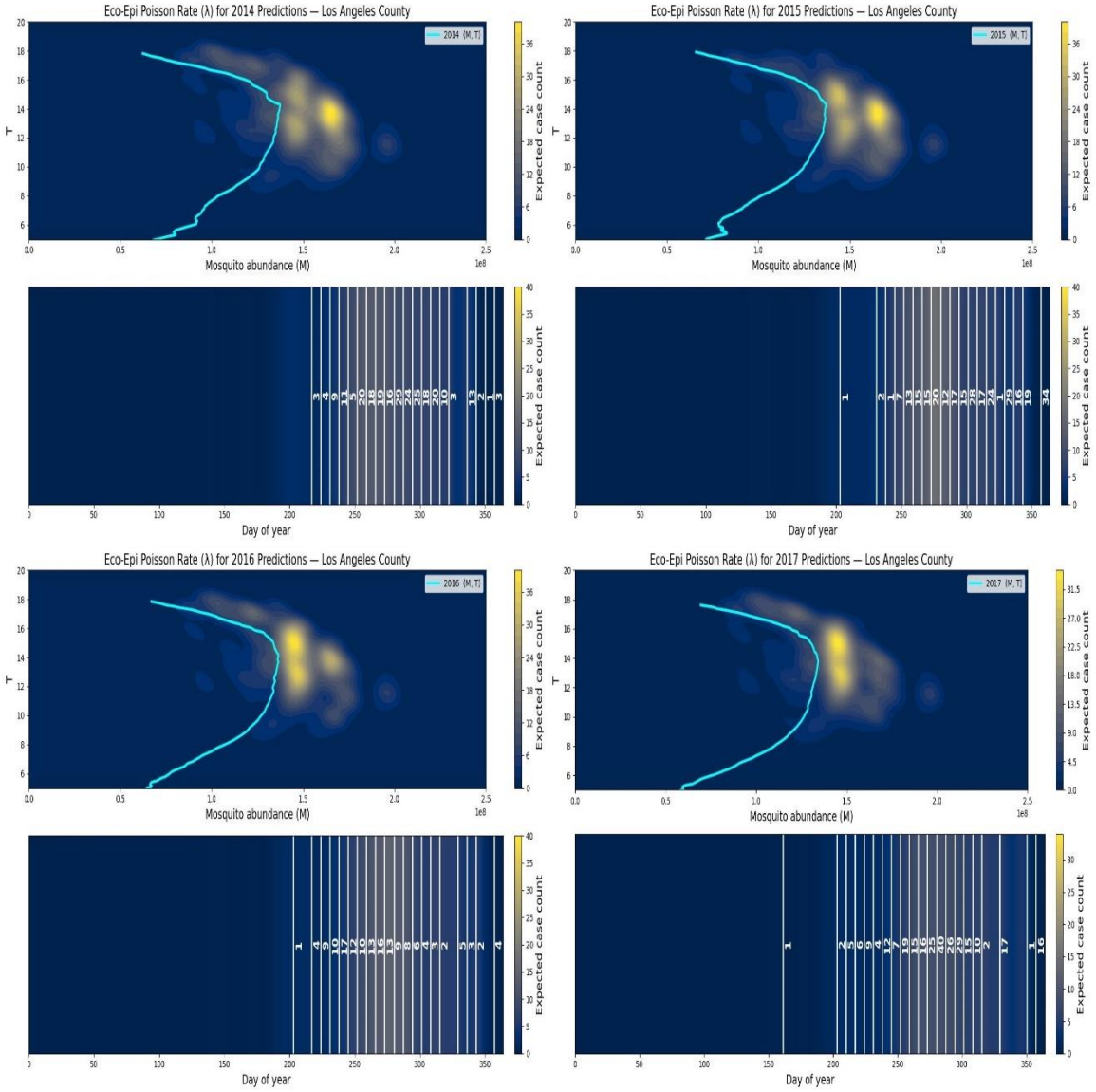

Eco-Epi Poisson Rate (λ) for 2024 Predictions — Orange County
2024 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count

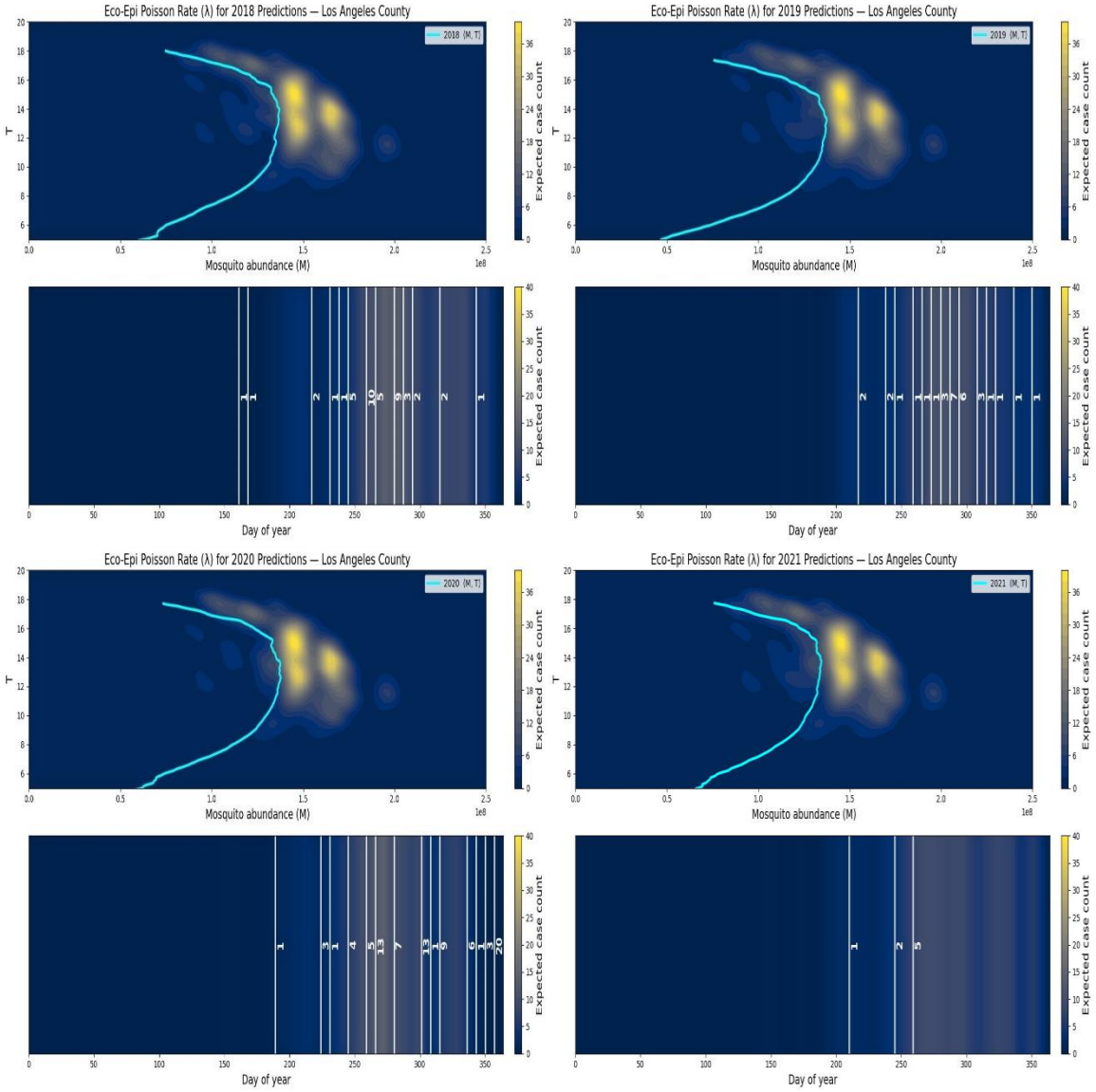

1
1
Day of year
Expected case count

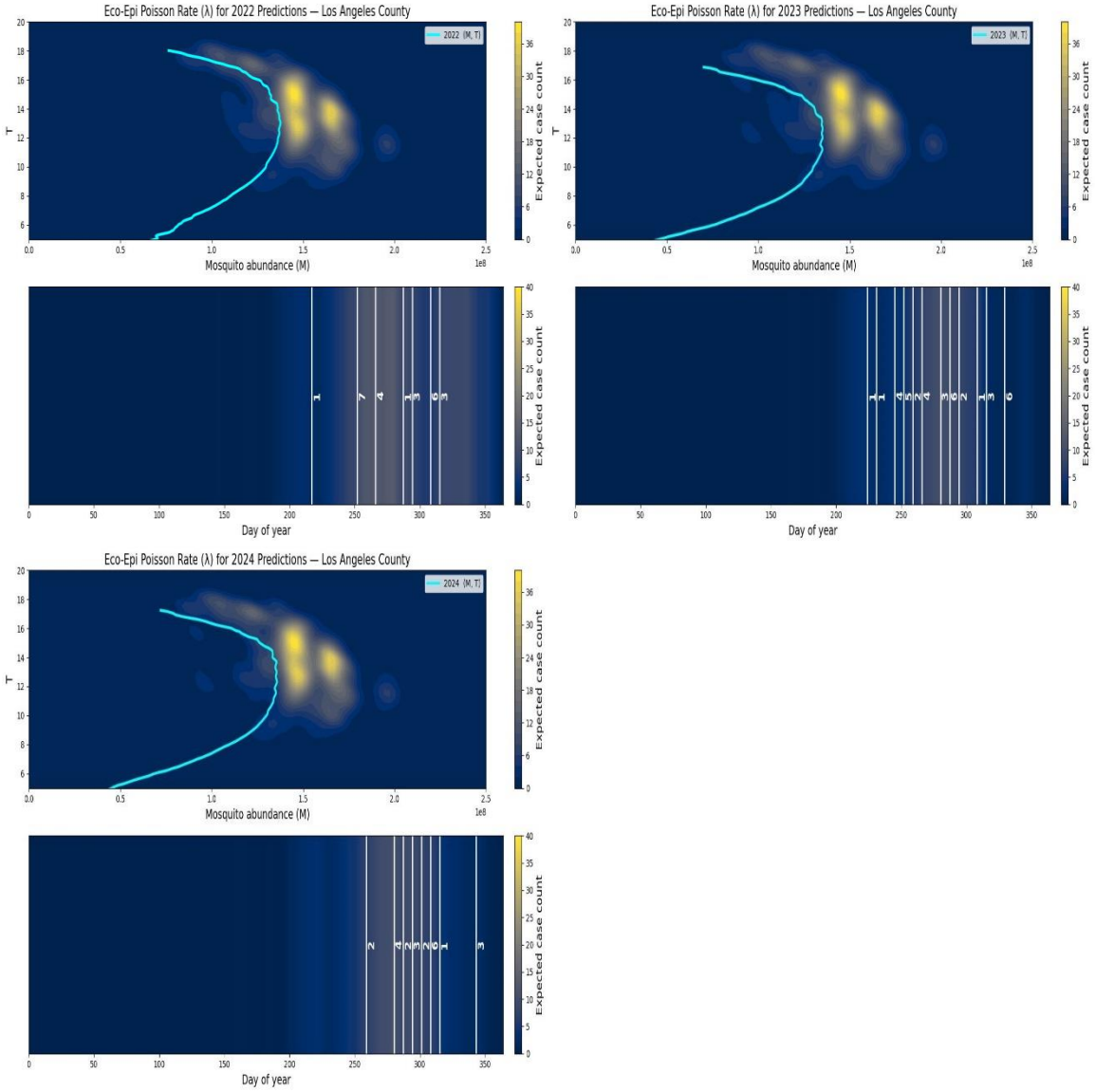
Los Angeles County



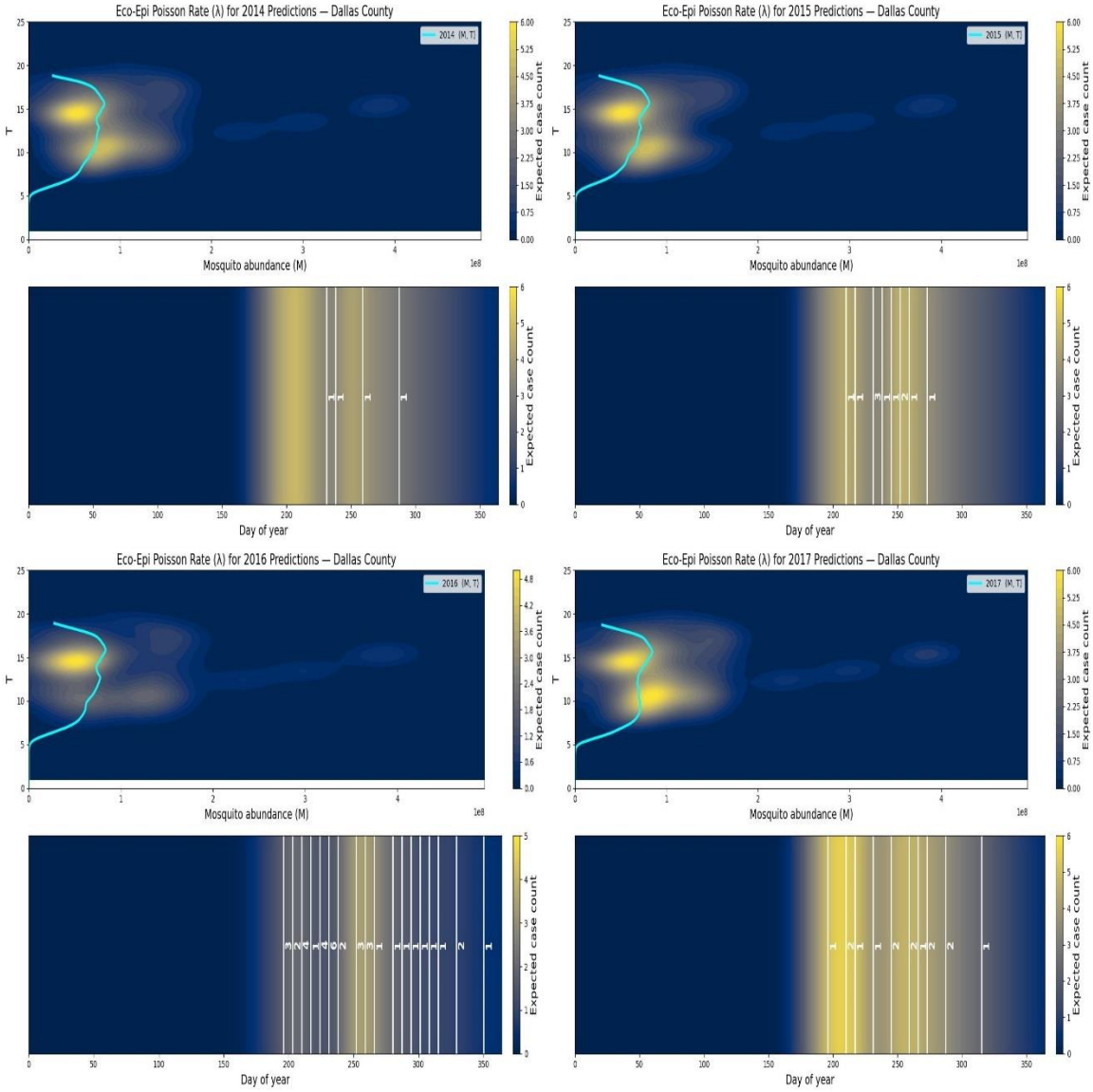

Eco-Epi Poisson Rate (λ) for 2010 Predictions — Los Angeles County
2010 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
1 5 1 1
Eco-Epi Poisson Rate (λ) for 2011 Predictions — Los Angeles County
2011 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
2 1 3 2 2 5 6 12 9 3 3 2 2 3 2
Eco-Epi Poisson Rate (λ) for 2012 Predictions — Los Angeles County
2012 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
1 2 2 3 3 9 16 16 13 13 14 13 6 16 7 5 7
Eco-Epi Poisson Rate (λ) for 2013 Predictions — Los Angeles County
2013 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
2 2 5 8 12 8 8 13 8 9 8 10 21 21 9 8 5 3 2 2 8

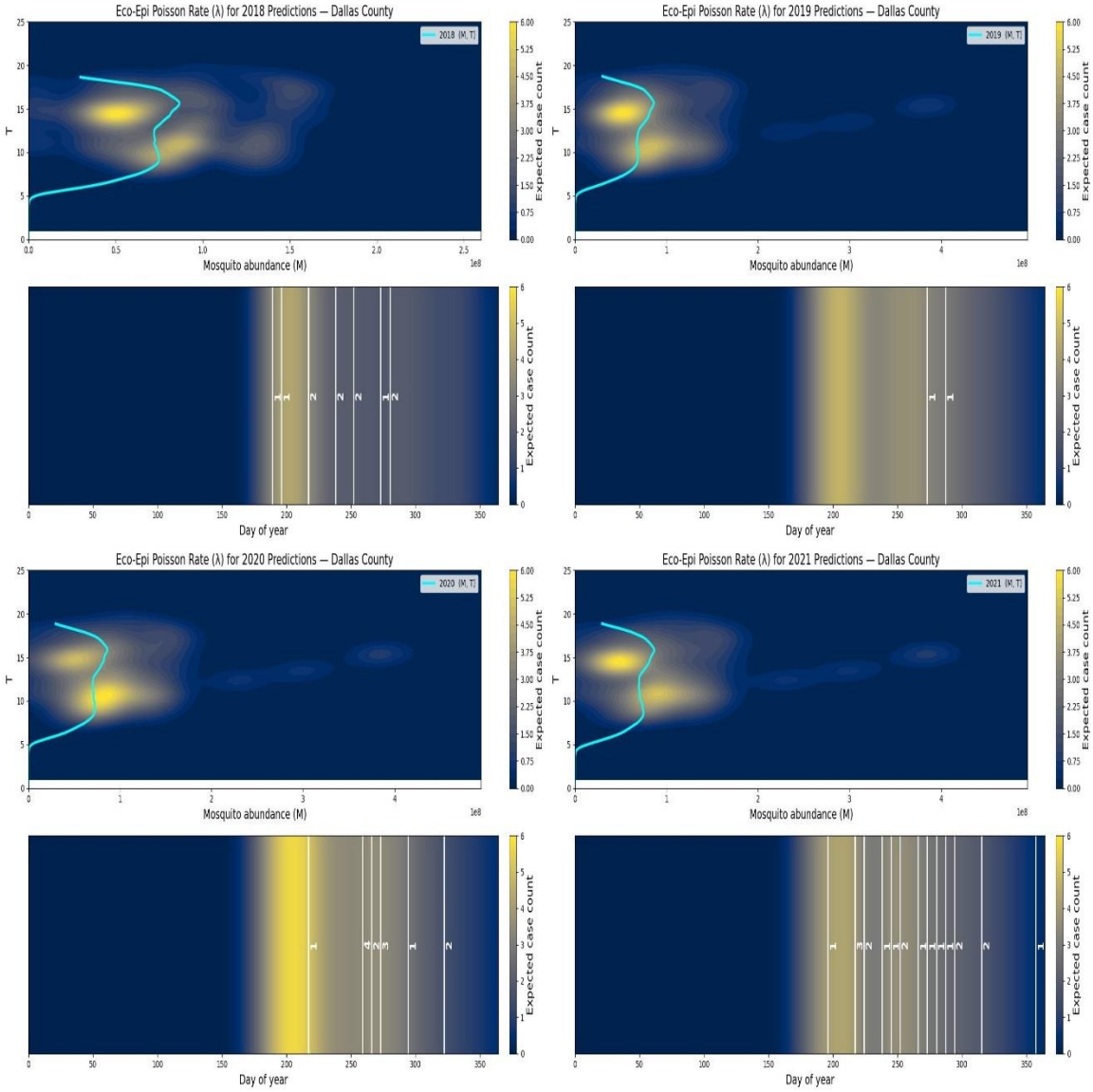

Eco-Epi Poisson Rate (λ) for 2014 Predictions — Los Angeles County
2014 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2015 Predictions — Los Angeles County
2015 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2016 Predictions — Los Angeles County
2016 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2017 Predictions — Los Angeles County
2017 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year

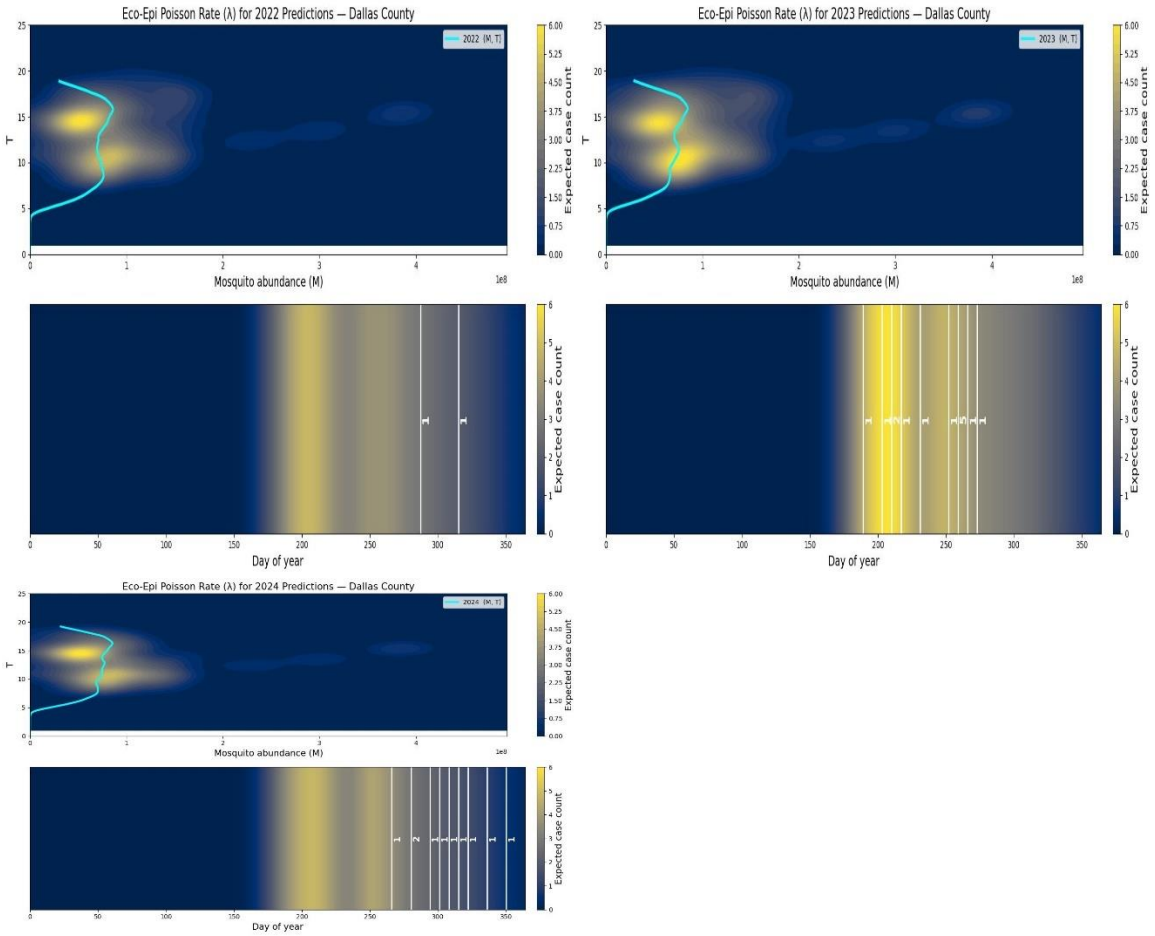

Eco-Epi Poisson Rate (λ) for 2018 Predictions — Los Angeles County
2018 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2019 Predictions — Los Angeles County
2019 (M, T)
Eco-Epi Poisson Rate (λ) for 2020 Predictions — Los Angeles County
2020 (M, T)
Eco-Epi Poisson Rate (λ) for 2021 Predictions — Los Angeles County
2021 (M, T)



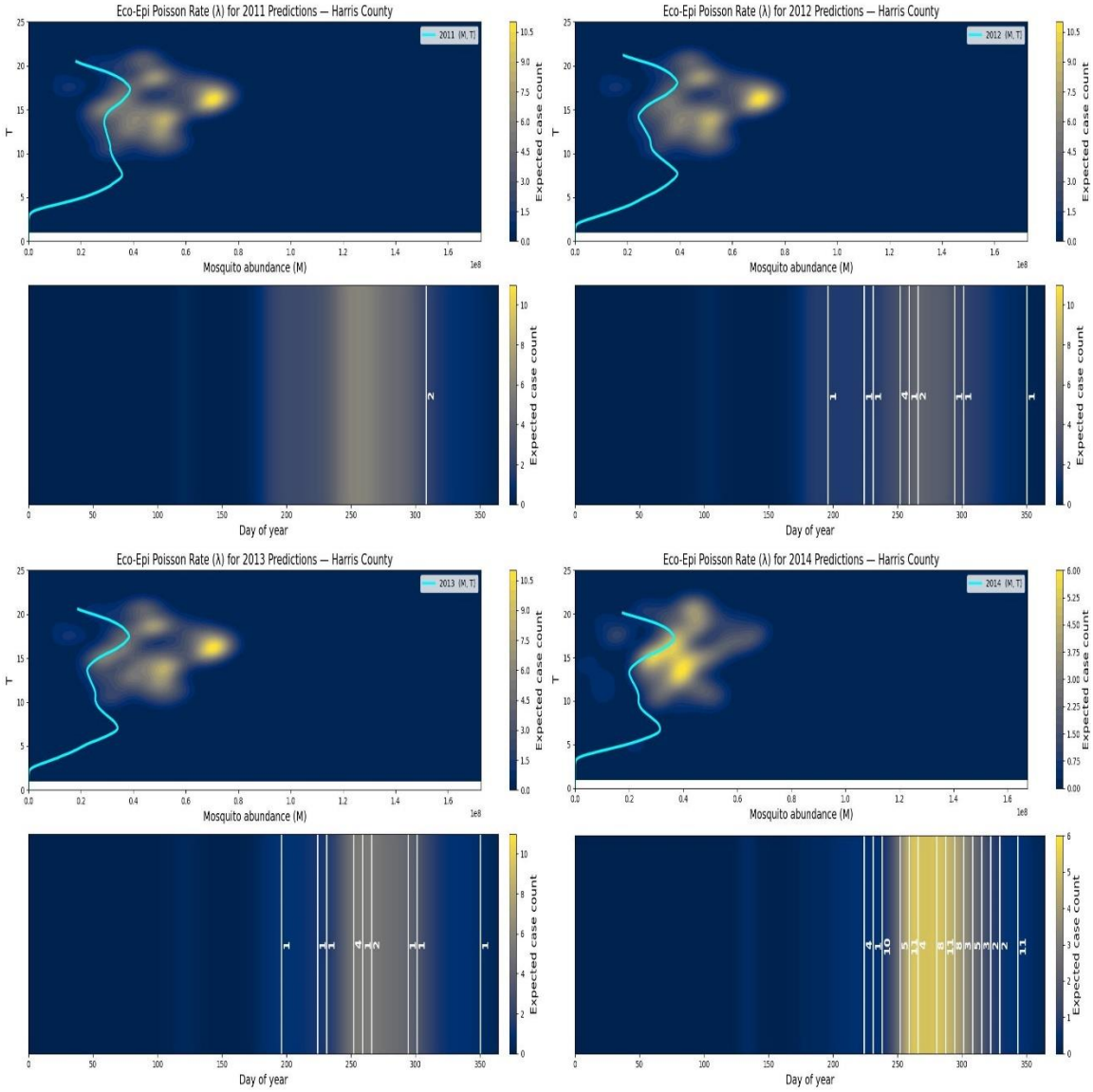
Dallas County

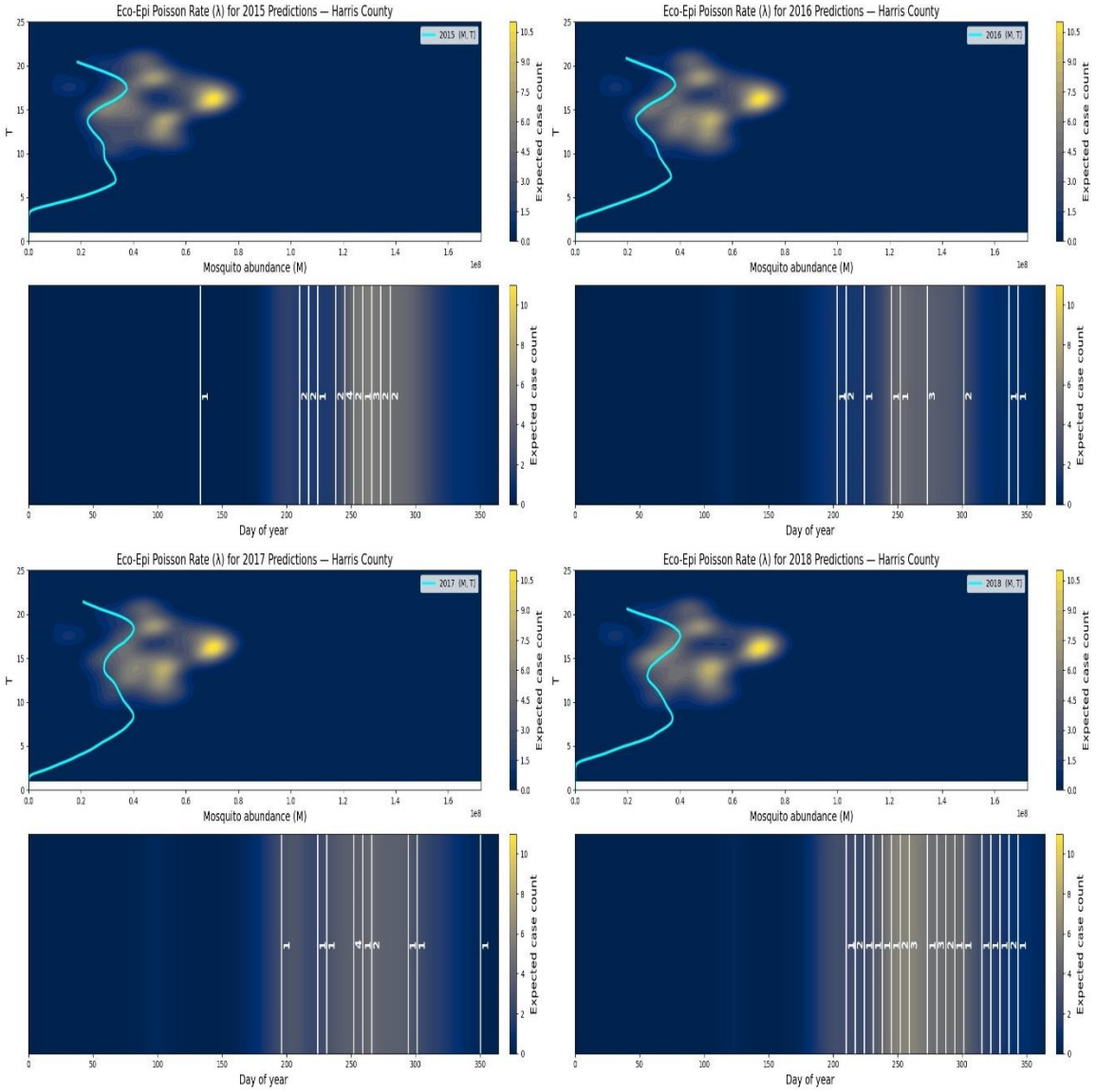

Eco-Epi Poisson Rate (λ) for 2014 Predictions — Dallas County
2014 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2015 Predictions — Dallas County
2015 (M, T)
Eco-Epi Poisson Rate (λ) for 2016 Predictions — Dallas County
2016 (M, T)
Eco-Epi Poisson Rate (λ) for 2017 Predictions — Dallas County
2017 (M, T)

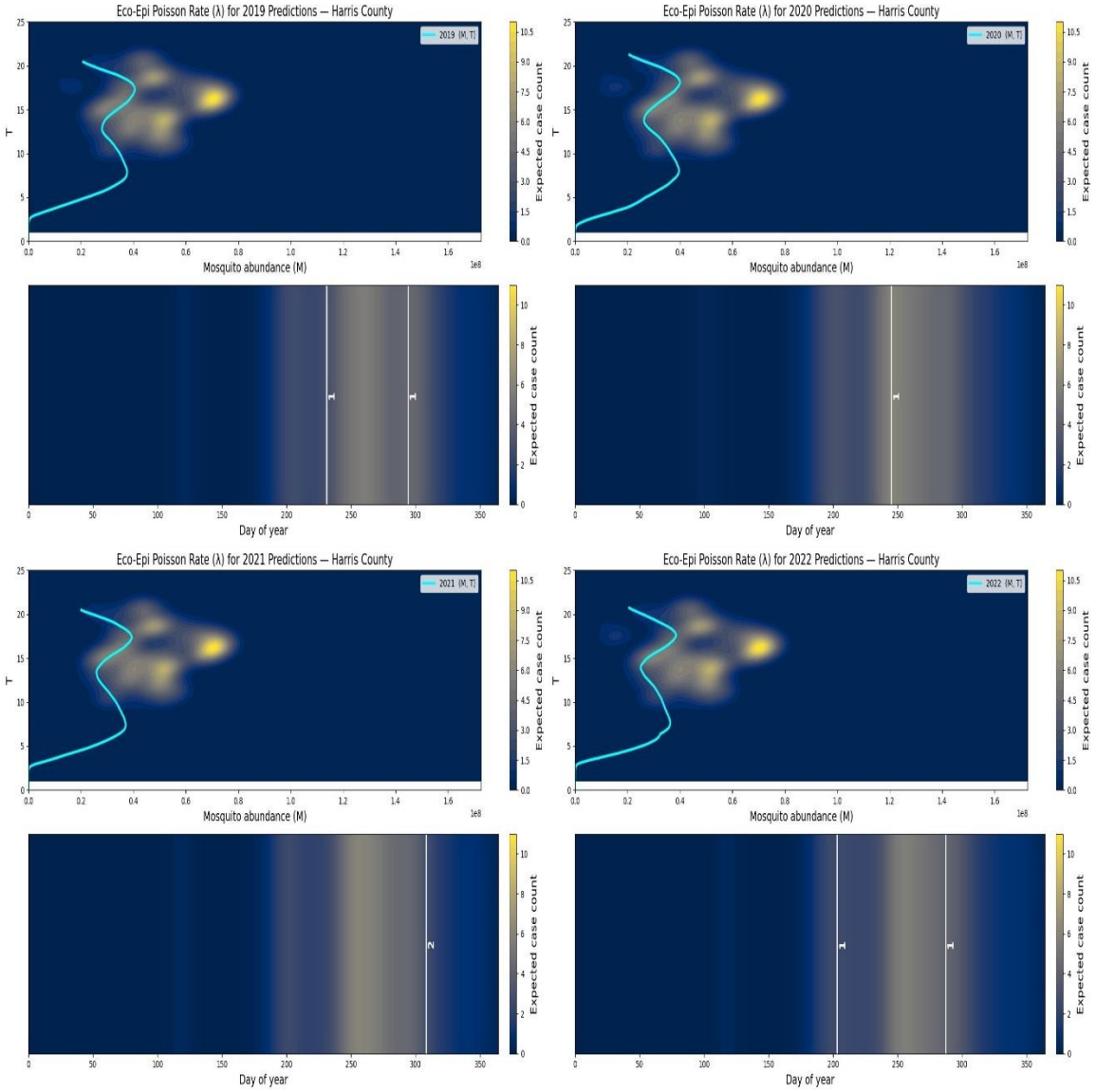

Eco-Epi Poisson Rate (λ) for 2018 Predictions — Dallas County
2018 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2019 Predictions — Dallas County
2019 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2020 Predictions — Dallas County
2020 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2021 Predictions — Dallas County
2021 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year

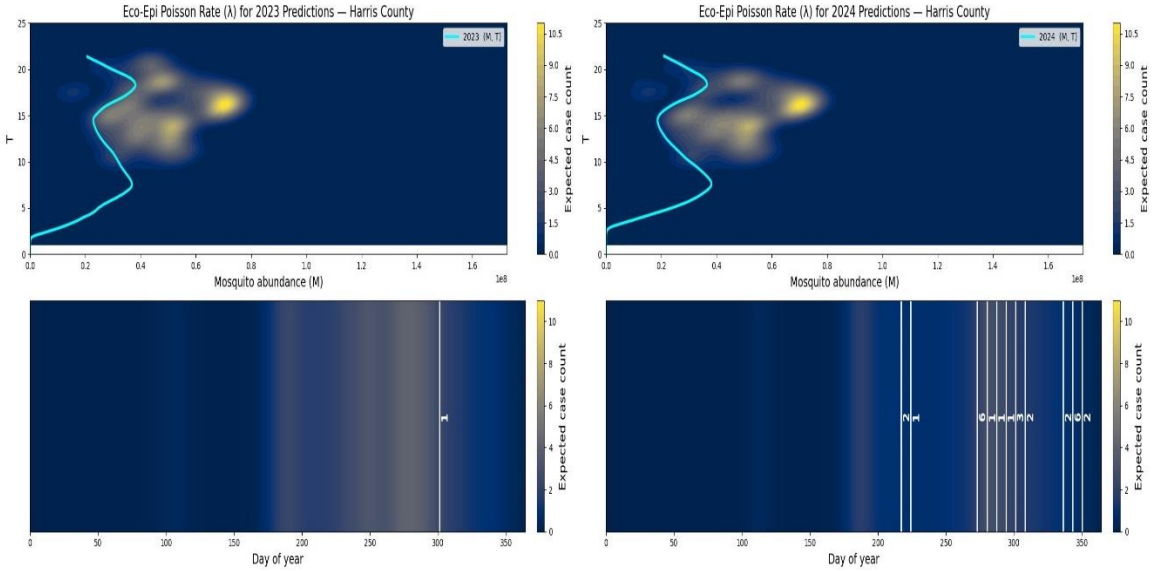


Harris County

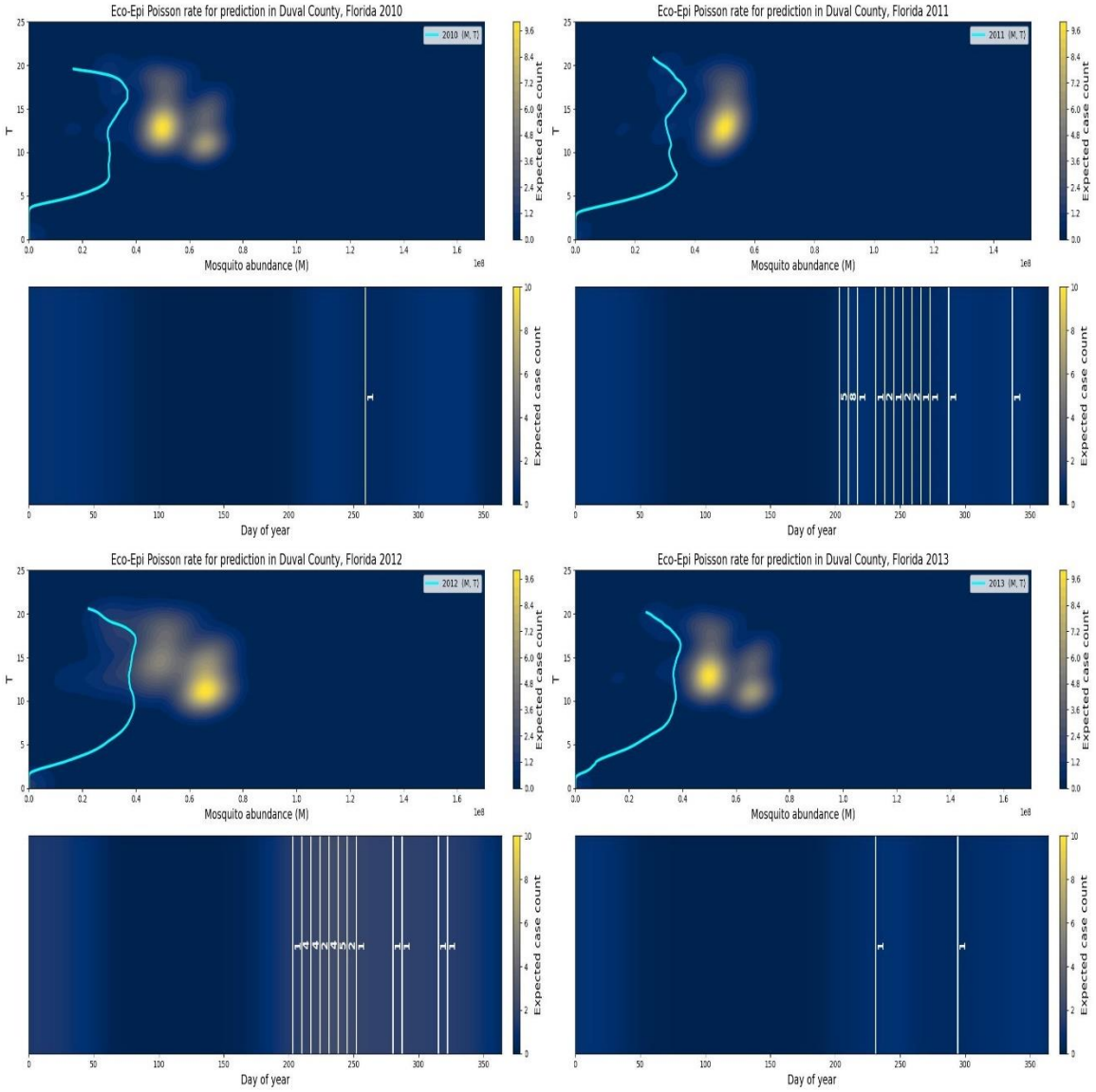

Eco-Epi Poisson Rate (λ) for 2011 Predictions — Harris County
2011 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2012 Predictions — Harris County
2012 (M, T)
Eco-Epi Poisson Rate (λ) for 2013 Predictions — Harris County
2013 (M, T)
Eco-Epi Poisson Rate (λ) for 2014 Predictions — Harris County
2014 (M, T)

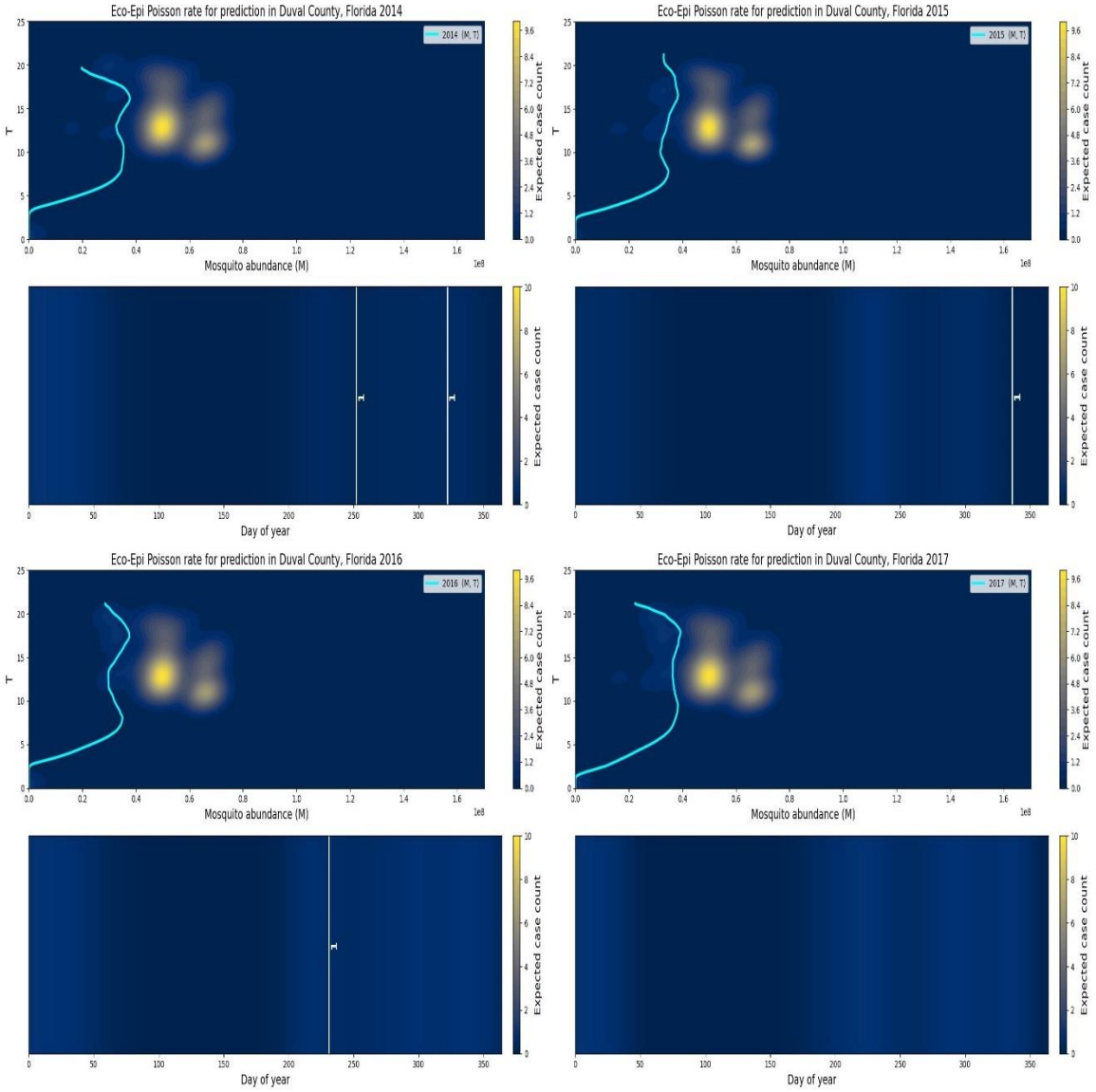

Eco-Epi Poisson Rate (λ) for 2015 Predictions — Harris County
2015 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2016 Predictions — Harris County
2016 (M, T)
Eco-Epi Poisson Rate (λ) for 2017 Predictions — Harris County
2017 (M, T)
Eco-Epi Poisson Rate (λ) for 2018 Predictions — Harris County
2018 (M, T)

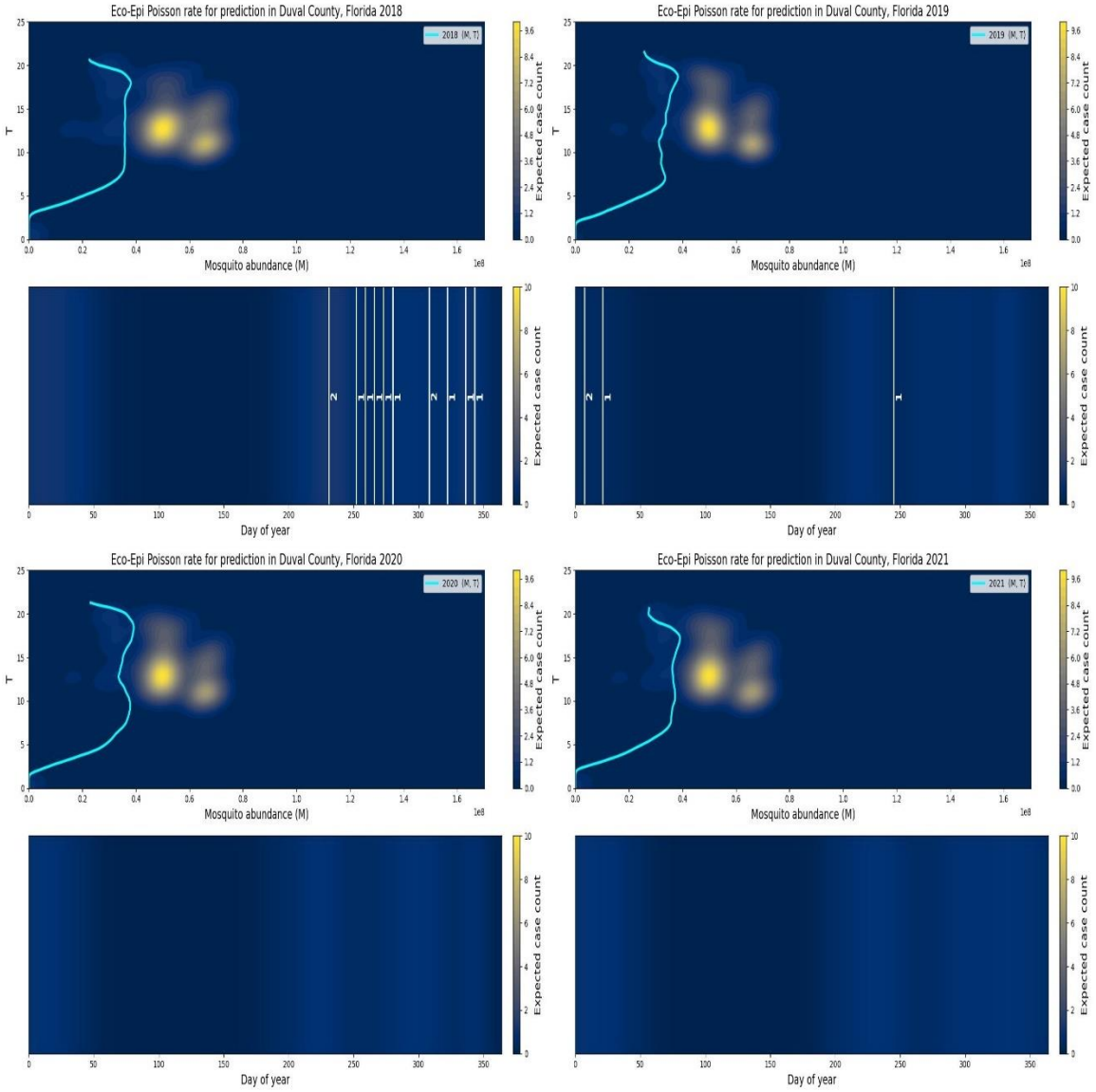

Eco-Epi Poisson Rate (λ) for 2019 Predictions — Harris County
2019 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2020 Predictions — Harris County
2020 (M, T)
Eco-Epi Poisson Rate (λ) for 2021 Predictions — Harris County
2021 (M, T)
Eco-Epi Poisson Rate (λ) for 2022 Predictions — Harris County
2022 (M, T)

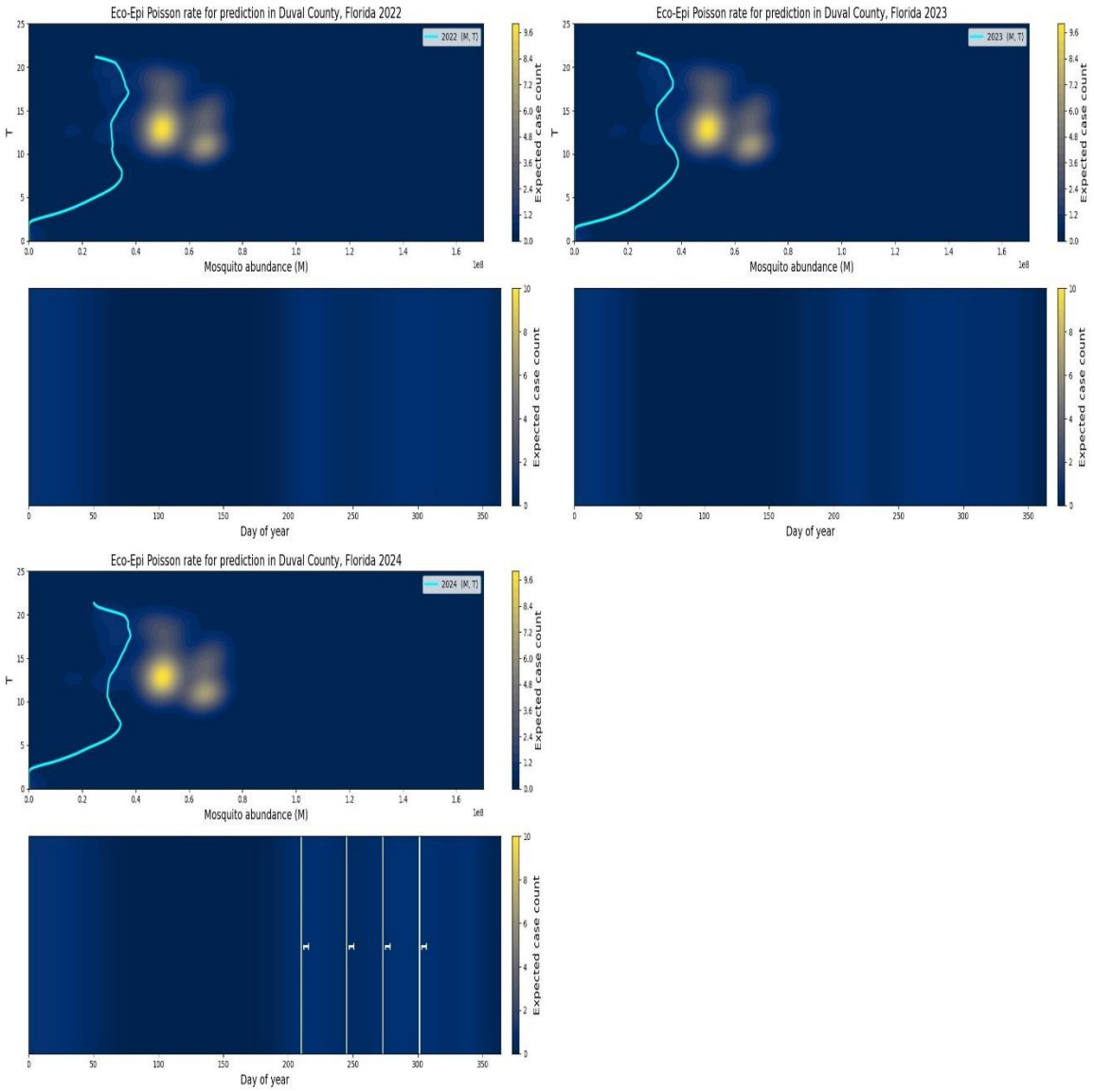


Duval County


Eco-Epi Poisson rate for prediction in Duval County, Florida 2010
2010 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson rate for prediction in Duval County, Florida 2011
2011 (M, T)
Eco-Epi Poisson rate for prediction in Duval County, Florida 2012
2012 (M, T)
Eco-Epi Poisson rate for prediction in Duval County, Florida 2013
2013 (M, T)


Eco-Epi Poisson rate for prediction in Duval County, Florida 2014
2014 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson rate for prediction in Duval County, Florida 2015
2015 (M, T)
Eco-Epi Poisson rate for prediction in Duval County, Florida 2016
2016 (M, T)
Eco-Epi Poisson rate for prediction in Duval County, Florida 2017
2017 (M, T)


Eco-Epi Poisson rate for prediction in Duval County, Florida 2018
2018 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson rate for prediction in Duval County, Florida 2019
2019 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson rate for prediction in Duval County, Florida 2020
2020 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson rate for prediction in Duval County, Florida 2021
2021 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year

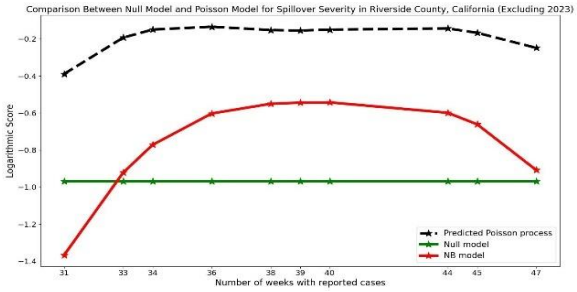


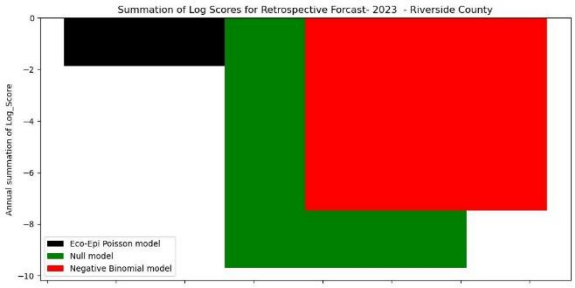
VI-Retrospective forecast for risk severity

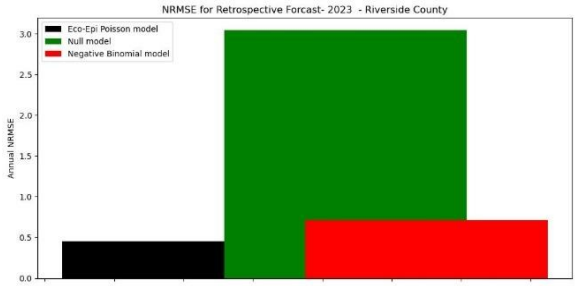
1.2.3.1 Logarithmic score plots for Riverside County, 2023

This section presents plot of the predicted Poisson distribution generated from the retrospective forecast for spillover severity prediction for 2023 at time points with reported cases. The area under the curve corresponding to the bin containing the observed value is shaded in green. As described in the manuscript, the logarithm of this bin probability serves as the logarithmic score.

1.2.3.2 Comparison of null baseline, NB and Poisson model for Riverside County, 2023

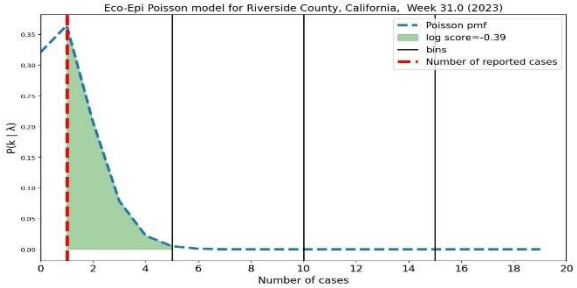


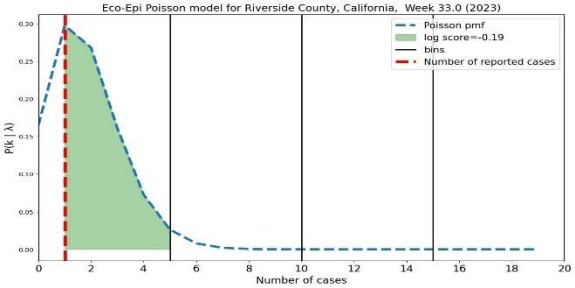


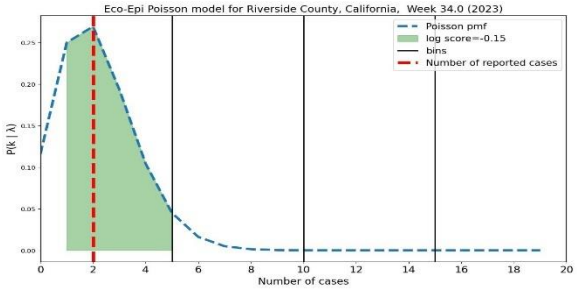


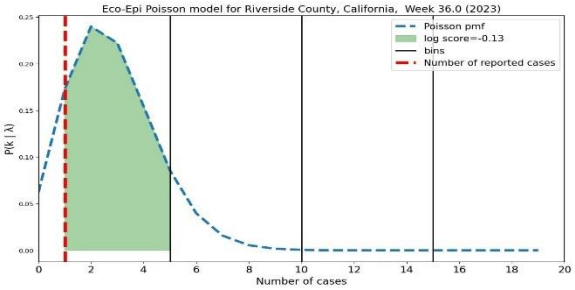
1.2.3.3 Predicted Poisson and NB pmf and logarithmic score for Riverside County, 2023:

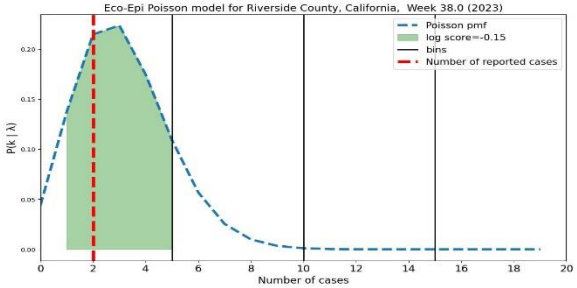
We have used the data (2006-2021) to predict the result for 2023.

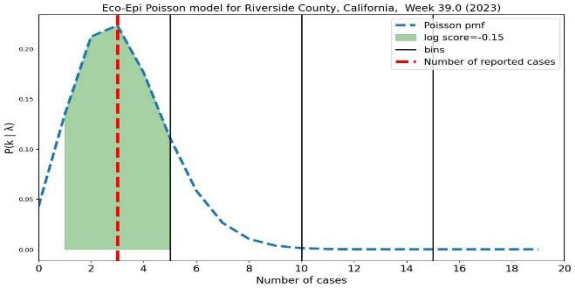


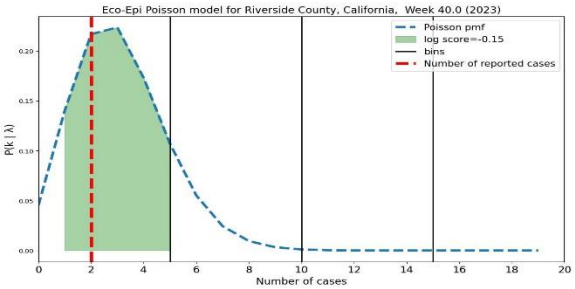


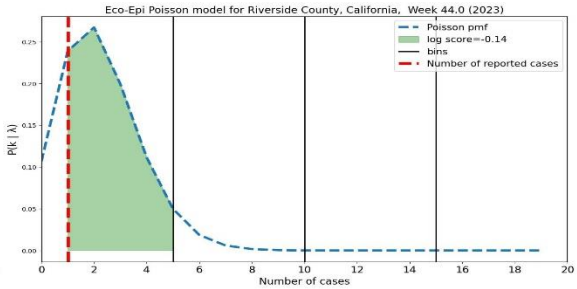


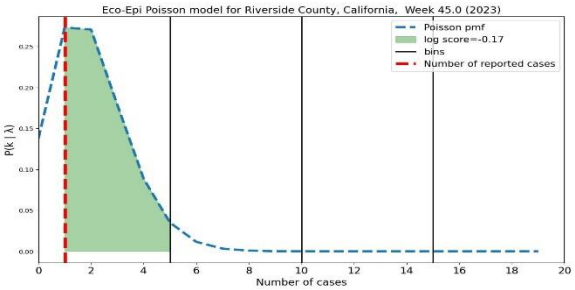


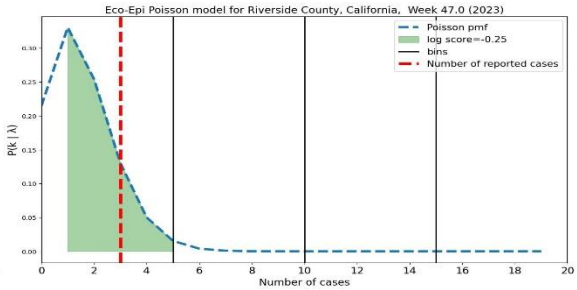


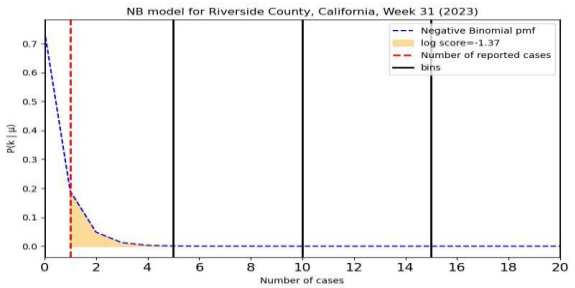


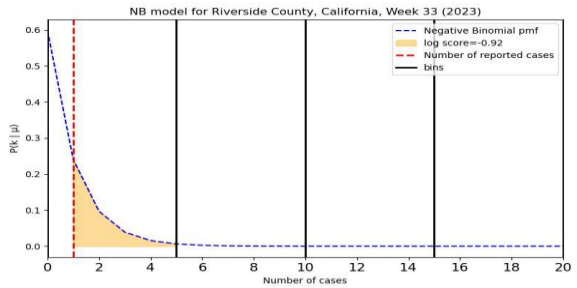

Eco-Epi Poisson model for Riverside County, California, Week 40.0 (2023)
Poisson pmf
log score=-0.15
bins
Number of reported cases
P(k | λ)
Number of cases

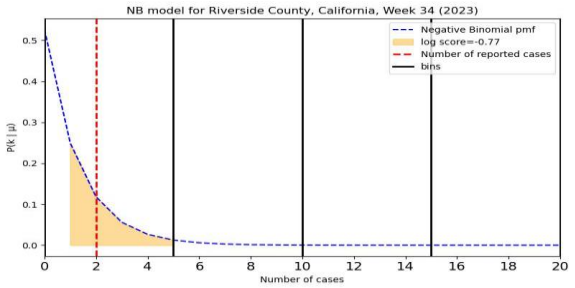

Eco-Epi Poisson model for Riverside County, California, Week 44.0 (2023)
Poisson pmf
log score=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

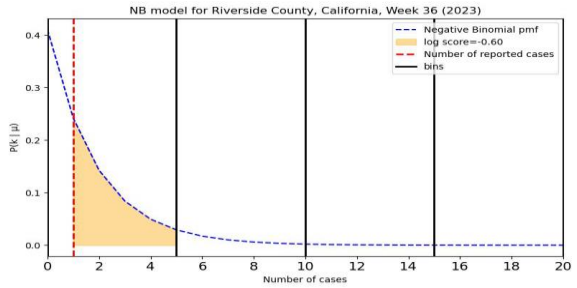

Eco-Epi Poisson model for Riverside County, California, Week 45.0 (2023)
Poisson pmf
log score=-0.17
bins
Number of reported cases
P(k | λ)
Number of cases

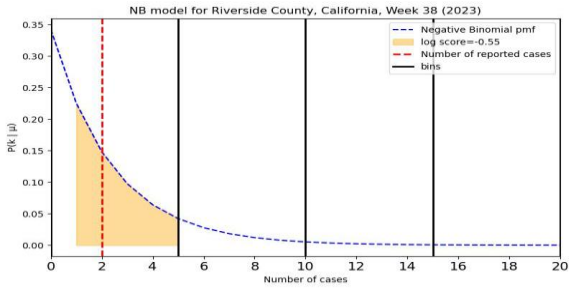

Eco-Epi Poisson model for Riverside County, California, Week 47.0 (2023)
Poisson pmf
log score=-0.25
bins
Number of reported cases
P(k | λ)
Number of cases

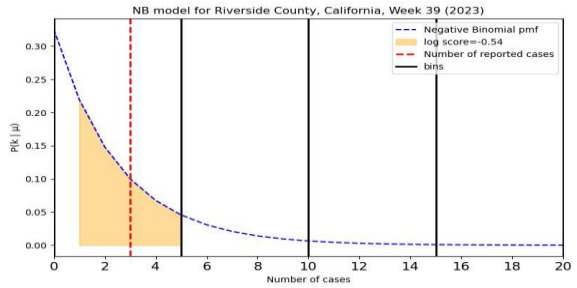

NB model for Riverside County, California, Week 31 (2023)
Negative Binomial pmf
log score=-1.37
Number of reported cases
bins
P(k | μ)
Number of cases

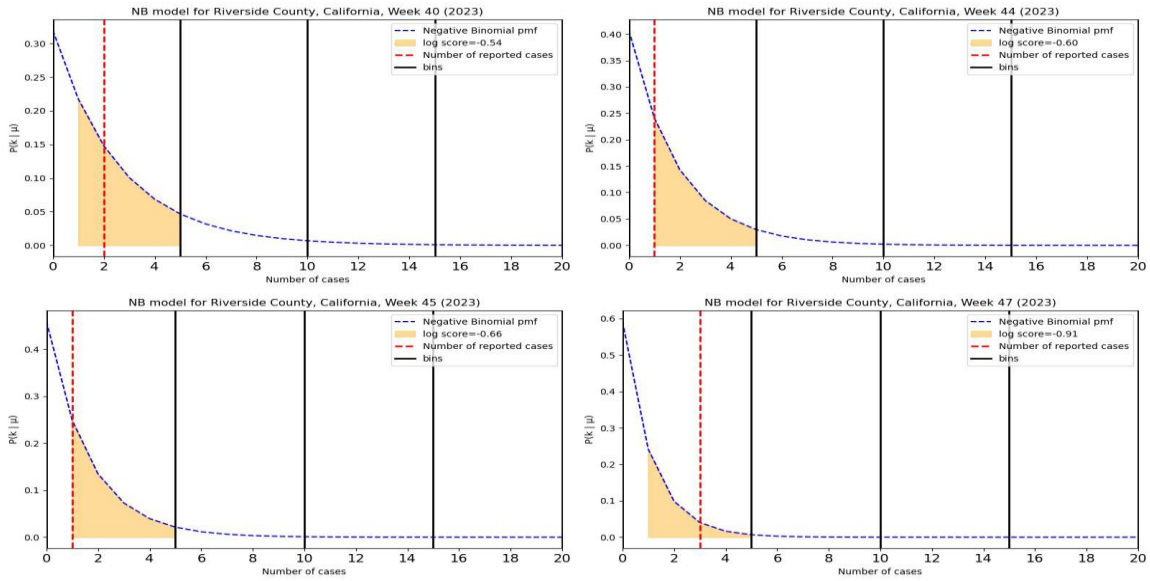

NB model for Riverside County, California, Week 33 (2023)
Negative Binomial pmf
log score=-0.92
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Riverside County, California, Week 34 (2023)
Negative Binomial pmf
log score=-0.77
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Riverside County, California, Week 36 (2023)
Negative Binomial pmf
log score=-0.60
Number of reported cases
bins
P(k | μ)
Number of cases

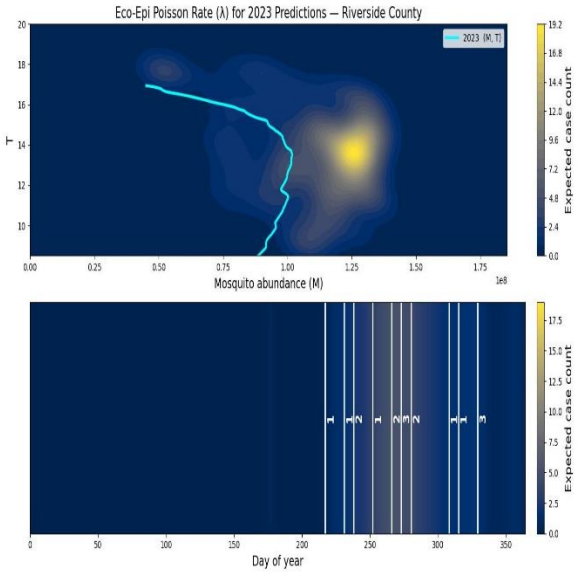

NB model for Riverside County, California, Week 38 (2023)
Negative Binomial pmf
log score=-0.55
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Riverside County, California, Week 39 (2023)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases



1.2.3.4 Temporal risk map for Riverside County-retrospective forecast 2023.

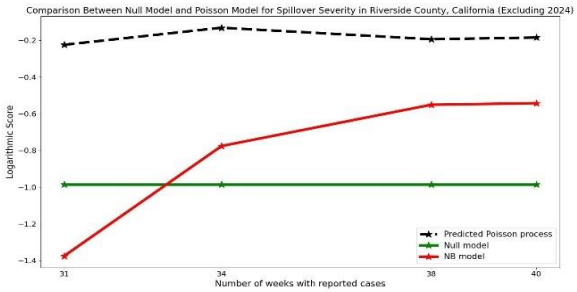
For the following risk map, we have used data 2006-2021 to establish the Poisson model and used that to forecast the severity of the risk for 2023.

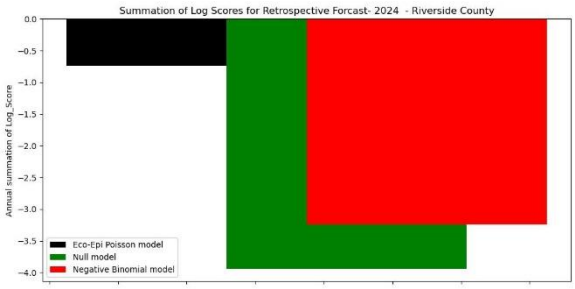


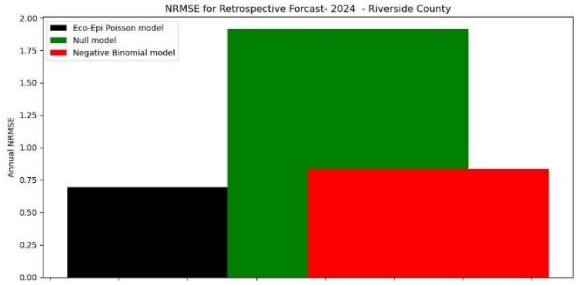
1.2.3.5 Logarithmic score plots for Riverside County, 2024

This section presents plot of the predicted Poisson distribution generated from the retrospective forecast for spillover severity prediction for 2024 at time points with reported cases. The area under the curve corresponding to the bin containing the observed value is shaded in green. As described in the manuscript, the logarithm of this bin probability serves as the logarithmic score.

1.2.3.6 Comparison of null baseline, NB and Poisson model for Riverside County, 2024

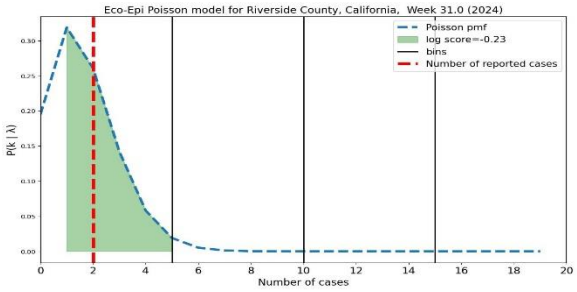


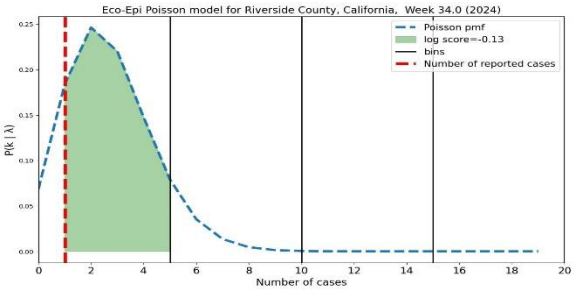


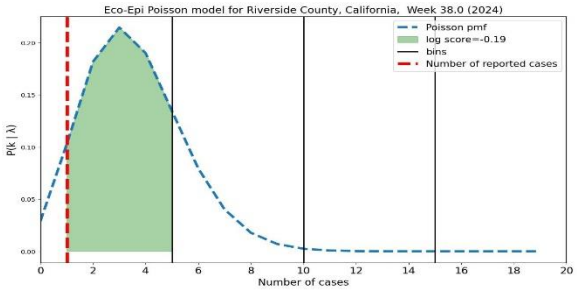


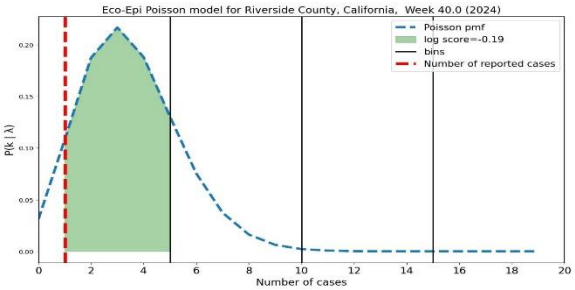
1.2.3.7 Predicted Poisson and NB pmf and logarithmic score for Riverside County, 2024

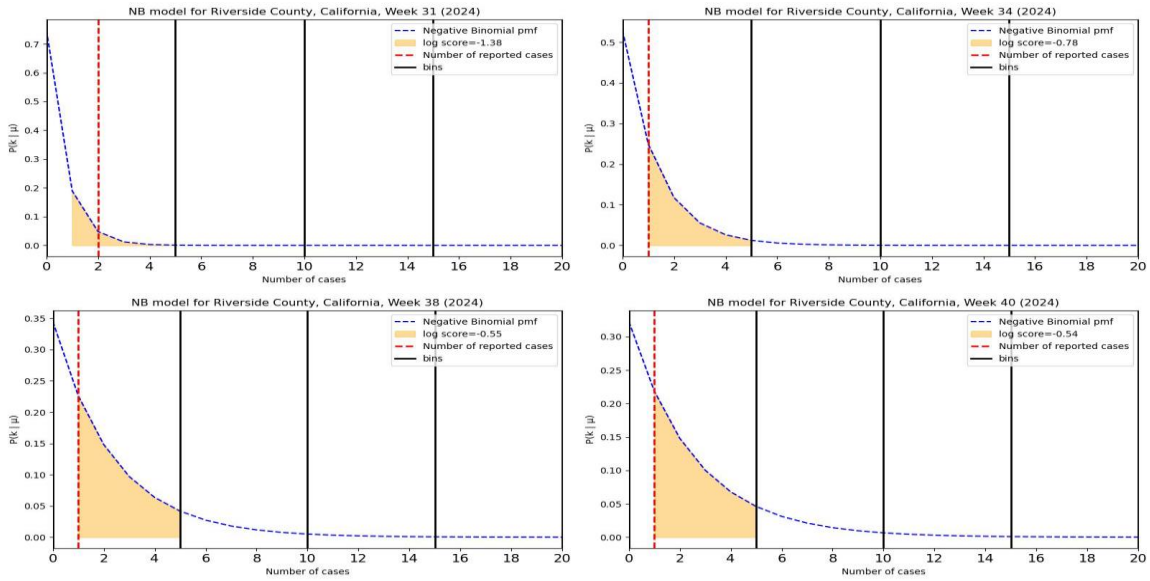
We have used the data (2006-2023) to predict the result for 2024.





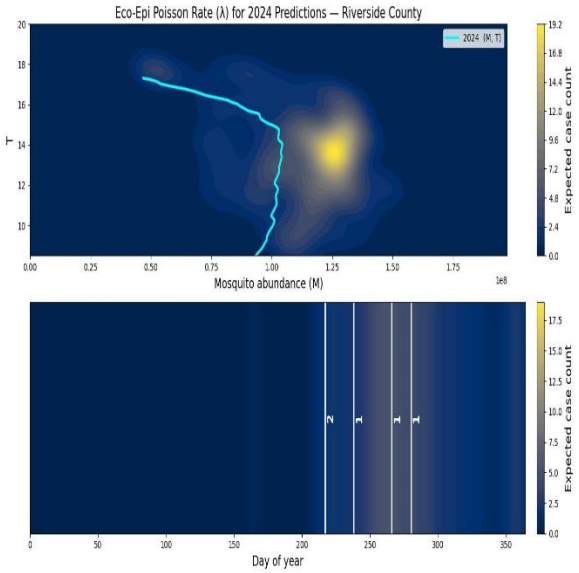






1.2.3.8 Temporal risk map for Riverside County-retrospective forecast 2024.

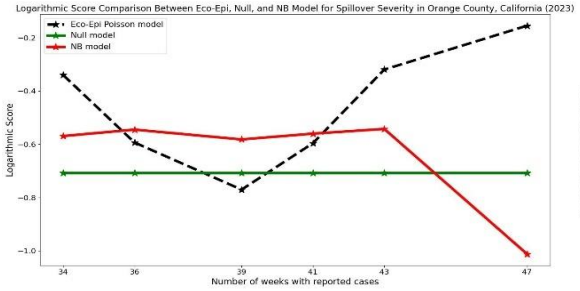
For the following risk map, we have used data 2006-2023 to establish the Poisson model and used that to forecast the severity of the risk for 2024.

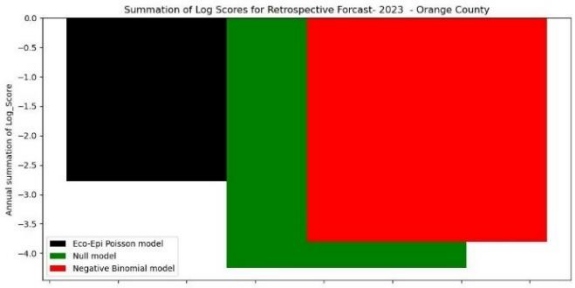


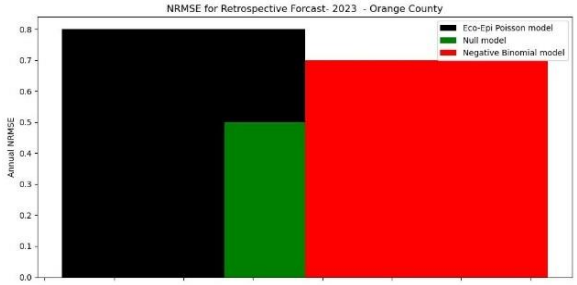
1.2.3.9 Logarithmic score plots for Orange County, 2023

This section presents plot of the predicted Poisson distribution generated from the retrospective forecast for spillover severity prediction for 2023 at time points with reported cases in Orange County, California. The area under the curve corresponding to the bin containing the observed value is shaded in green. As described in the manuscript, the logarithm of this bin probability serves as the logarithmic score.

1.2.3.10 Comparison of null model and Poisson model for Orange County, 2023

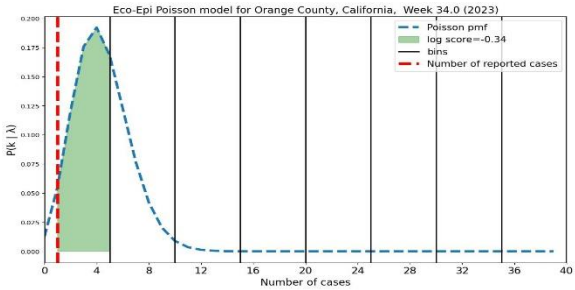


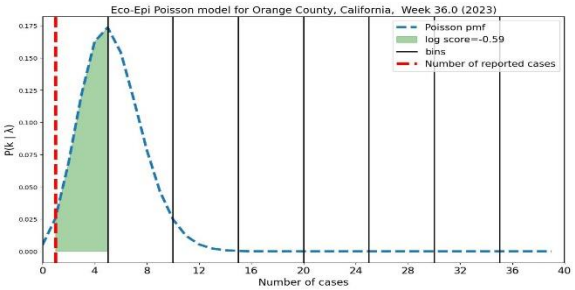


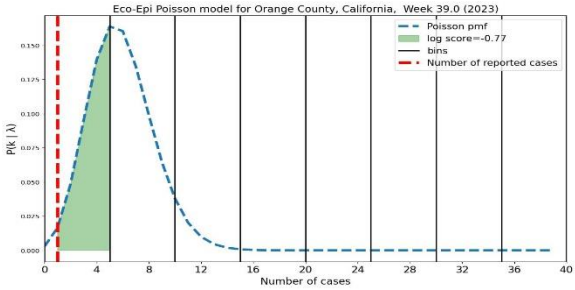


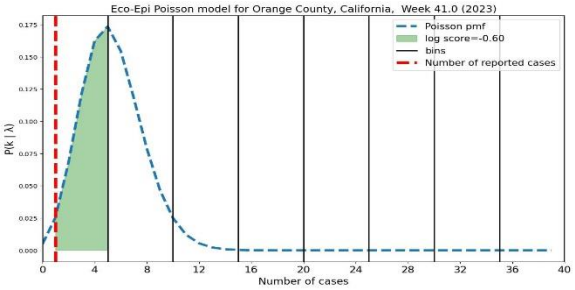
1.2.3.11 Predicted Poisson and NB pmf and logarithmic score for Orange County, 2023

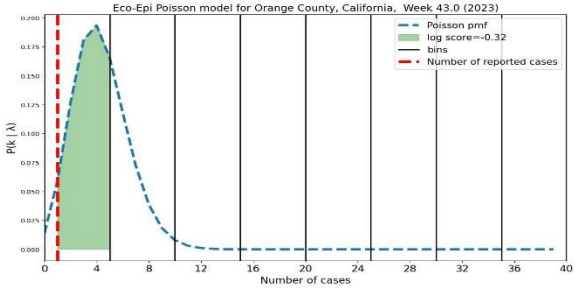
We have used the data (2006-2022) to predict the result for 2023.

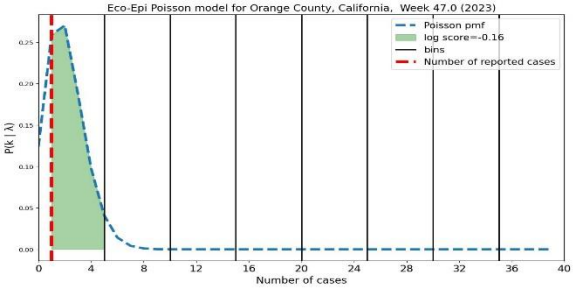


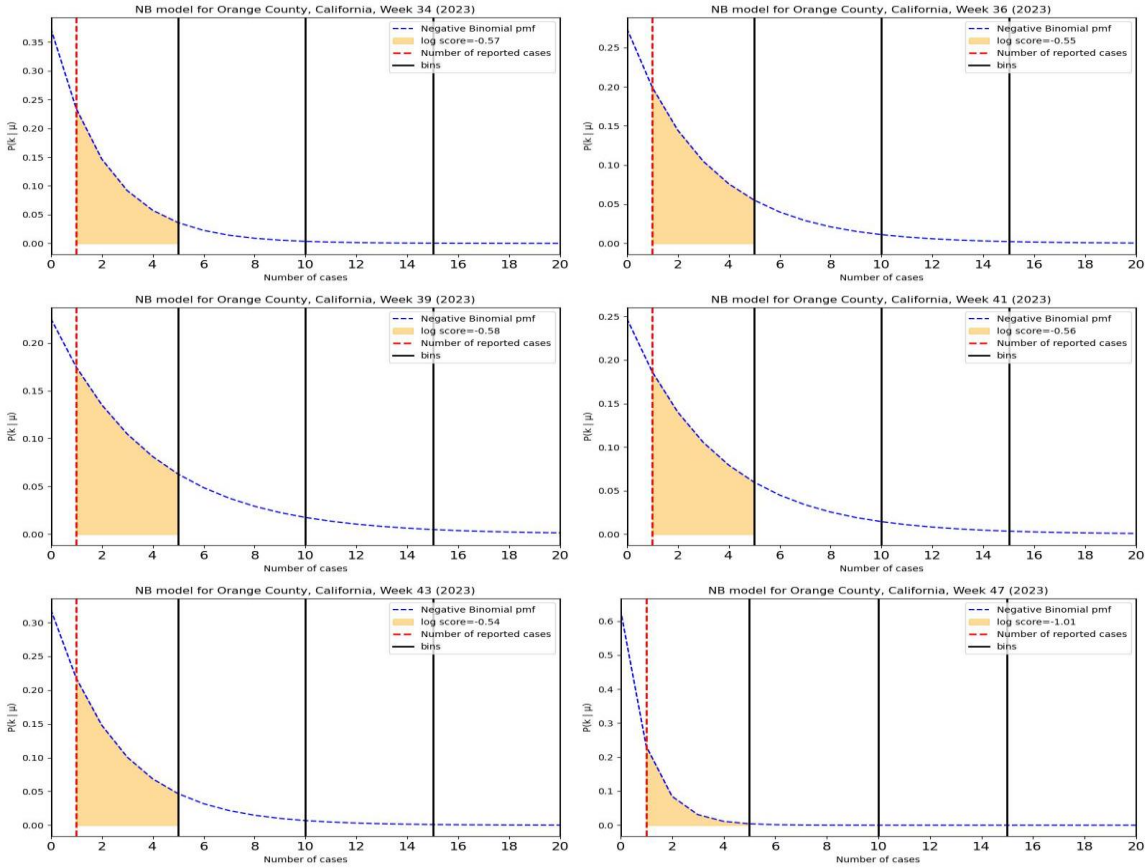






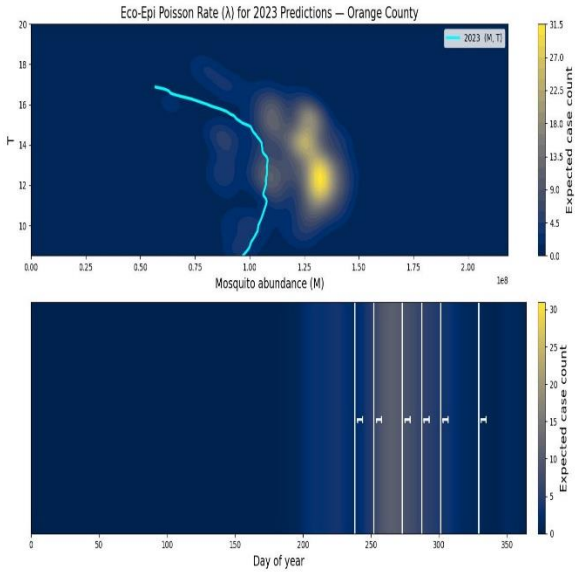






1.2.3.12 Temporal risk map for Orange County-retrospective forecast 2023.

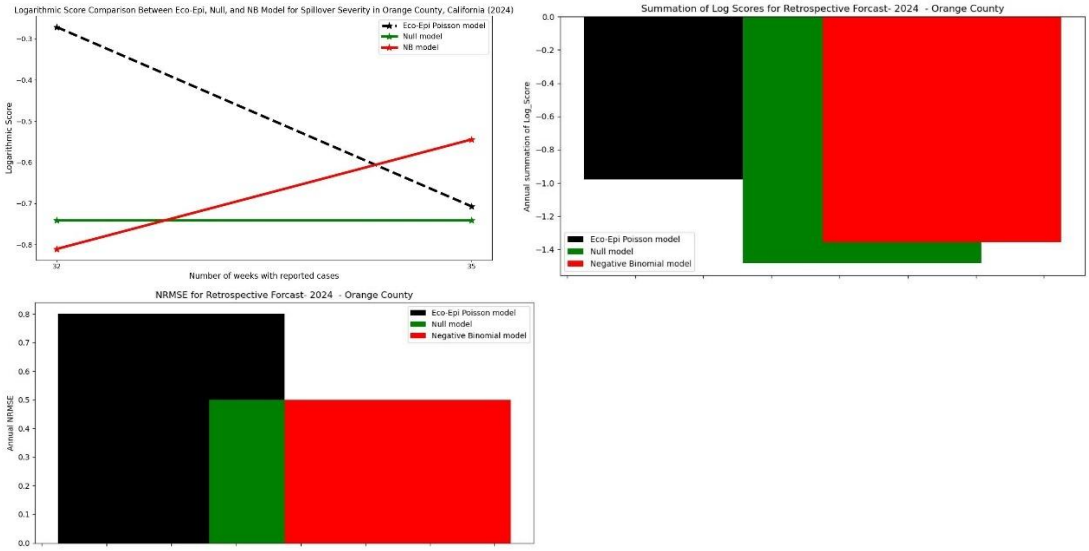
For the following risk map, we have used data 2006-2022 to establish the Poisson model and used that to forecast the severity of the risk for 2023.



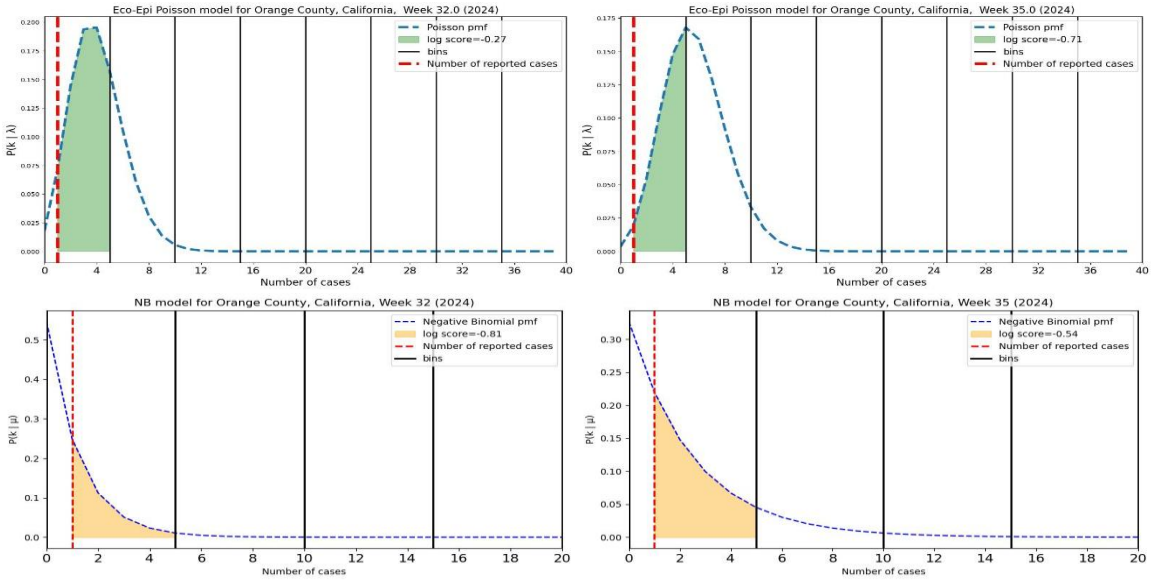
1.2.3.13 Logarithmic score plots for Orange County, 2024

This section presents plot of the predicted Poisson distribution generated from the retrospective forecast for spillover severity prediction for 2024 at time points with reported cases in Orange County, California. The area under the curve corresponding to the bin containing the observed value is shaded in green. As described in the manuscript, the logarithm of this bin probability serves as the logarithmic score.

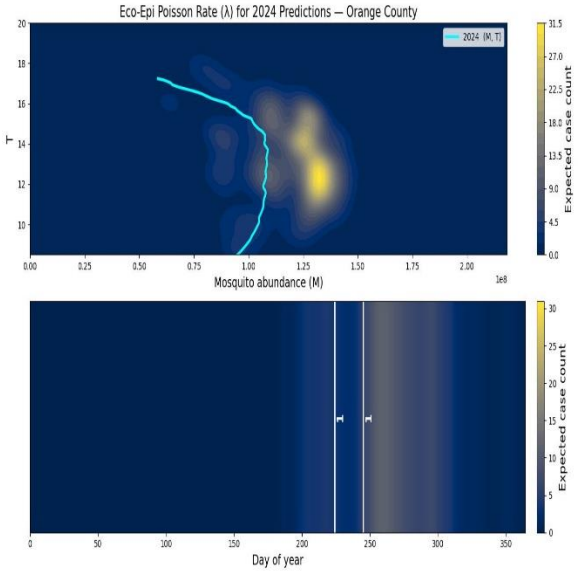
1.2.3.14 Comparison of null model and Poisson model for Orange County, 2024



1.2.3.15 Predicted Poisson and NB pmf and logarithmic score for Orange County, 2024



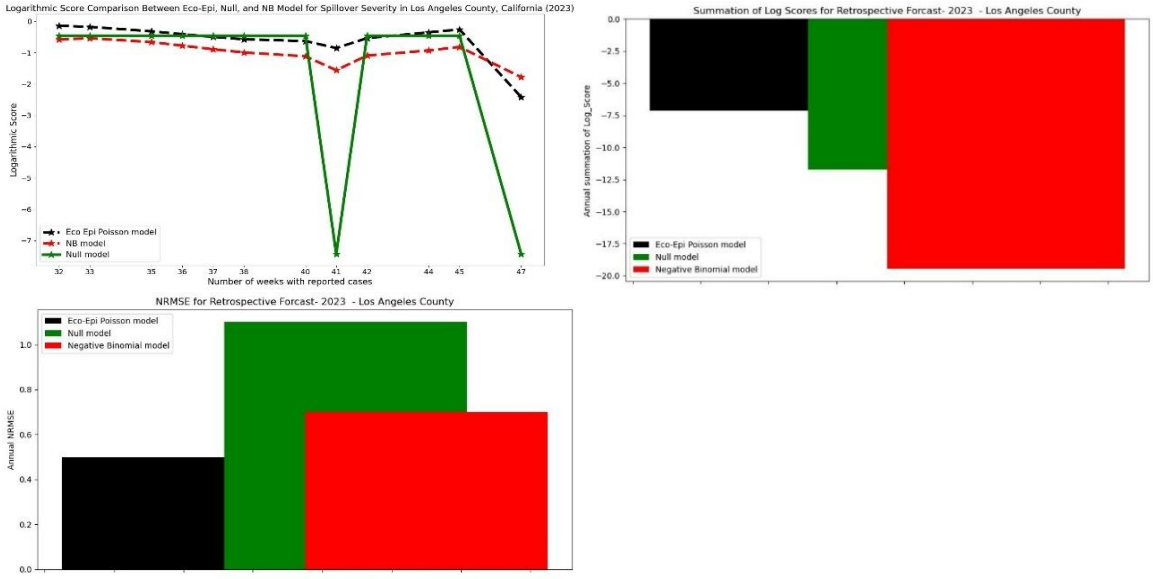
1.2.3.16 Temporal risk map for Orange County-retrospective forecast 2024



1.2.3.17 Logarithmic score plots for Los Angeles, 2023

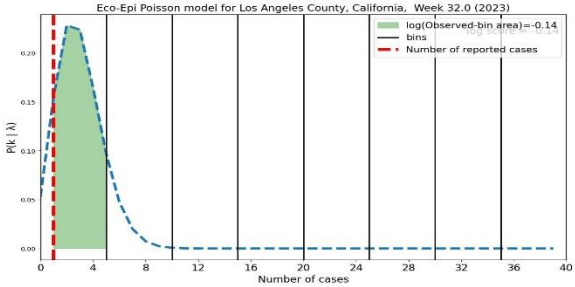
This section presents plot of the predicted Poisson distribution generated from the retrospective forecast for spillover severity prediction for 2023 at time points with reported cases in Los Angeles County, California. The area under the curve corresponding to the bin containing the observed value is shaded in green. As described in the manuscript, the logarithm of this bin probability serves as the logarithmic score.

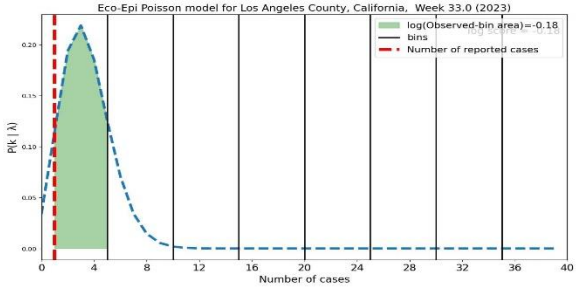
1.2.3.18 Comparison of null baseline, Nb, and Poisson model for Los Angeles County, 2023

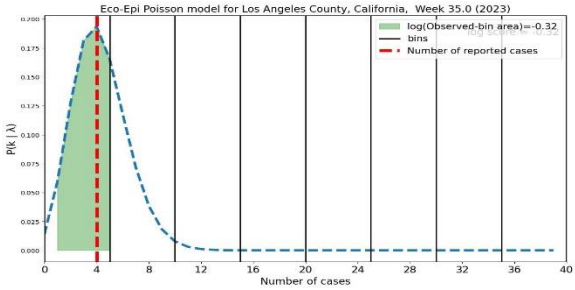


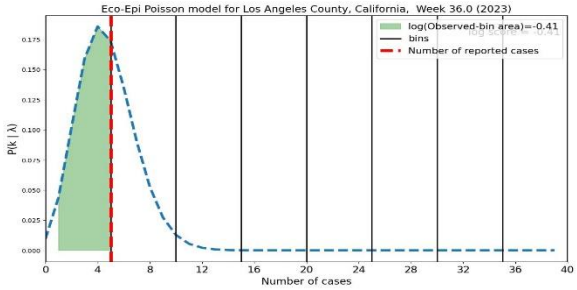
1.2.3.19 Predicted Poisson and NB pmf and logarithmic score for Los Angeles County, 2023

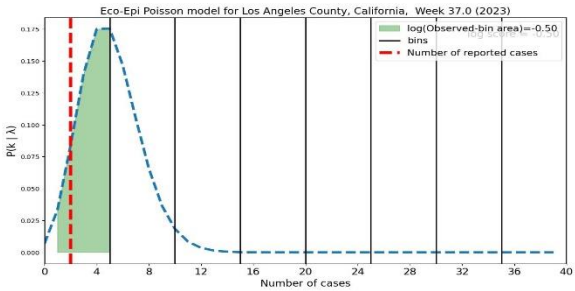
We have used the data (2006-2022) to predict the result for 2023.

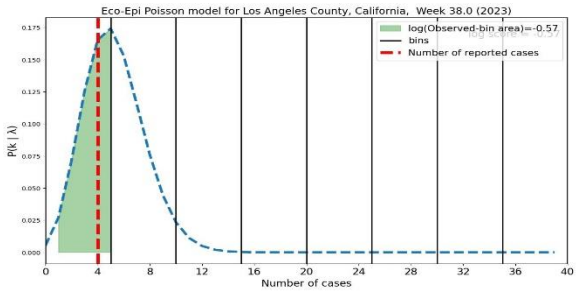

Eco-Epi Poisson model for Los Angeles County, California, Week 32.0 (2023)
log(Observed-bin area)=-0.14
bins
Number of reported cases
P(k | λ)
Number of cases

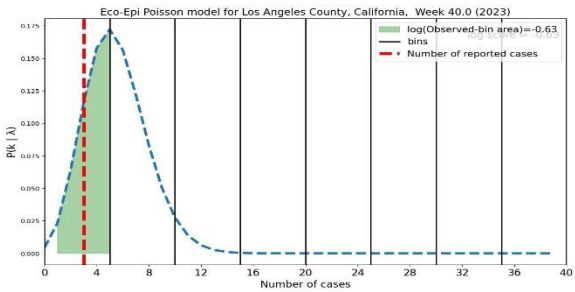

Eco-Epi Poisson model for Los Angeles County, California, Week 33.0 (2023)
log(Observed-bin area)=-0.18
bins
Number of reported cases
P(k | λ)
Number of cases

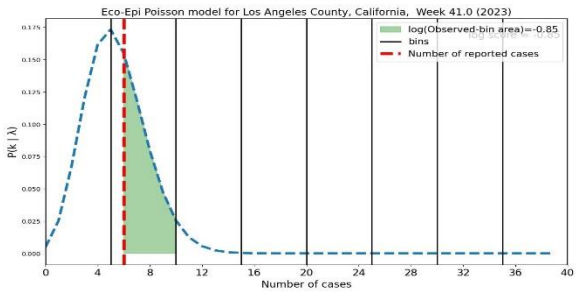

Eco-Epi Poisson model for Los Angeles County, California, Week 35.0 (2023)
log(Observed-bin area)=-0.32
bins
Number of reported cases
P(k | λ)
Number of cases

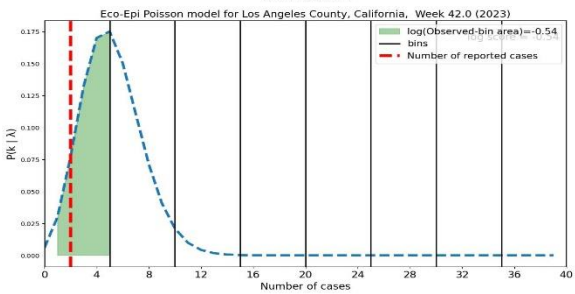

Eco-Epi Poisson model for Los Angeles County, California, Week 36.0 (2023)
log(Observed-bin area)=-0.41
bins
Number of reported cases
P(k | λ)
Number of cases

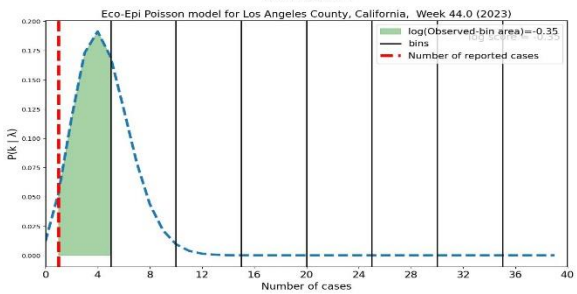

Eco-Epi Poisson model for Los Angeles County, California, Week 37.0 (2023)
log(Observed-bin area)=-0.50
bins
Number of reported cases
P(k | λ)
Number of cases

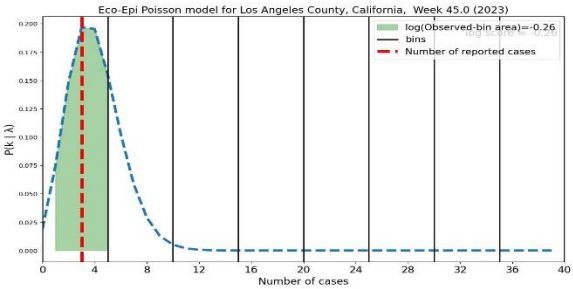

Eco-Epi Poisson model for Los Angeles County, California, Week 38.0 (2023)
log(Observed-bin area)=-0.57
bins
Number of reported cases
P(k | λ)
Number of cases

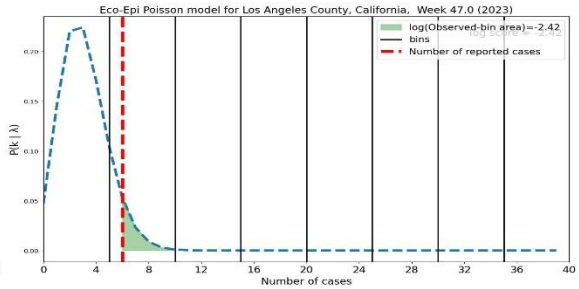

Eco-Epi Poisson model for Los Angeles County, California, Week 40.0 (2023)
log(Observed-bin area)=-0.63
bins
Number of reported cases
P(k | λ)
Number of cases

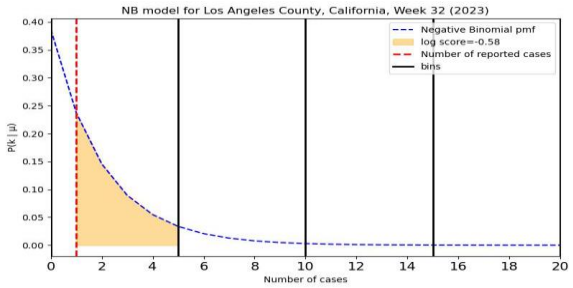

Eco-Epi Poisson model for Los Angeles County, California, Week 41.0 (2023)
log(Observed-bin area)=-0.85
bins
Number of reported cases
P(k | λ)
Number of cases

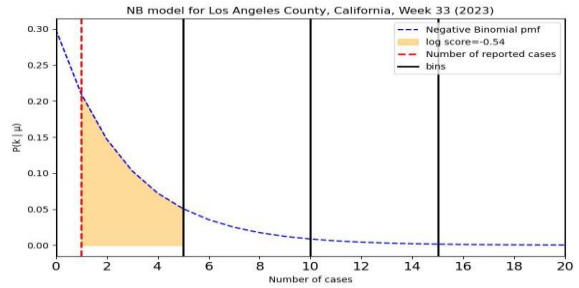

Eco-Epi Poisson model for Los Angeles County, California, Week 42.0 (2023)
log(Observed-bin area)=-0.54
bins
Number of reported cases
P(k | λ)
Number of cases

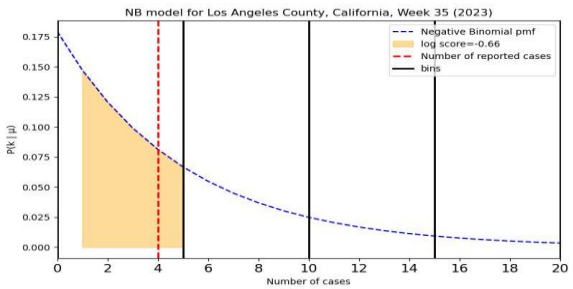

Eco-Epi Poisson model for Los Angeles County, California, Week 44.0 (2023)
log(Observed-bin area)=-0.35
bins
Number of reported cases
P(k | λ)
Number of cases

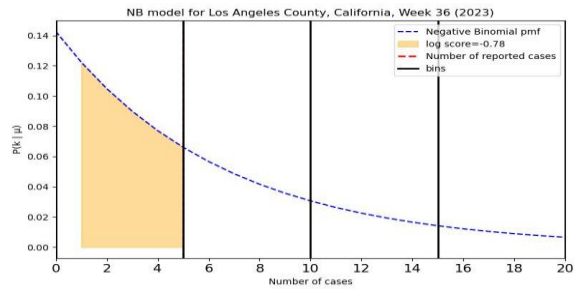

Eco-Epi Poisson model for Los Angeles County, California, Week 45.0 (2023)
log(Observed-bin area)=-0.26
bins
Number of reported cases
P(k | λ)
Number of cases

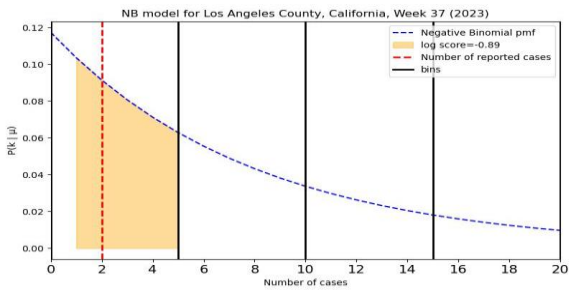

Eco-Epi Poisson model for Los Angeles County, California, Week 47.0 (2023)
log(Observed-bin area)=-2.42
bins
Number of reported cases
P(k | λ)
Number of cases

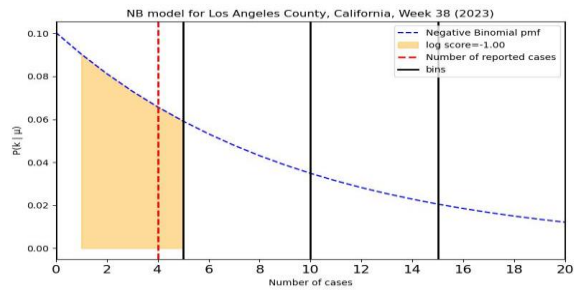

NB model for Los Angeles County, California, Week 32 (2023)
Negative Binomial pmf
log score=-0.58
Number of reported cases
bins
P(k | μ)
Number of cases

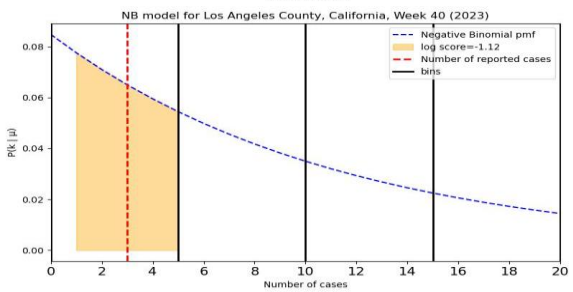

NB model for Los Angeles County, California, Week 33 (2023)
Negative Binomial pmf
log score=-0.54
Number of reported cases
bins
P(k | μ)
Number of cases

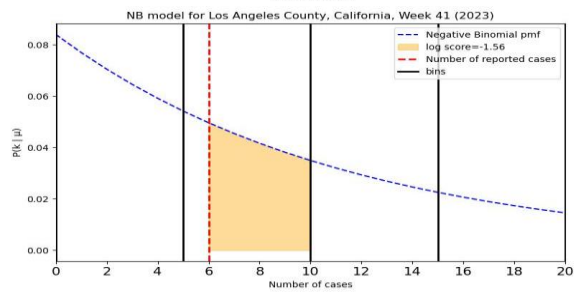

NB model for Los Angeles County, California, Week 35 (2023)
Negative Binomial pmf
log score=-0.66
Number of reported cases
bins
P(k | μ)
Number of cases

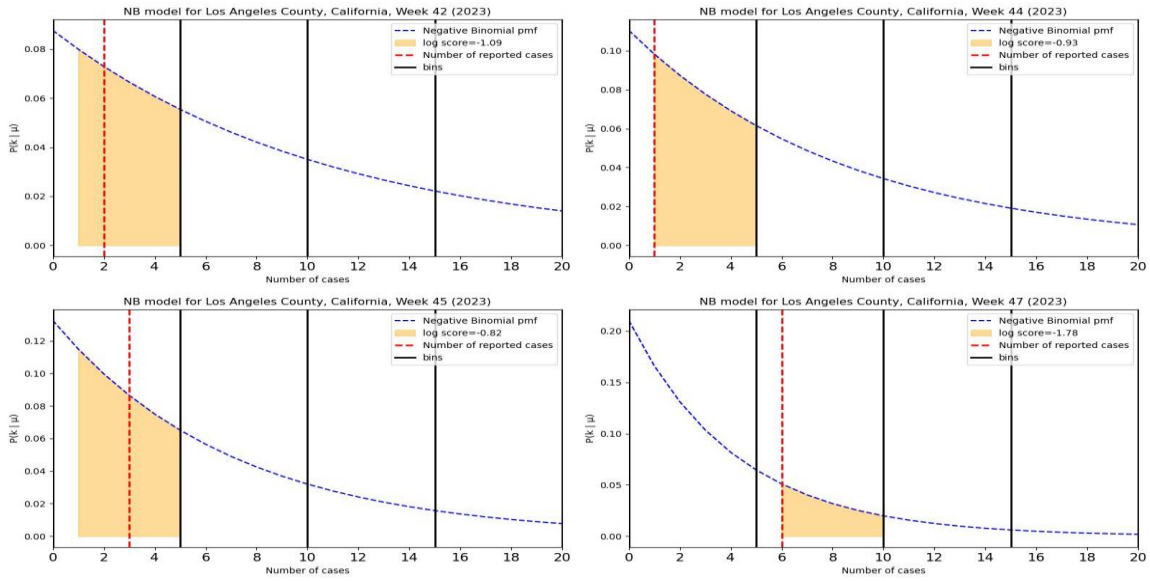

NB model for Los Angeles County, California, Week 36 (2023)
Negative Binomial pmf
log score=-0.78
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Los Angeles County, California, Week 37 (2023)
Negative Binomial pmf
log score=-0.89
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Los Angeles County, California, Week 38 (2023)
Negative Binomial pmf
log score=-1.00
Number of reported cases
bins
P(k | μ)
Number of cases

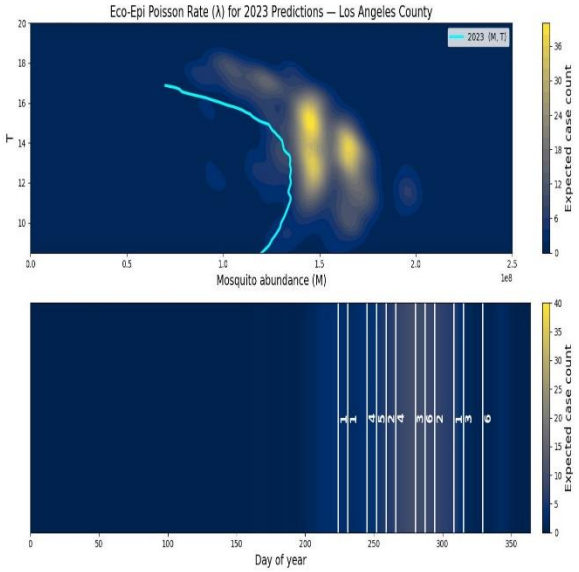

NB model for Los Angeles County, California, Week 40 (2023)
Negative Binomial pmf
log score=-1.12
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Los Angeles County, California, Week 41 (2023)
Negative Binomial pmf
log score=-1.56
Number of reported cases
bins
P(k | μ)
Number of cases



1.2.3.20 Temporal risk map for Los Angeles County-retrospective forecast 2023.

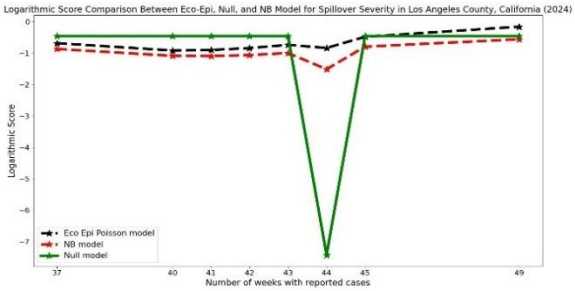
For the following risk map, we have used data 2006-2022 to establish the Poisson model and used that to forecast the severity of the risk for 2023.

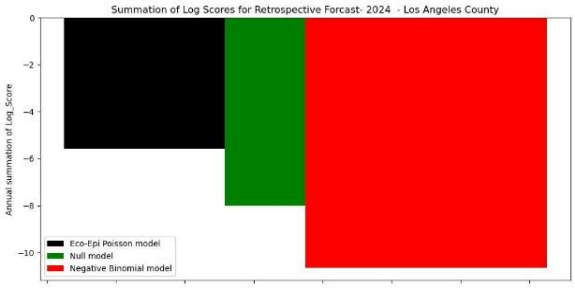


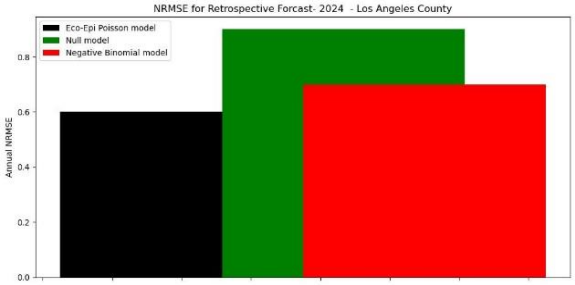
1.2.3.21. Logarithmic score plots for Los Angeles County, 2024

This section presents plot of the predicted Poisson distribution generated from the retrospective forecast for spillover severity prediction for 2024 at time points with reported cases in Los Angeles County, California. The area under the curve corresponding to the bin containing the observed value is shaded in green. As described in the manuscript, the logarithm of this bin probability serves as the logarithmic score.

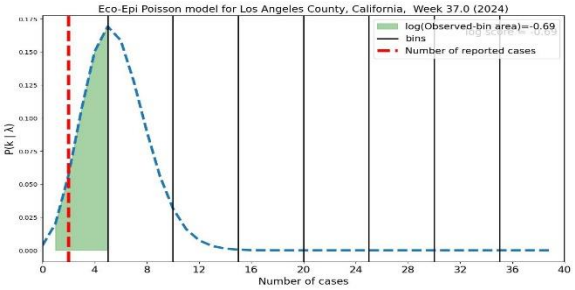
1.2.3.22 Comparison of null model and Poisson model for Los Angeles County, 2024

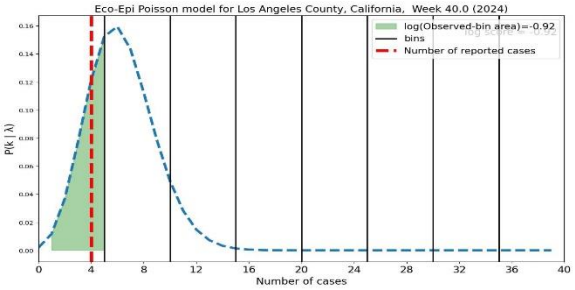


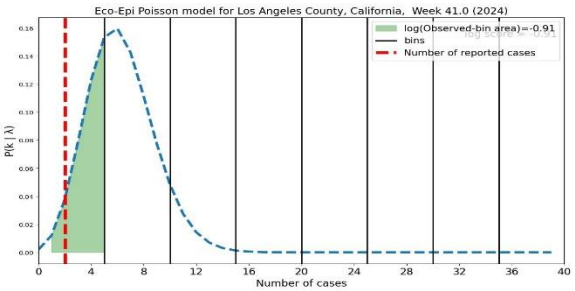


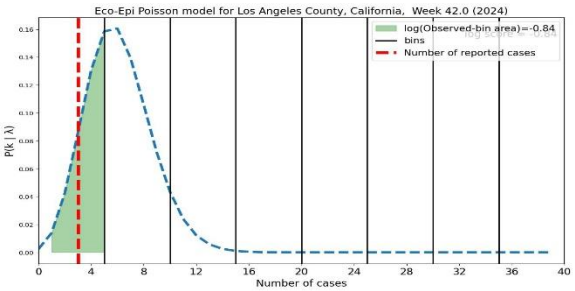


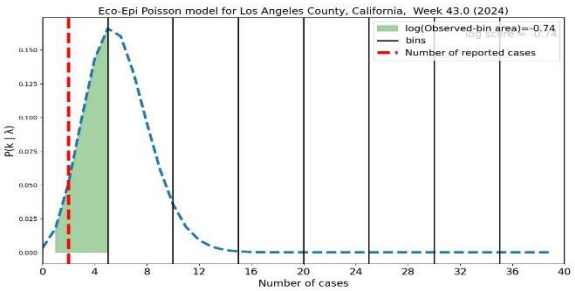
1.2.3.23 Predicted Poisson and NB pmf and logarithmic score for Los Angeles County, 2024

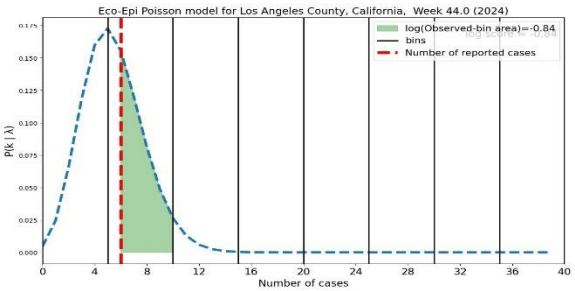


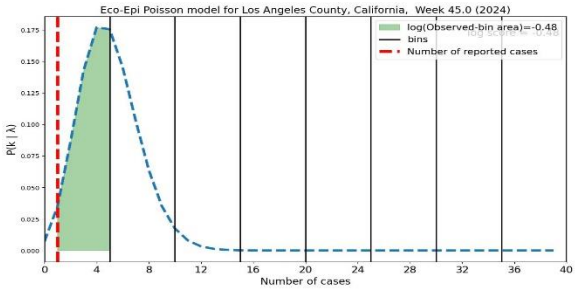


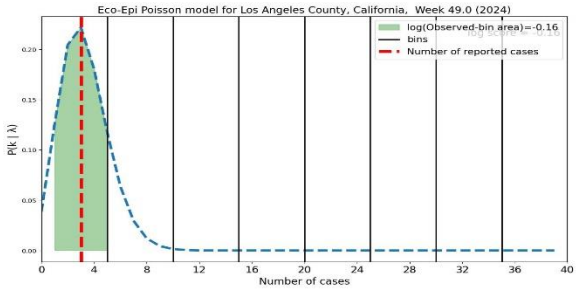


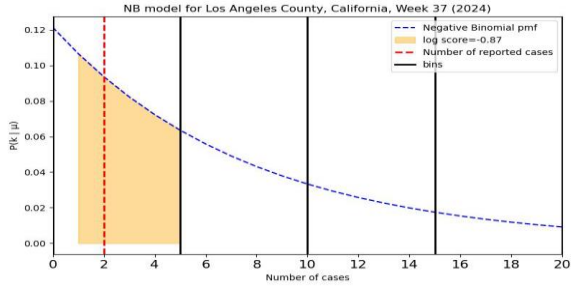


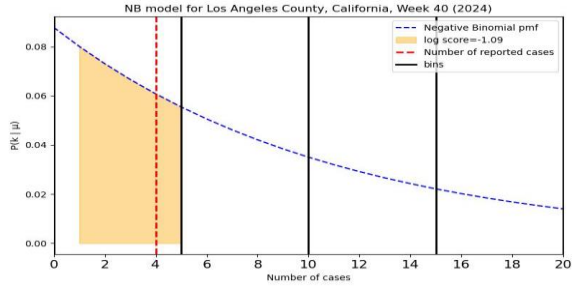


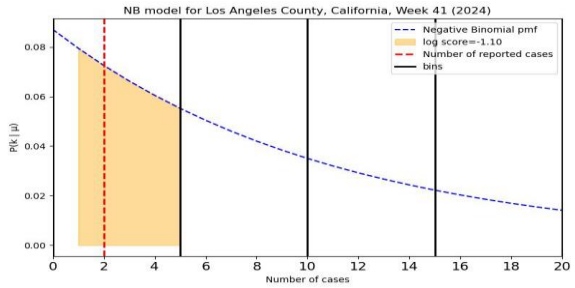


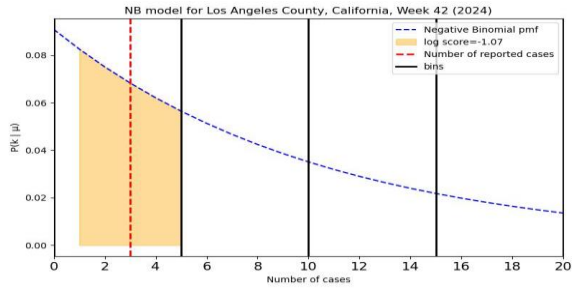

Eco-Epi Poisson model for Los Angeles County, California, Week 45.0 (2024)
log(Observed-bin area)=-0.48
bins
Number of reported cases
P(k | λ)
Number of cases

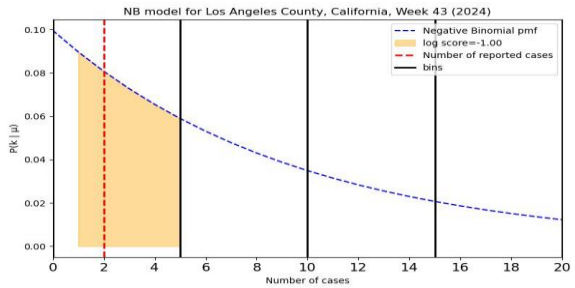

Eco-Epi Poisson model for Los Angeles County, California, Week 49.0 (2024)
log(Observed-bin area)=-0.16
bins
Number of reported cases
P(k | λ)
Number of cases

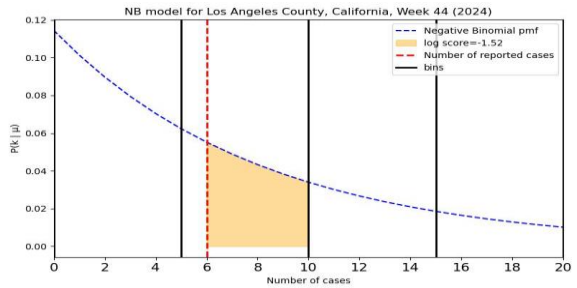

NB model for Los Angeles County, California, Week 37 (2024)
Negative Binomial pmf
log score=-0.87
Number of reported cases
bins
P(k | μ)
Number of cases

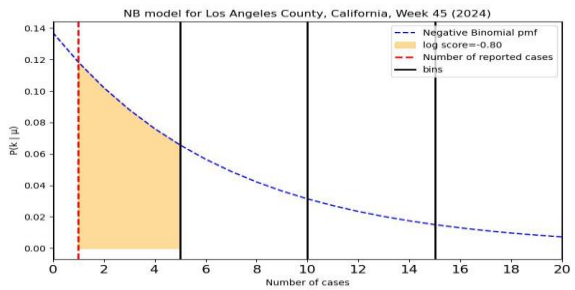

NB model for Los Angeles County, California, Week 40 (2024)
Negative Binomial pmf
log score=-1.09
Number of reported cases
bins
P(k | μ)
Number of cases

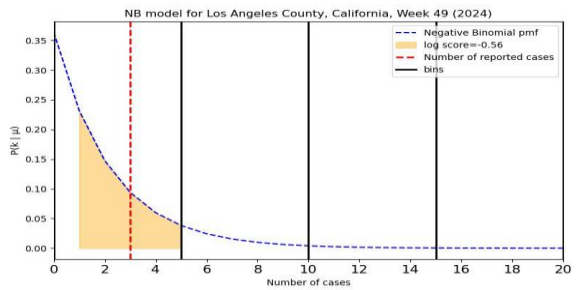

NB model for Los Angeles County, California, Week 41 (2024)
Negative Binomial pmf
log score=-1.10
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Los Angeles County, California, Week 42 (2024)
Negative Binomial pmf
log score=-1.07
Number of reported cases
bins
P(k | μ)
Number of cases

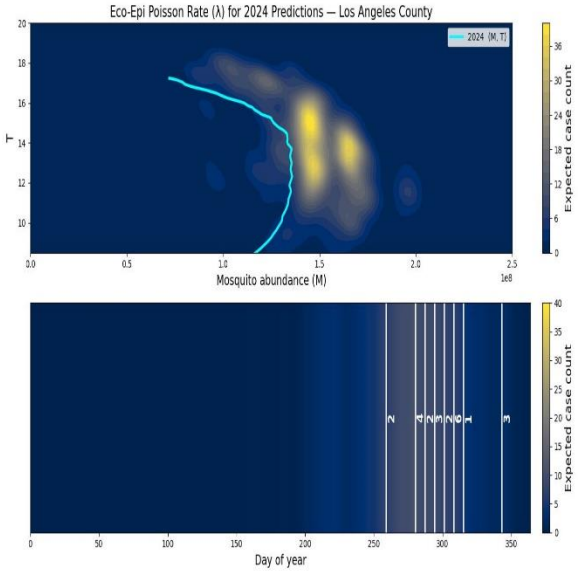

NB model for Los Angeles County, California, Week 43 (2024)
Negative Binomial pmf
log score=-1.00
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Los Angeles County, California, Week 44 (2024)
Negative Binomial pmf
log score=-1.52
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Los Angeles County, California, Week 45 (2024)
Negative Binomial pmf
log score=-0.80
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Los Angeles County, California, Week 49 (2024)
Negative Binomial pmf
log score=-0.56
Number of reported cases
bins
P(k | μ)
Number of cases

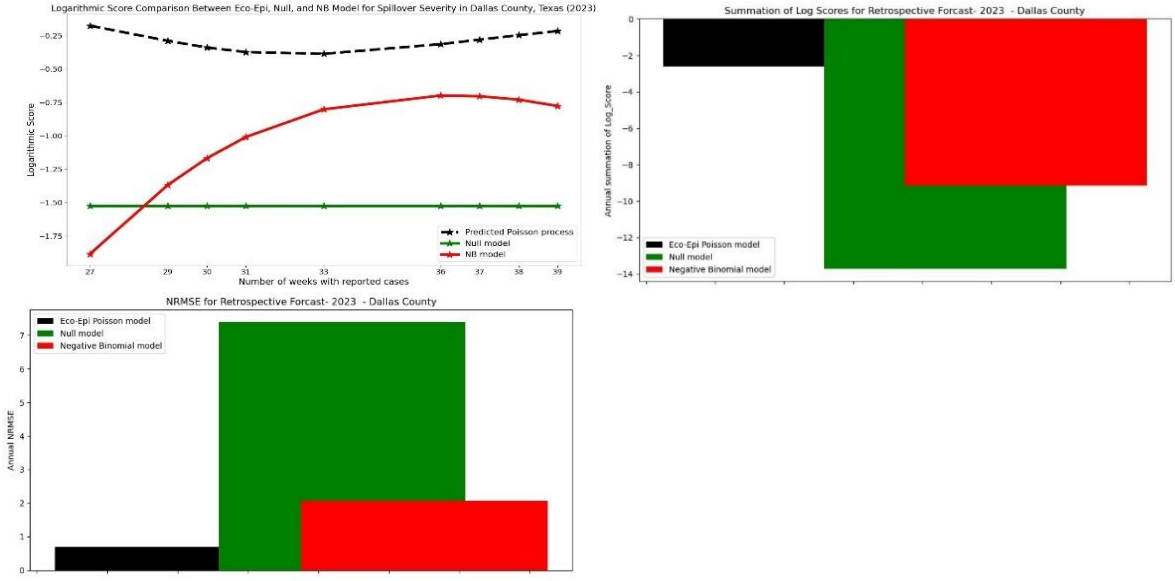
1.2.3.24 Temporal risk map for Los Angeles County-retrospective forecast 2024



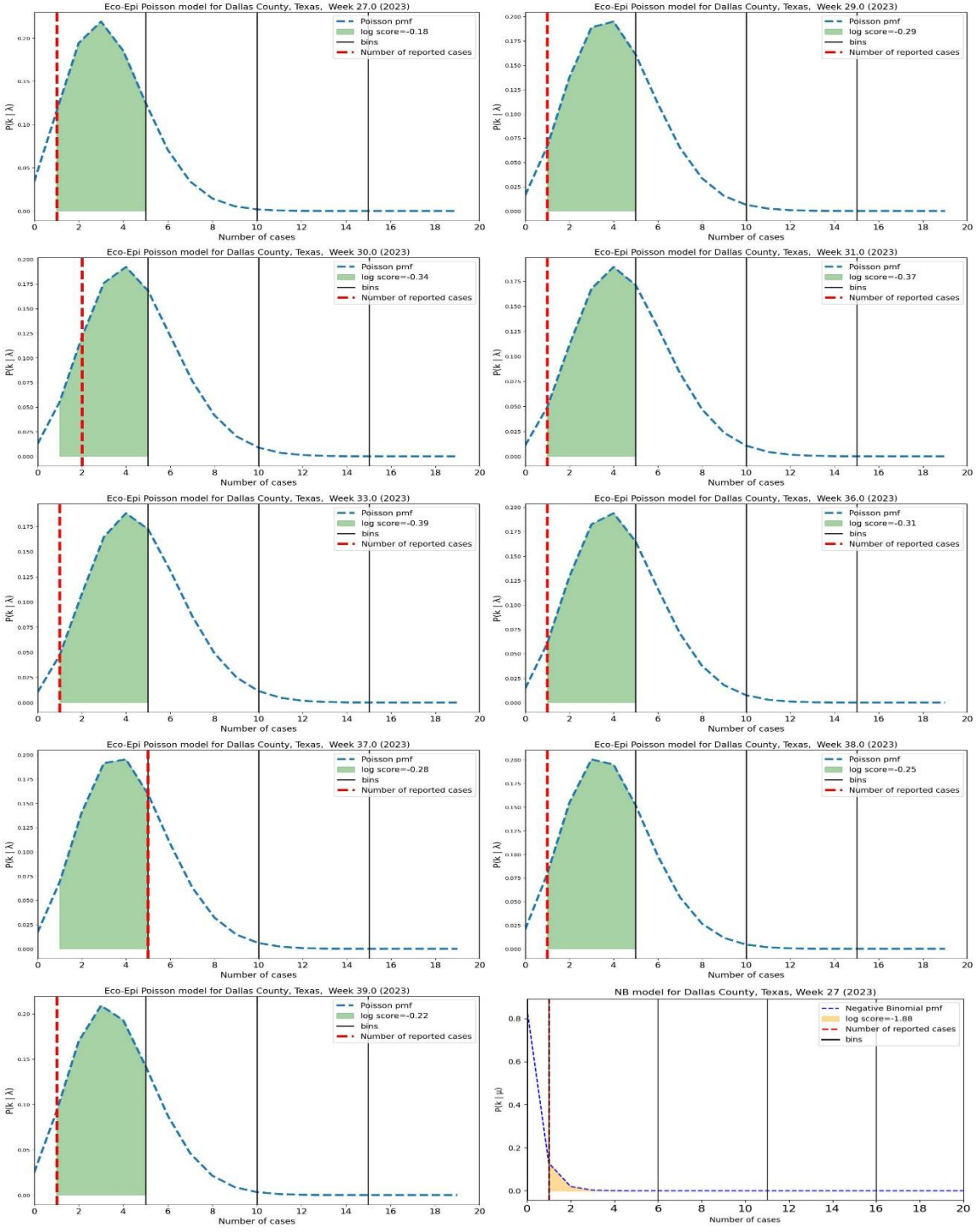
1.2.3.25 Logarithmic score plots for Dallas County, 2023

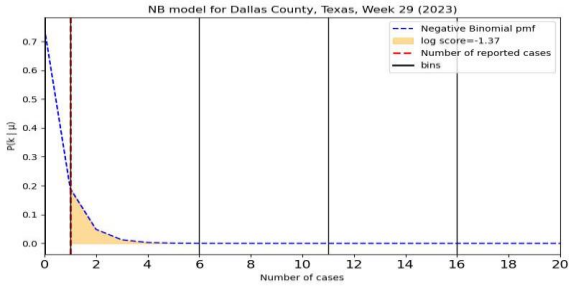
This section presents plot of the predicted Poisson distribution generated from the retrospective forecast for spillover severity prediction for 2024 at time points with reported cases in Dallas County, California. The area under the curve corresponding to the bin containing the observed value is shaded in green. As described in the manuscript, the logarithm of this bin probability serves as the logarithmic score.

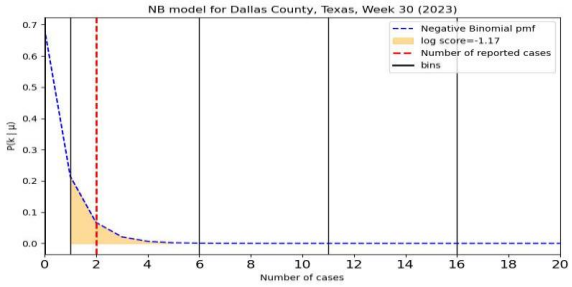
1.2.3.26 Comparison of null baseline, NB, and Poisson model for Dallas County, 2023

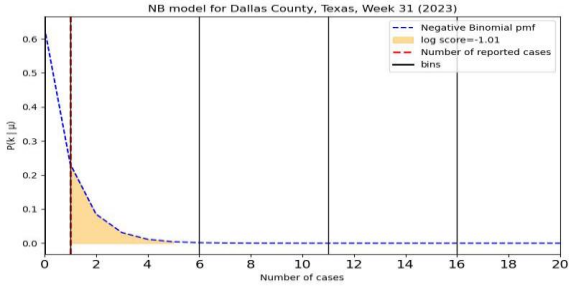


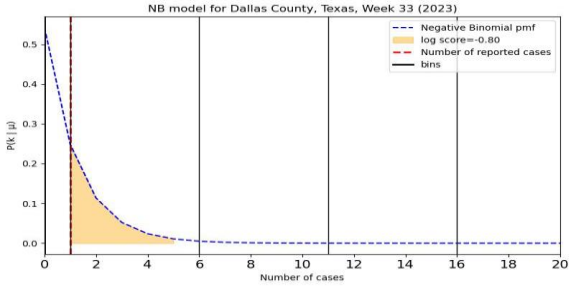
1.2.3.27 Predicted Poisson and NB pmf and logarithmic score for Dallas County, 2023

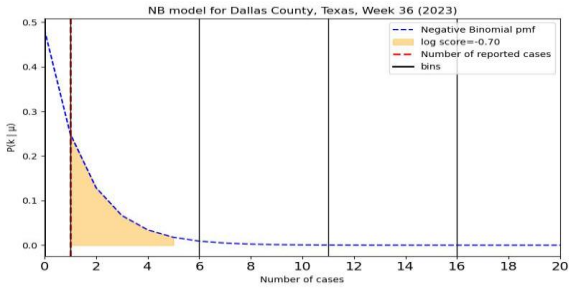


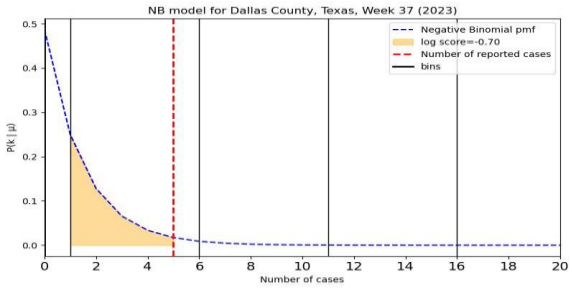

NB model for Dallas County, Texas, Week 29 (2023)
Negative Binomial pmf
log score=-1.37
Number of reported cases
bins
P(k | μ)
Number of cases

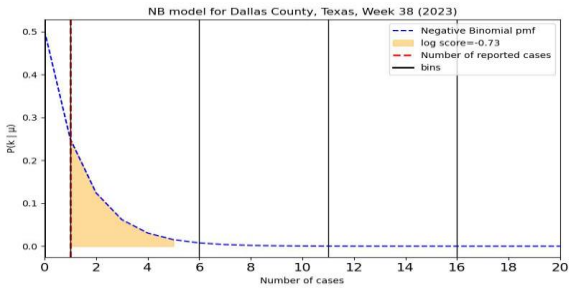

NB model for Dallas County, Texas, Week 30 (2023)
Negative Binomial pmf
log score=-1.17
Number of reported cases
bins
P(k | μ)
Number of cases

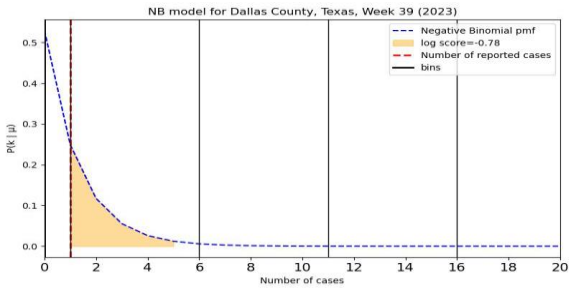

NB model for Dallas County, Texas, Week 31 (2023)
Negative Binomial pmf
log score=-1.01
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Dallas County, Texas, Week 33 (2023)
Negative Binomial pmf
log score=-0.80
Number of reported cases
bins
P(k | μ)
Number of cases

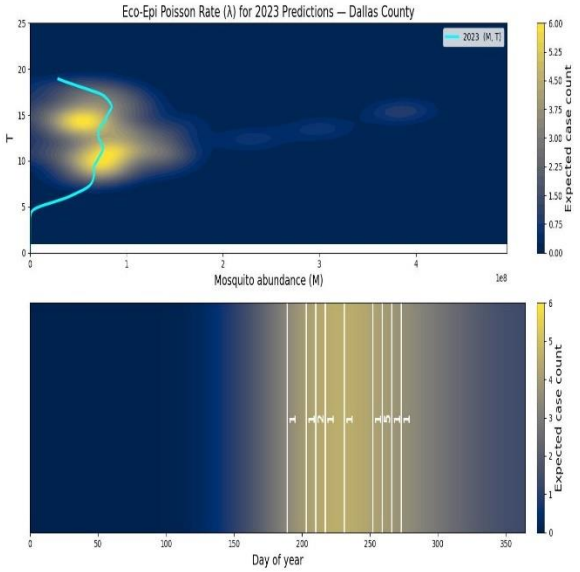

NB model for Dallas County, Texas, Week 36 (2023)
Negative Binomial pmf
log score=-0.70
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Dallas County, Texas, Week 37 (2023)
Negative Binomial pmf
log score=-0.70
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Dallas County, Texas, Week 38 (2023)
Negative Binomial pmf
log score=-0.73
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Dallas County, Texas, Week 39 (2023)
Negative Binomial pmf
log score=-0.78
Number of reported cases
bins
P(k | μ)
Number of cases

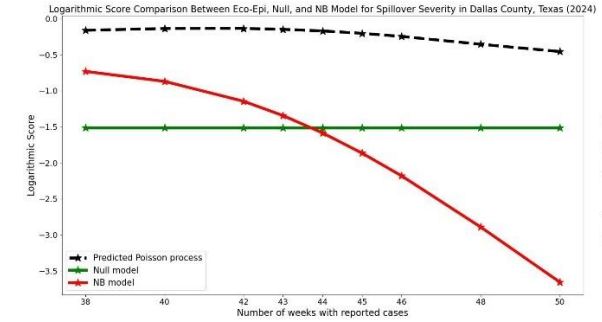
1.2.3.28 Temporal risk map for Dallas County-retrospective forecast 2023

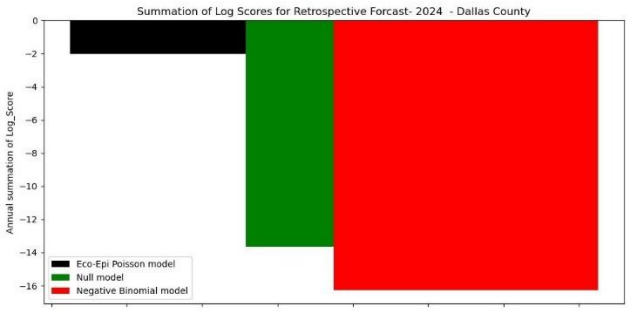


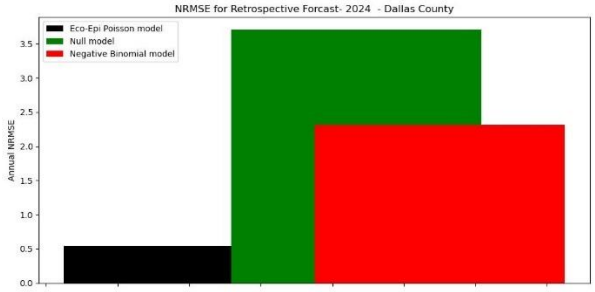
1.2.3.29 Logarithmic score plots for Dallas County, 2024

This section presents plot of the predicted Poisson distribution generated from the retrospective forecast for spillover severity prediction for 2024 at time points with reported cases in Dallas County, California. The area under the curve corresponding to the bin containing the observed value is shaded in green. As described in the manuscript, the logarithm of this bin probability serves as the logarithmic score.

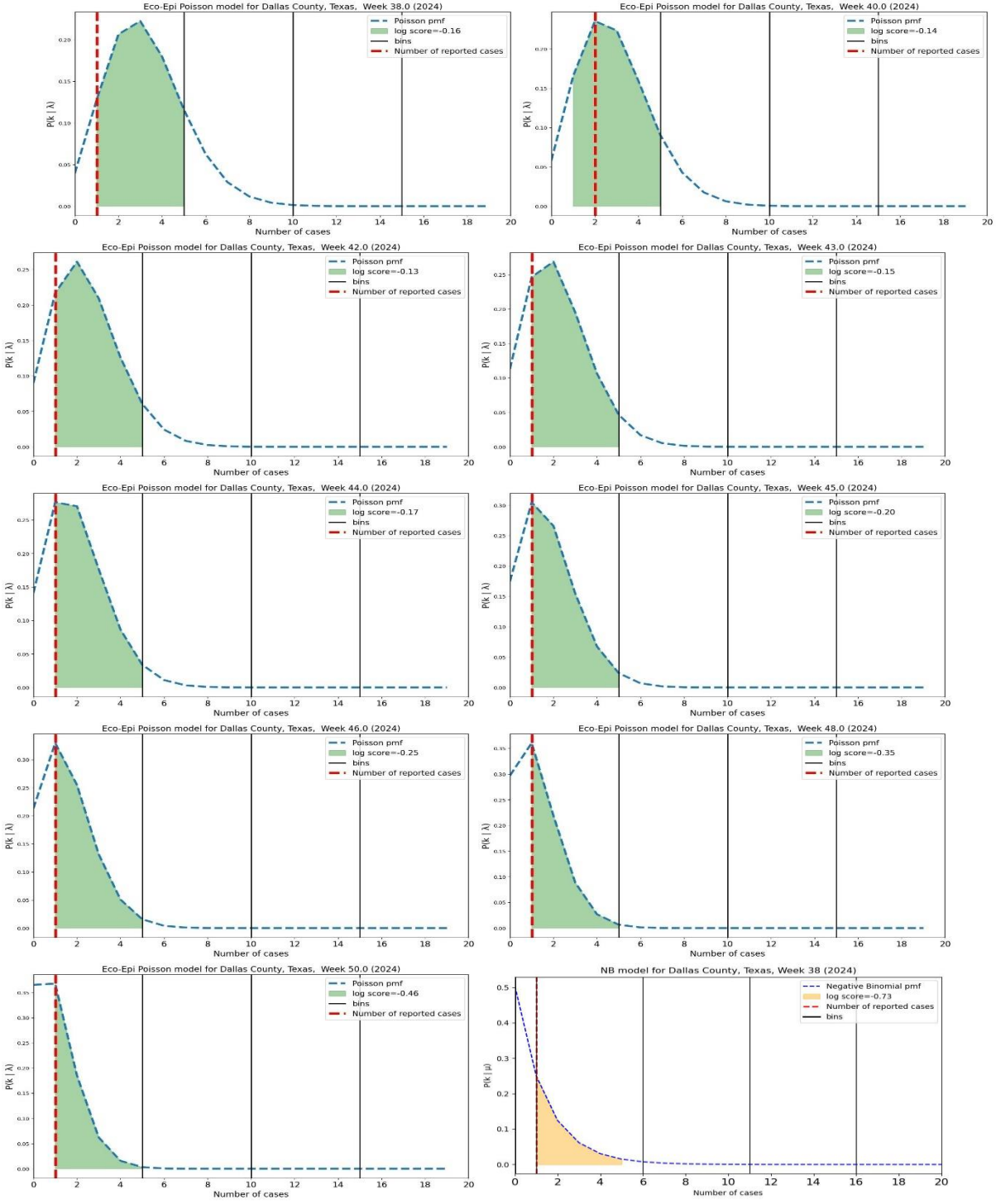
1.2.3.30 Comparison of null baseline, NB, and Poisson model for Dallas County, 2024

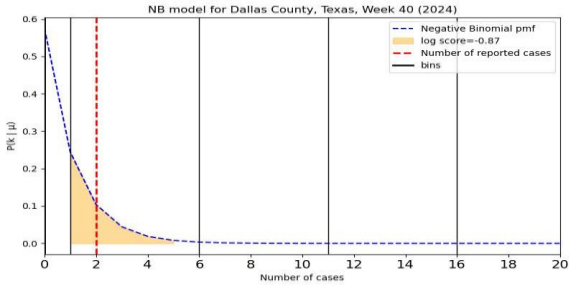


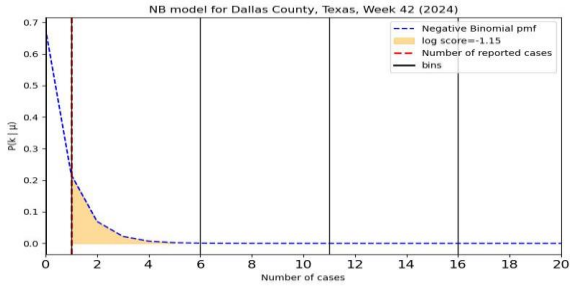


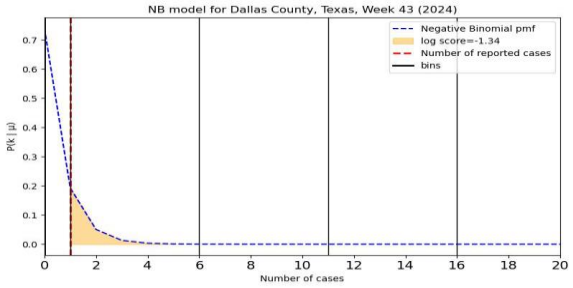


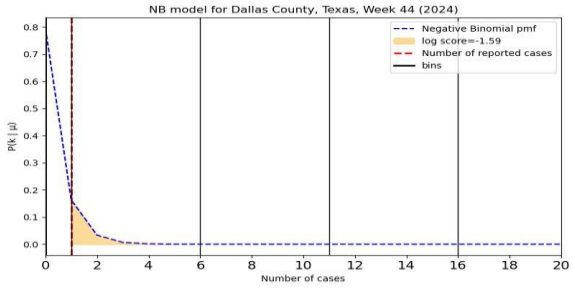
1.2.3.31 Predicted Poisson and NB pmf and logarithmic score for Dallas County, 2024

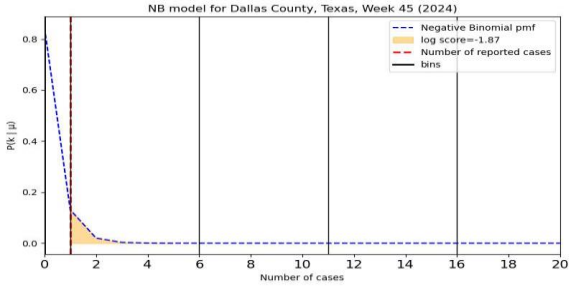


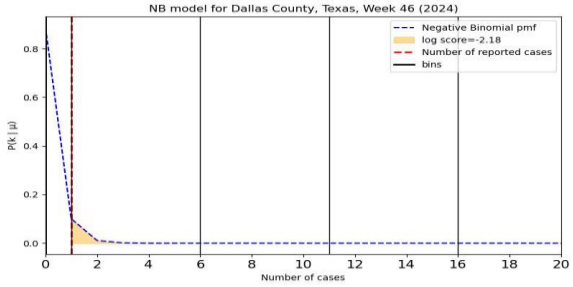

NB model for Dallas County, Texas, Week 40 (2024)
Negative Binomial pmf
log score=-0.87
Number of reported cases
bins
P(k | μ)
Number of cases

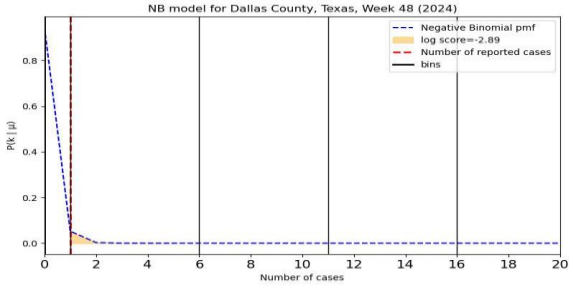

NB model for Dallas County, Texas, Week 42 (2024)
Negative Binomial pmf
log score=-1.15
Number of reported cases
bins
P(k | μ)
Number of cases

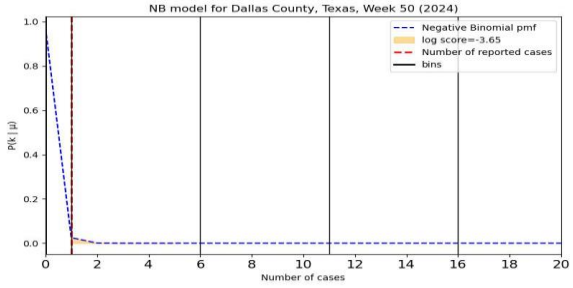

NB model for Dallas County, Texas, Week 43 (2024)
Negative Binomial pmf
log score=-1.34
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Dallas County, Texas, Week 44 (2024)
Negative Binomial pmf
log score=-1.59
Number of reported cases
bins
P(k | μ)
Number of cases

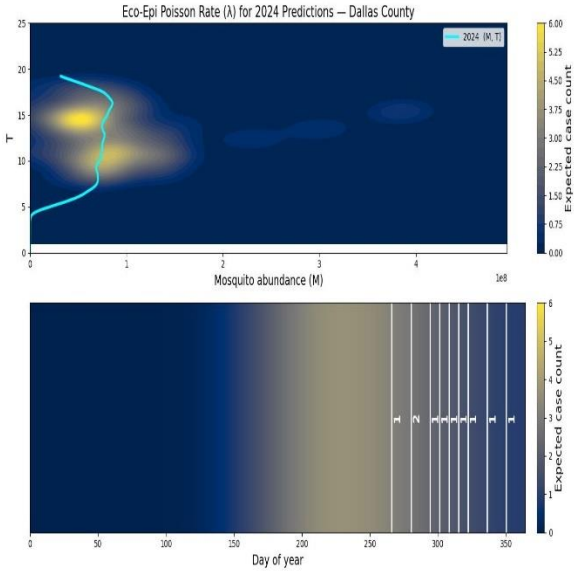

NB model for Dallas County, Texas, Week 45 (2024)
Negative Binomial pmf
log score=-1.87
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Dallas County, Texas, Week 46 (2024)
Negative Binomial pmf
log score=-2.18
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Dallas County, Texas, Week 48 (2024)
Negative Binomial pmf
log score=-2.89
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Dallas County, Texas, Week 50 (2024)
Negative Binomial pmf
log score=-3.65
Number of reported cases
bins
P(k | μ)
Number of cases

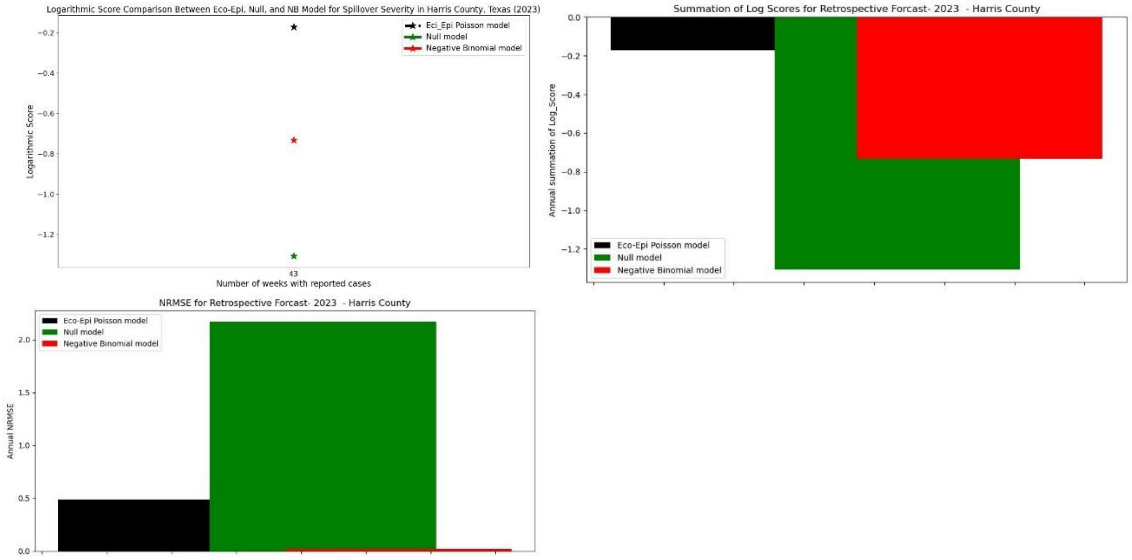
1.2.3.32 Temporal risk map for Dallas County-retrospective forecast 2024



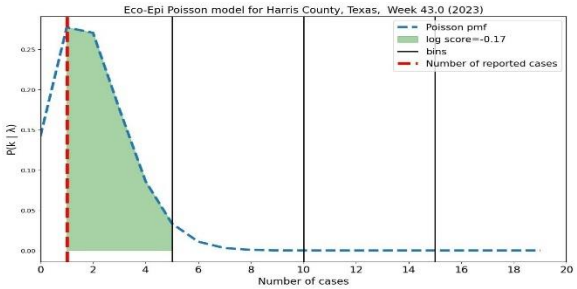
1.2.3.33 Logarithmic score plots for Harris County, 2023

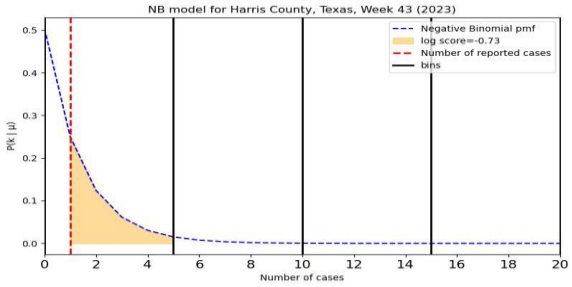
This section presents plot of the predicted Poisson distribution generated from the retrospective forecast for spillover severity prediction for 2023 at time points with reported cases in Harris County, California. The area under the curve corresponding to the bin containing the observed value is shaded in green. As described in the manuscript, the logarithm of this bin probability serves as the logarithmic score.

1.2.3.34 Comparison of null baseline, NB, and Poisson model for Harris County, 2023

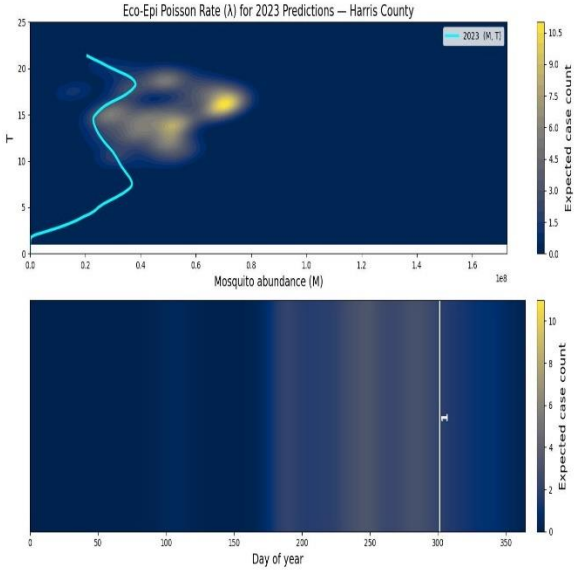


1.2.3.35 Predicted Poisson and NB pmf and logarithmic score for Harris County, 2023





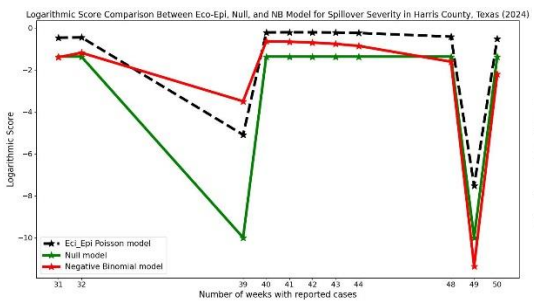
1.2.3.36 Temporal risk map for Harris County-retrospective forecast 2023

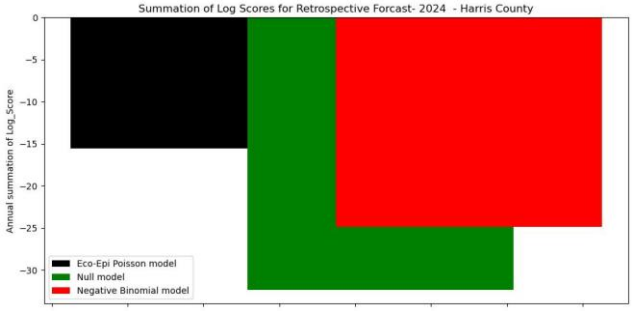


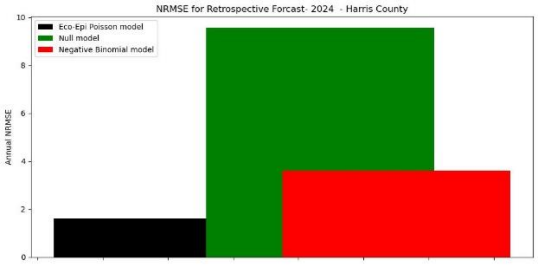
1.2.3.37 Logarithmic score plots for Harris County, 2024

This section presents plot of the predicted Poisson distribution generated from the retrospective forecast for spillover severity prediction for 2024 at time points with reported cases in Harris County, California. The area under the curve corresponding to the bin containing the observed value is shaded in green. As described in the manuscript, the logarithm of this bin probability serves as the logarithmic score

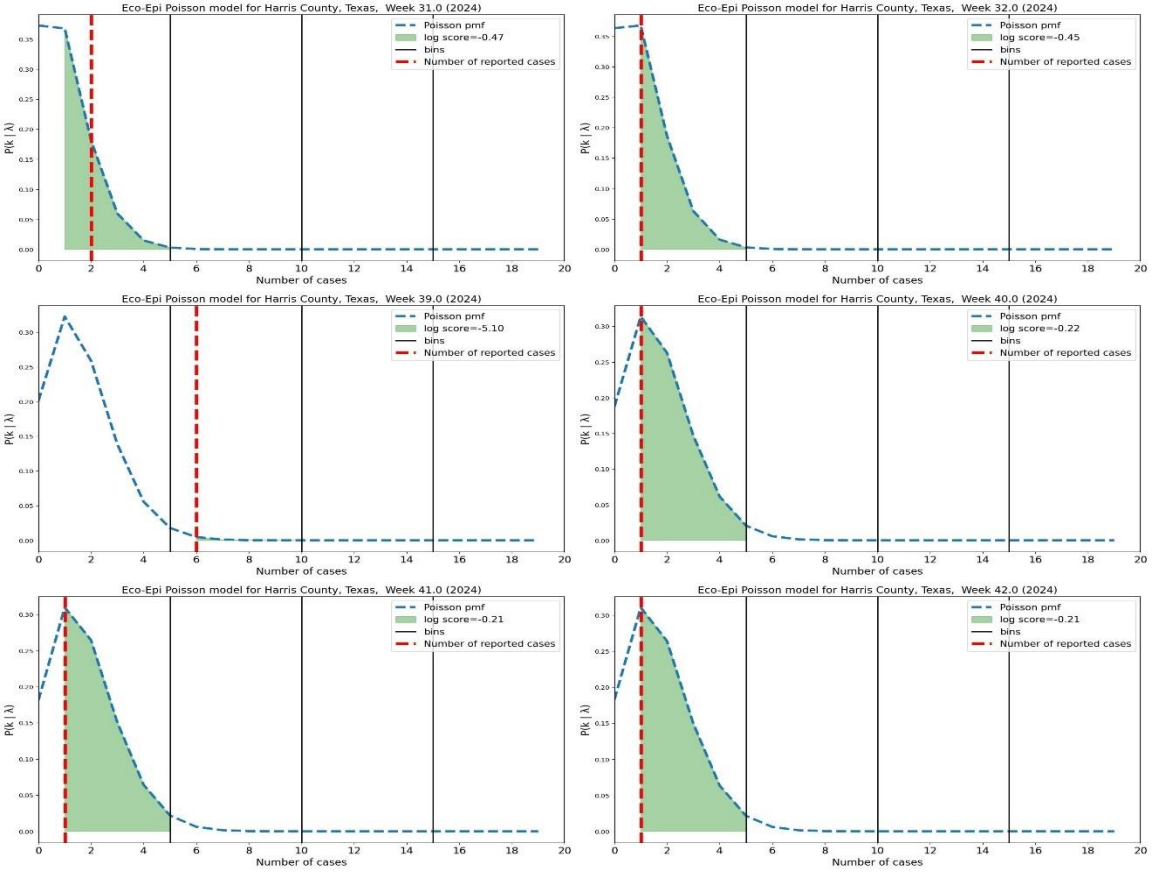
1.2.3.38 Comparison of null baseline, NB, and Poisson model for Harris County, 2024

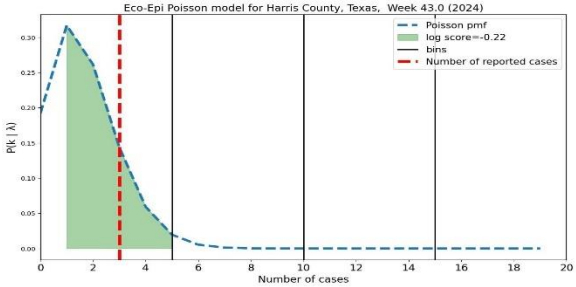


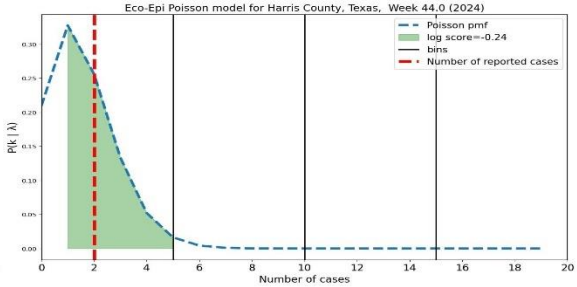


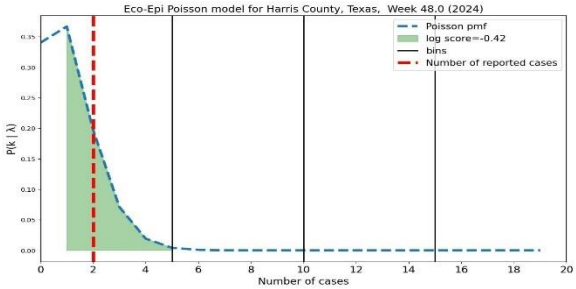


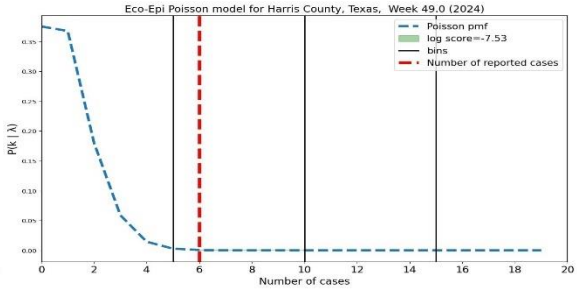
1.2.3.39 Predicted Poisson and NB pmf and logarithmic score for Harris County, 2024

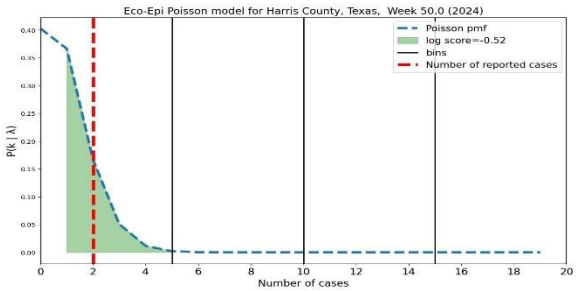


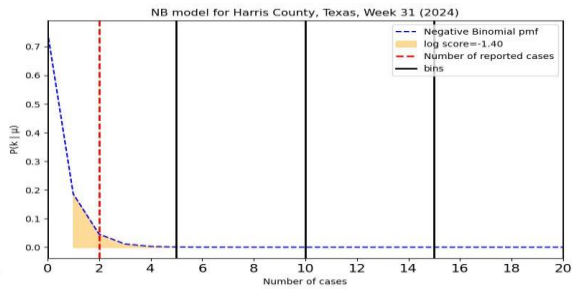

Eco-Epi Poisson model for Harris County, Texas, Week 43.0 (2024)
Poisson pmf
log score=-0.22
bins
Number of reported cases
P(k | λ)
Number of cases

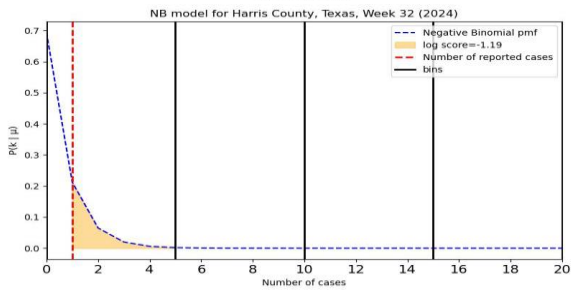

Eco-Epi Poisson model for Harris County, Texas, Week 44.0 (2024)
Poisson pmf
log score=-0.24
bins
Number of reported cases
P(k | λ)
Number of cases

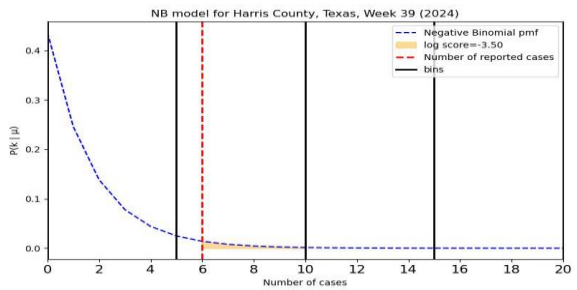

Eco-Epi Poisson model for Harris County, Texas, Week 48.0 (2024)
Poisson pmf
log score=-0.42
bins
Number of reported cases
P(k | λ)
Number of cases

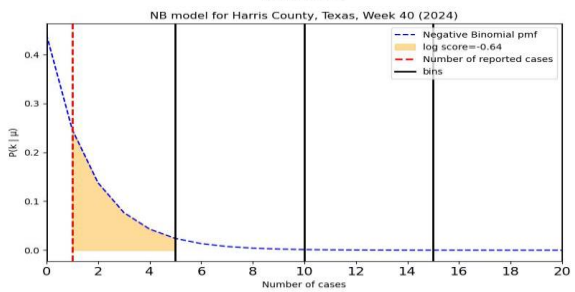

Eco-Epi Poisson model for Harris County, Texas, Week 49.0 (2024)
Poisson pmf
log score=-7.53
bins
Number of reported cases
P(k | λ)
Number of cases

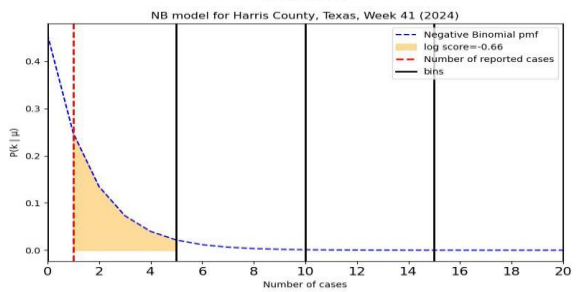

Eco-Epi Poisson model for Harris County, Texas, Week 50.0 (2024)
Poisson pmf
log score=-0.52
bins
Number of reported cases
P(k | λ)
Number of cases

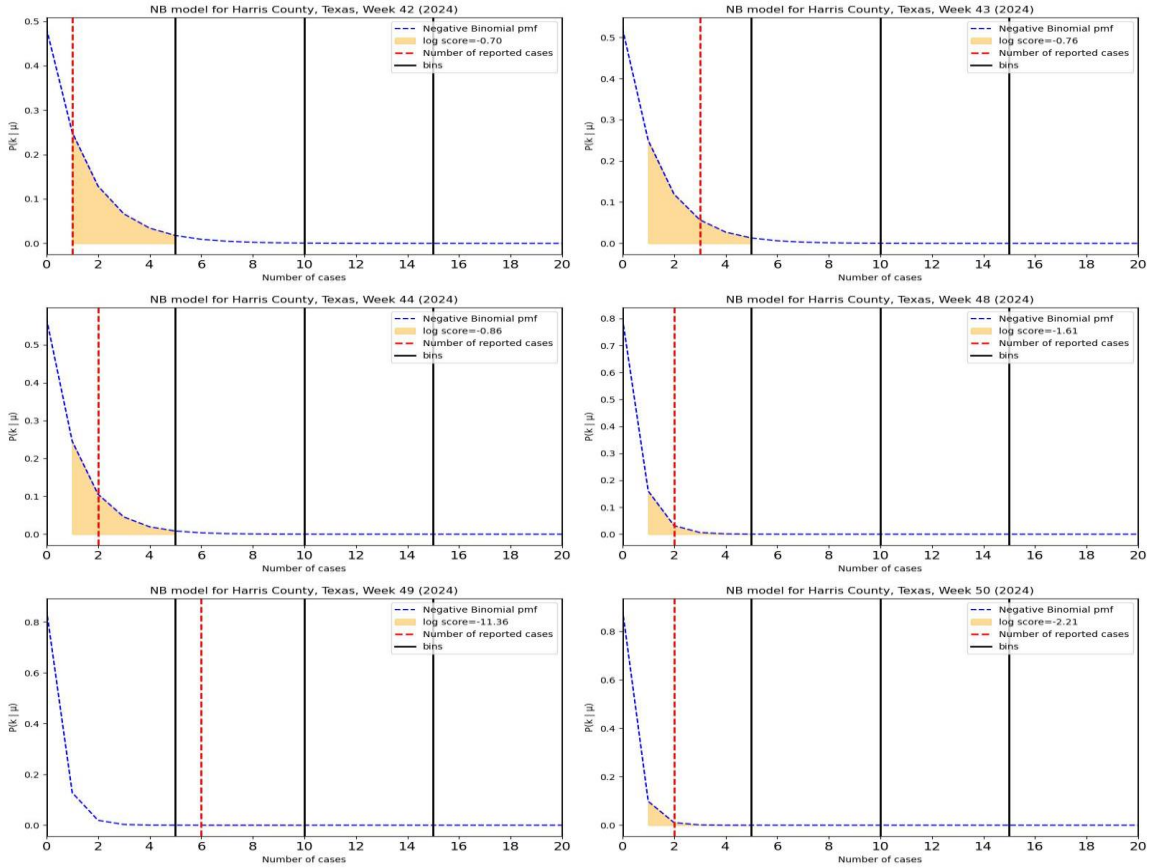

NB model for Harris County, Texas, Week 31 (2024)
Negative Binomial pmf
log score=-1.40
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Harris County, Texas, Week 32 (2024)
Negative Binomial pmf
log score=-1.19
Number of reported cases
bins
P(k | μ)
Number of cases

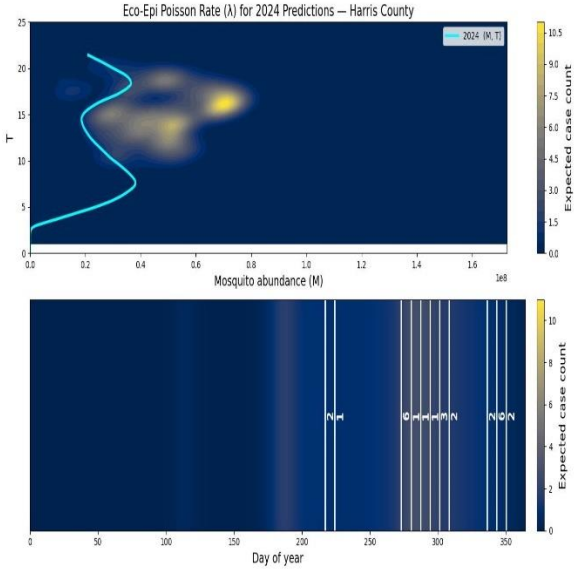

NB model for Harris County, Texas, Week 39 (2024)
Negative Binomial pmf
log score=-3.50
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Harris County, Texas, Week 40 (2024)
Negative Binomial pmf
log score=-0.64
Number of reported cases
bins
P(k | μ)
Number of cases


NB model for Harris County, Texas, Week 41 (2024)
Negative Binomial pmf
log score=-0.66
Number of reported cases
bins
P(k | μ)
Number of cases



1.2.3.40 Temporal risk map for Harris County-retrospective forecast 2024

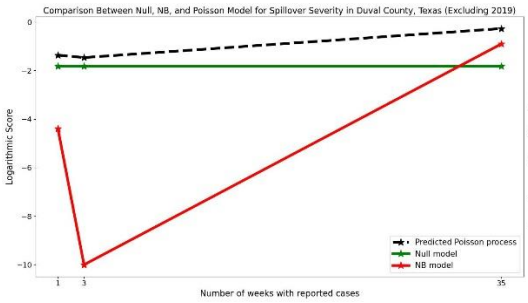


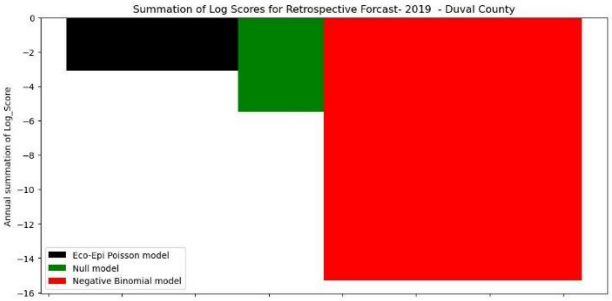
1.2.3.41 Logarithmic score plots for Duval County, 2019

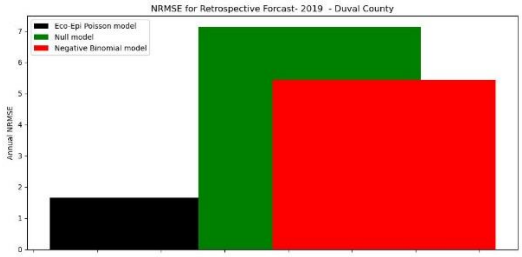
This section presents plot of the predicted Poisson distribution generated from the retrospective forecast for spillover severity prediction for 2019 at time points with reported cases in Duval County, California. The area under the curve corresponding to the bin containing the observed value is shaded in

green. As described in the manuscript, the logarithm of this bin probability serves as the logarithmic score

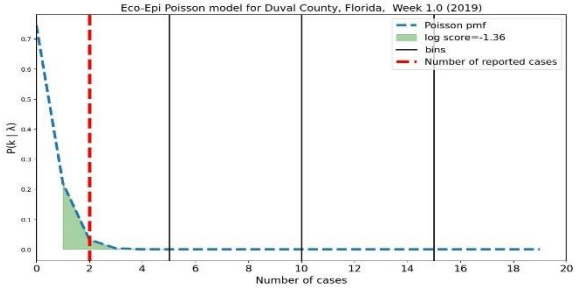
1.2.3.42 Comparison of null baseline, NB, and Poisson model for Duval County, 2019

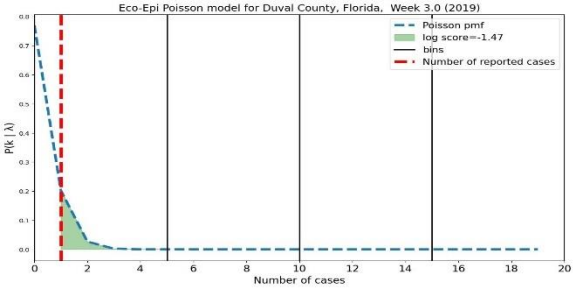


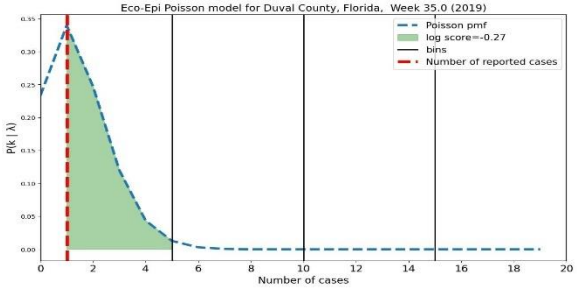


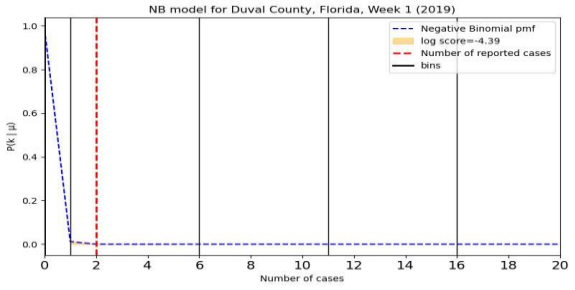


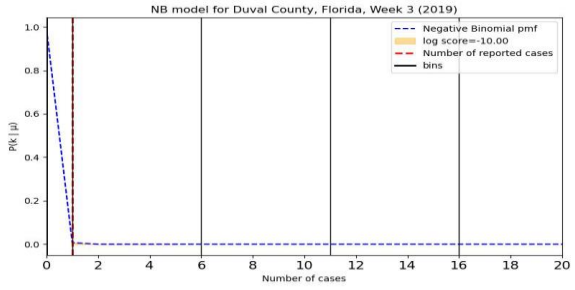
1.2.3.43 Predicted Poisson and NB pmf and logarithmic score for Duval County, 2019

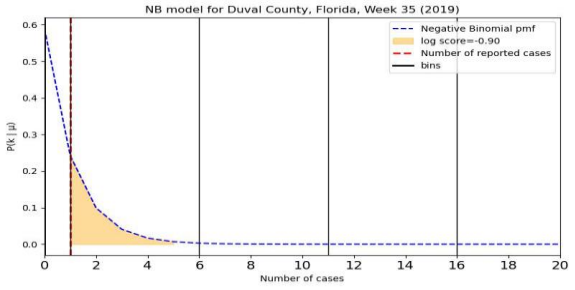




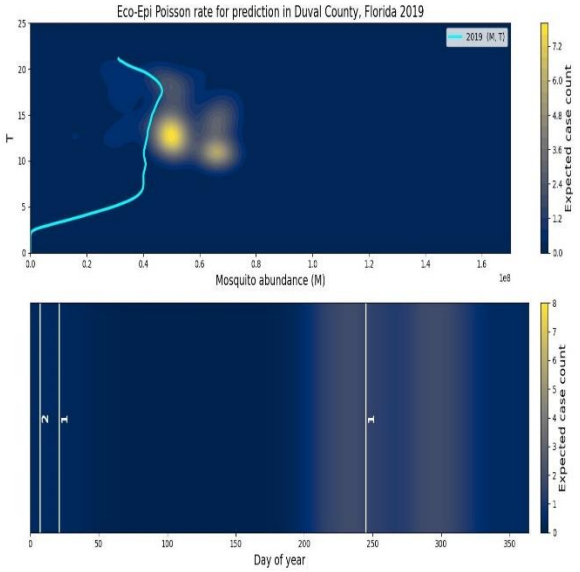








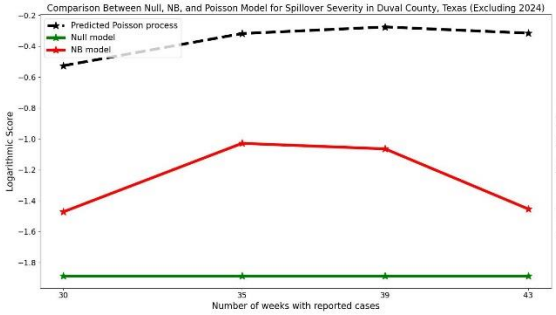
1.2.3.44 Temporal risk map for Duval County-retrospective forecast 2019

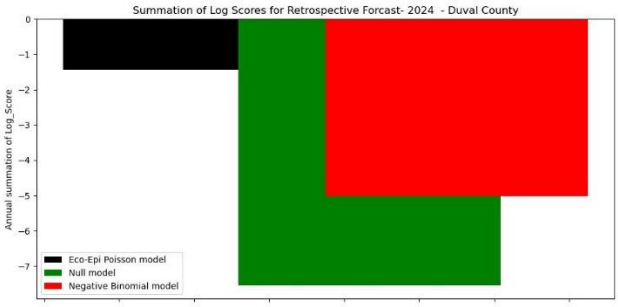


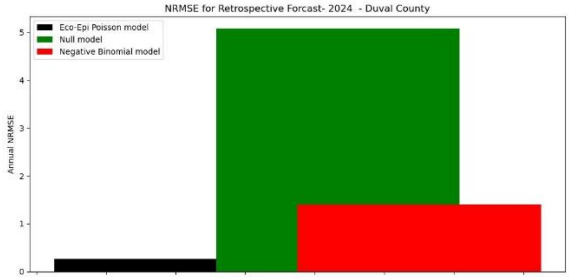
1.2.3.45 Logarithmic score plots for Duval County, 2024

This section presents plot of the predicted Poisson distribution generated from the retrospective forecast for spillover severity prediction for 2024 at time points with reported cases in Duval County, California. The area under the curve corresponding to the bin containing the observed value is shaded in green. As described in the manuscript, the logarithm of this bin probability serves as the logarithmic score

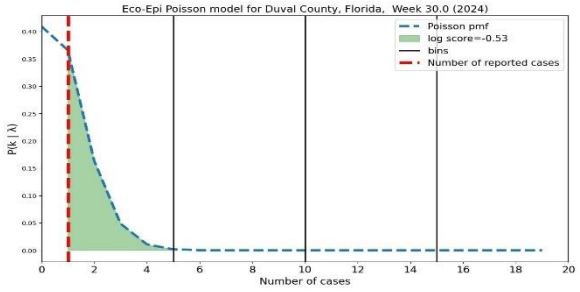
1.2.3.46 Comparison of null baseline, NB, and Poisson model for Duval County, 2024

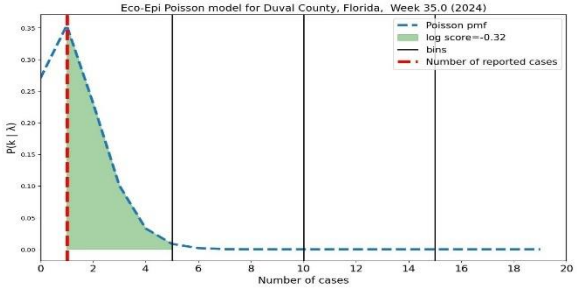


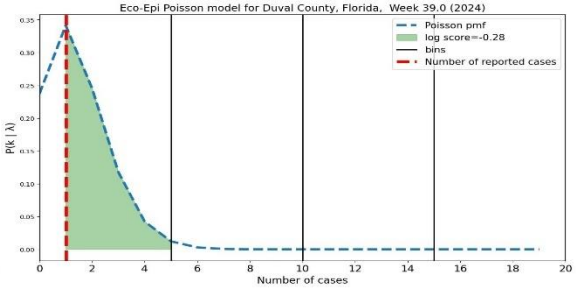


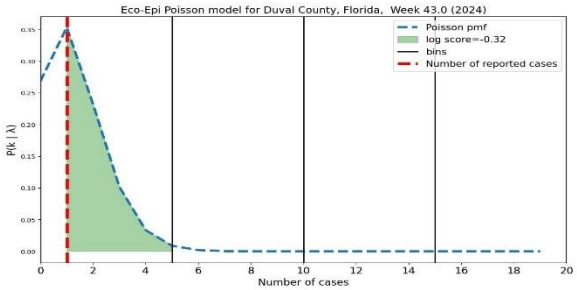


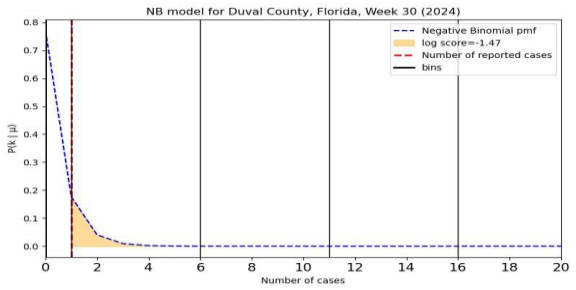
1.2.3.47 Predicted Poisson and NB pmf and logarithmic score for Duval County, 2024

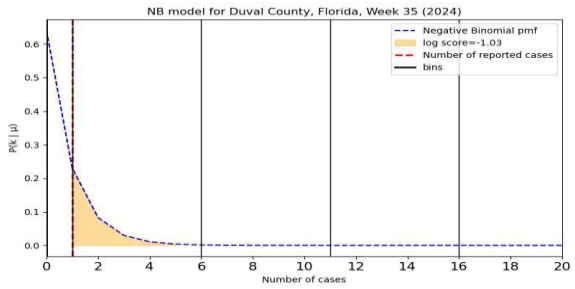


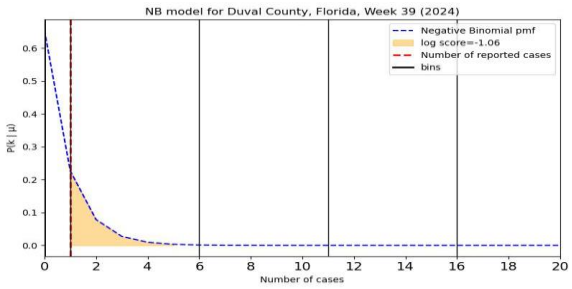


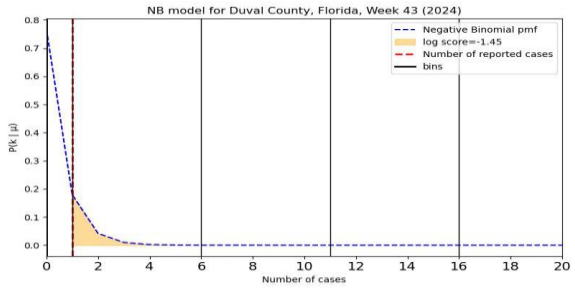




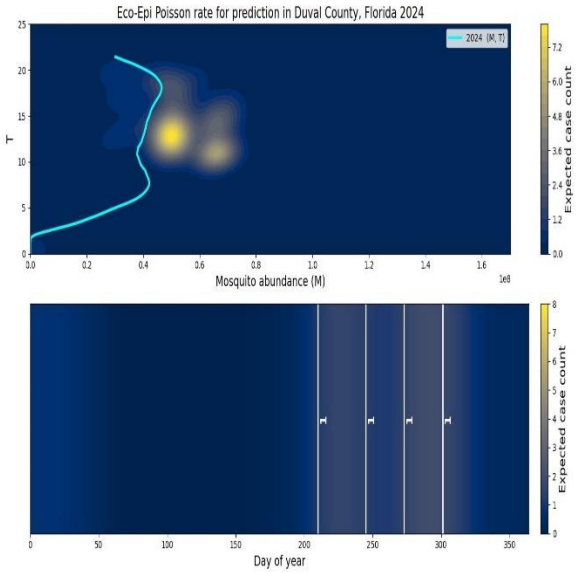








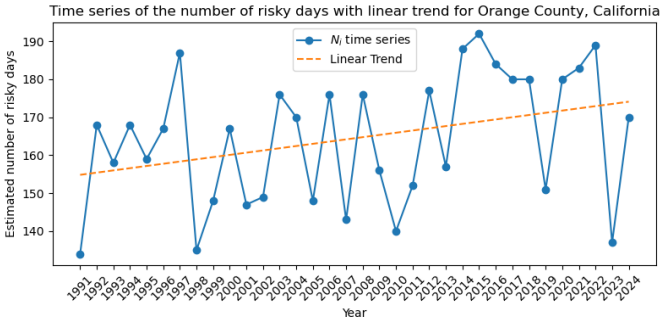
1.2.3.48 Temporal risk map for Duval County-retrospective forecast 2024



VII-Long-term climatic trends and the risk of spillover

The following figures presents the plotted number of risky days along with the fitted linear regression line.

Orange County:

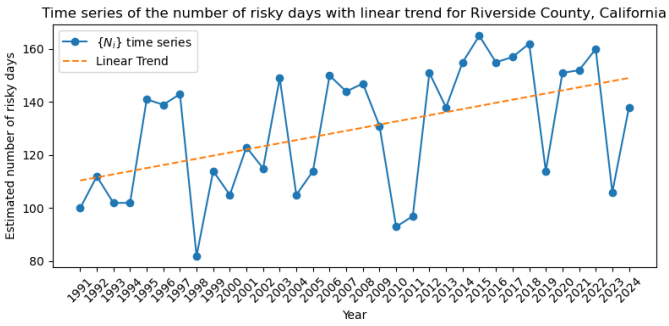



```
Linear Regression:
  Slope: 0.5837
  Intercept: -1007.2101
  R-squared: 0.1142
  P-value: 5.0577e-02

Spearman's Rank Correlation
  Spearman's rho: 0.3800
  P-value: 2.6626e-02

Mann-Kendall Trend Test:
  Trend: increasing
  P-value: 2.5985e-02
  Slope: 0.6500
```

Riverside County:

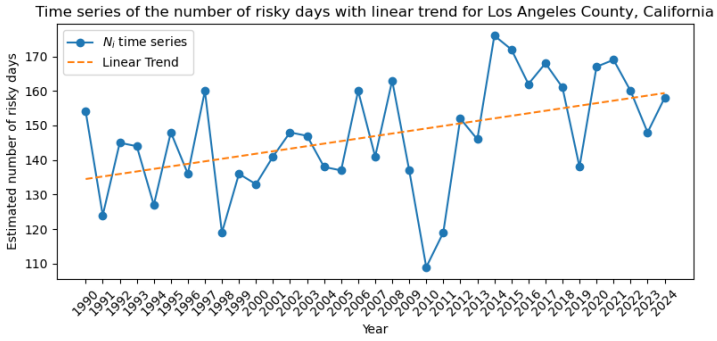



```
Linear Regression:
  Slope: 1.1716
  Intercept: -2222.1849
  R-squared: 0.2407
  P-value: 3.2193e-03

Spearman's Rank Correlation:
  Spearman's rho: 0.5276
  P-value: 1.3421e-03

Mann-Kendall Trend Test:
  Trend: increasing
  P-value: 1.0966e-03
  Slope: 1.1176
```

Los Angeles County:



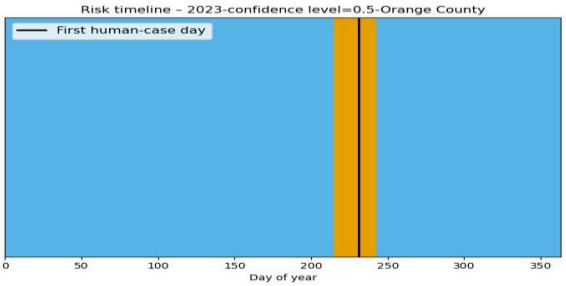

```
Linear Regression:
  Slope: 0.7317
  Intercept: -1321.4840
  R-squared: 0.2123
  P-value: 5.3391e-03

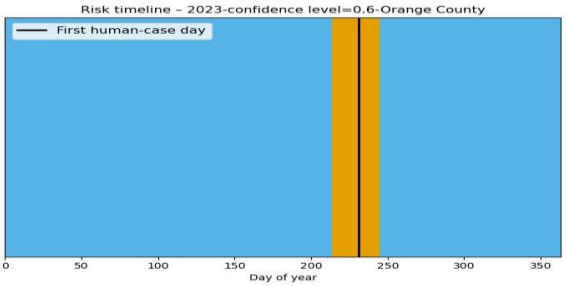
Spearman's Rank Correlation:
  Spearman's rho: 0.5023
  P-value: 2.1076e-03

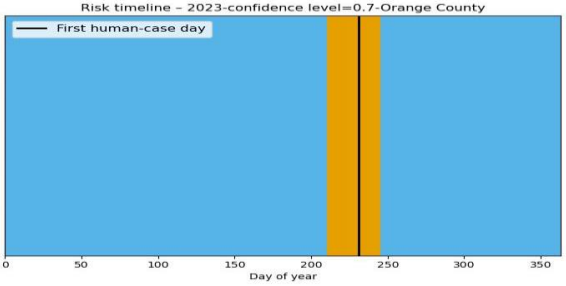
Mann-Kendall Trend Test:
  Trend: increasing
  P-value: 7.2007e-03
  Slope: 0.7826
```

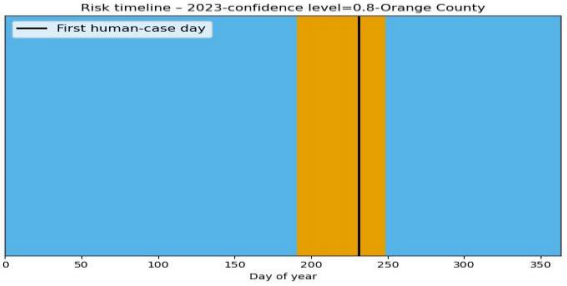
VIII-Credible Intervals and PDF for retrospective onset

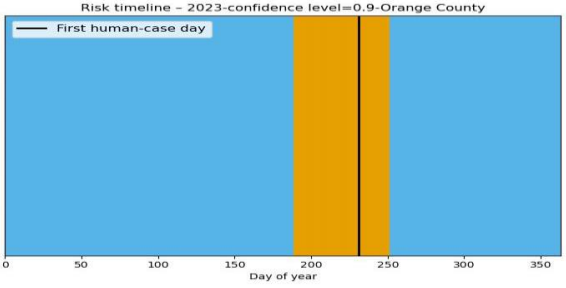
Orange County-2023

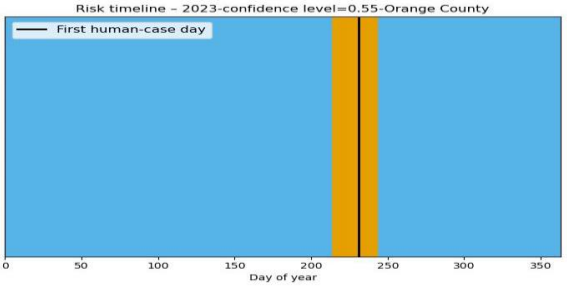

Risk timeline – 2023-confidence level=0.5-Orange County
First human-case day
0
50
100
150
200
250
300
350
Day of year

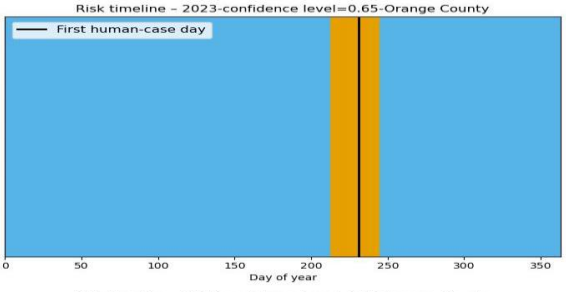

Risk timeline – 2023-confidence level=0.6-Orange County
First human-case day
0
50
100
150
200
250
300
350
Day of year

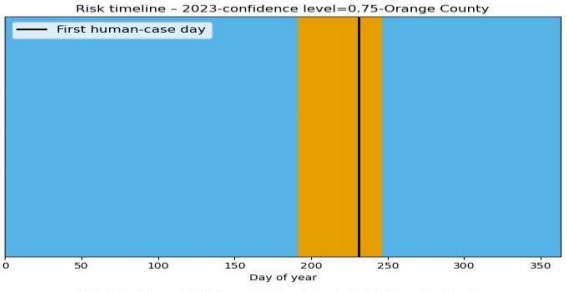

Risk timeline – 2023-confidence level=0.7-Orange County
First human-case day
0
50
100
150
200
250
300
350
Day of year

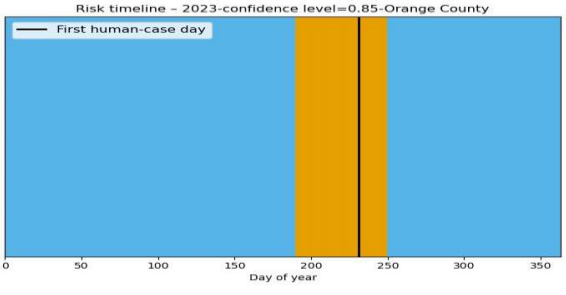

Risk timeline – 2023-confidence level=0.8-Orange County
First human-case day
0
50
100
150
200
250
300
350
Day of year

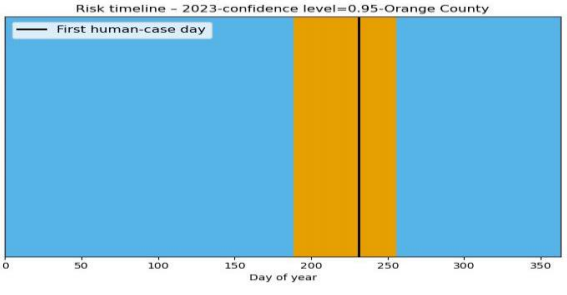

Risk timeline – 2023-confidence level=0.9-Orange County
First human-case day
0
50
100
150
200
250
300
350
Day of year

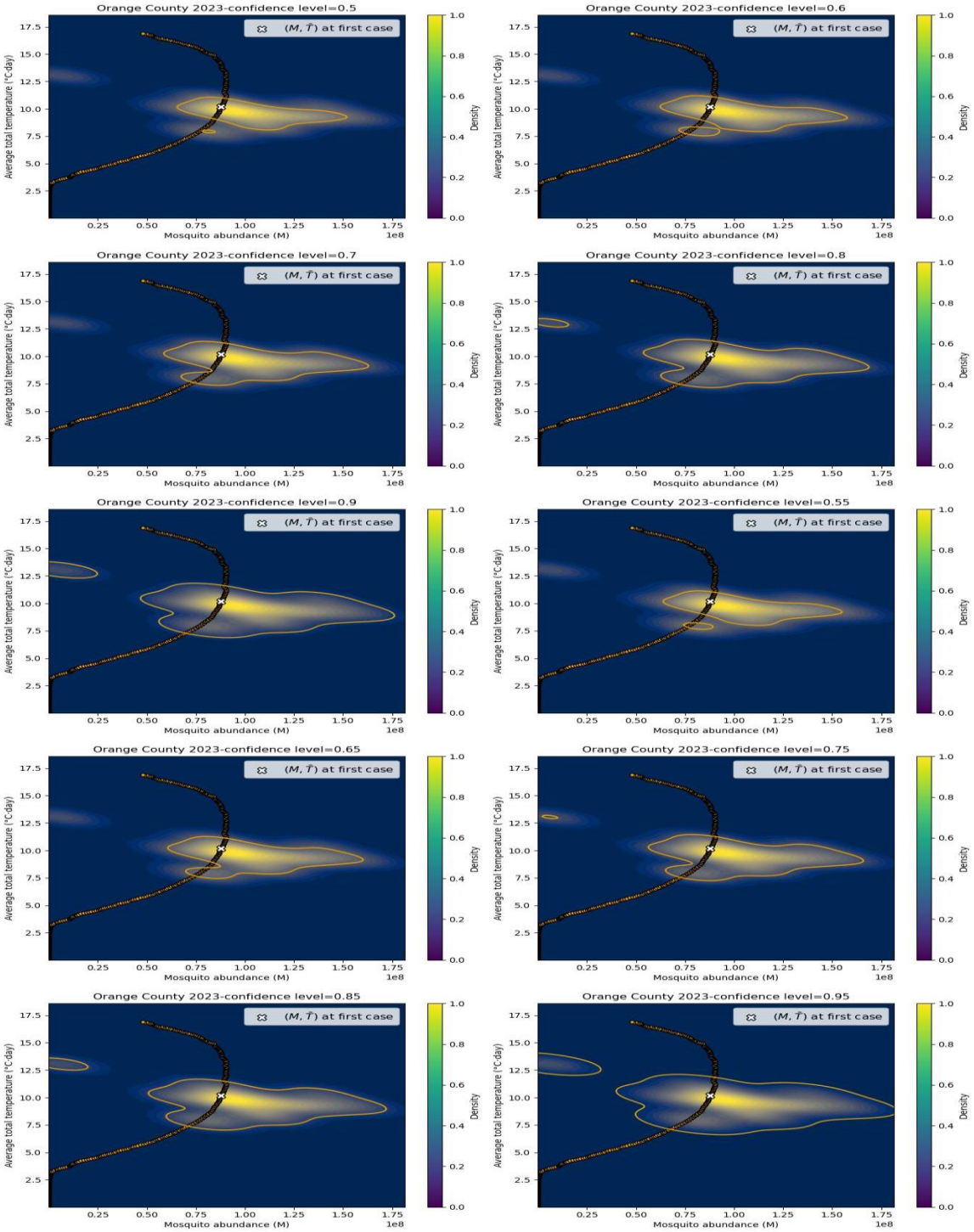

Risk timeline – 2023-confidence level=0.55-Orange County
First human-case day
0
50
100
150
200
250
300
350
Day of year


Risk timeline – 2023-confidence level=0.65-Orange County
First human-case day
0
50
100
150
200
250
300
350
Day of year

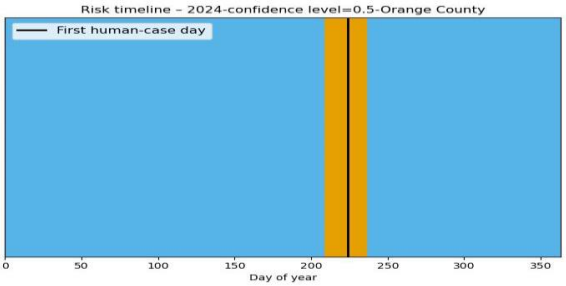

Risk timeline – 2023-confidence level=0.75-Orange County
First human-case day
0
50
100
150
200
250
300
350
Day of year

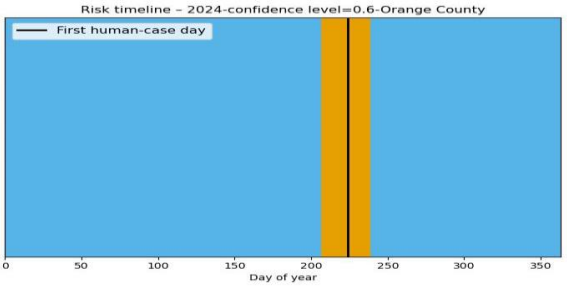

Risk timeline – 2023-confidence level=0.85-Orange County
First human-case day
0
50
100
150
200
250
300
350
Day of year

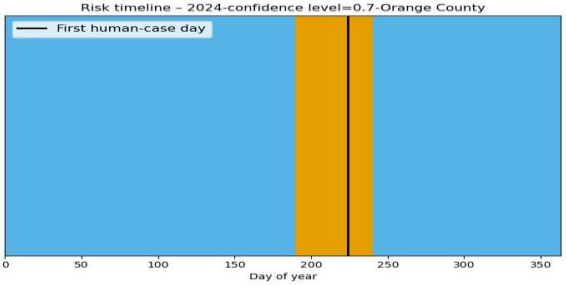

Risk timeline – 2023-confidence level=0.95-Orange County
First human-case day
0
50
100
150
200
250
300
350
Day of year

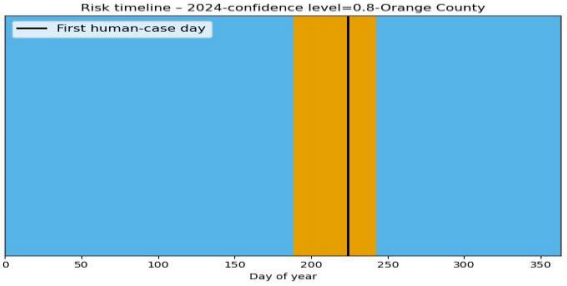


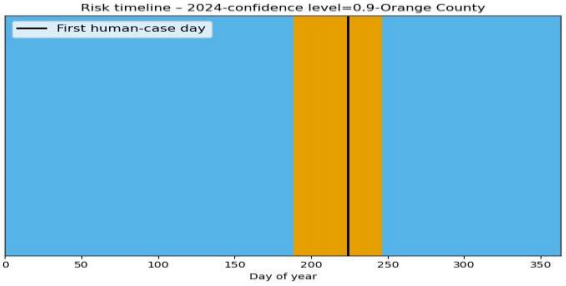
Orange County-2024

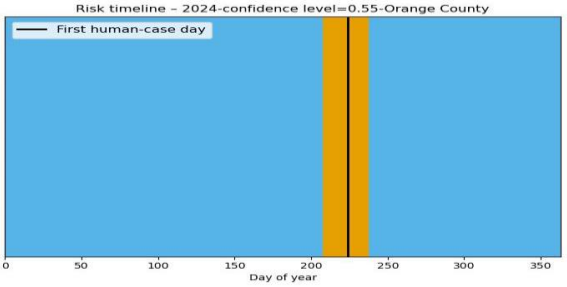

Risk timeline – 2024-confidence level=0.5-Orange County
First human-case day
0
50
100
150
200
250
300
350
Day of year

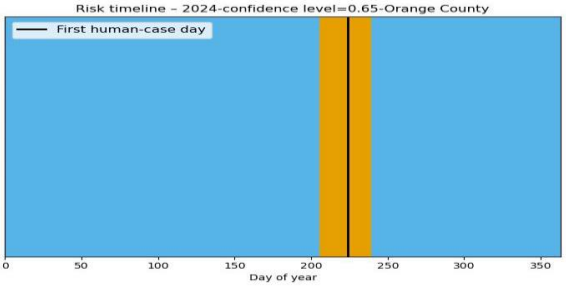

Risk timeline – 2024-confidence level=0.6-Orange County
First human-case day
0
50
100
150
200
250
300
350
Day of year

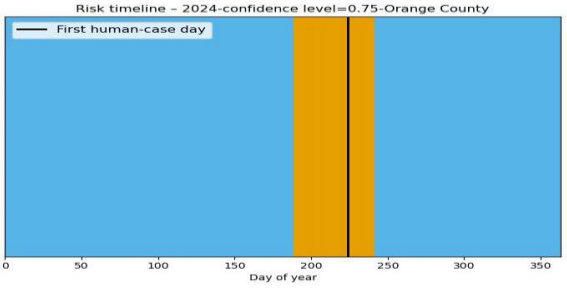

Risk timeline – 2024-confidence level=0.7-Orange County
First human-case day
0
50
100
150
200
250
300
350
Day of year

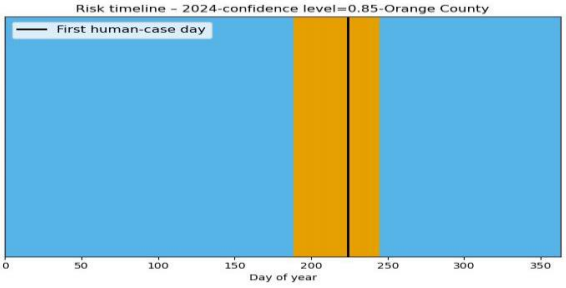

Risk timeline – 2024-confidence level=0.8-Orange County
First human-case day
0
50
100
150
200
250
300
350
Day of year

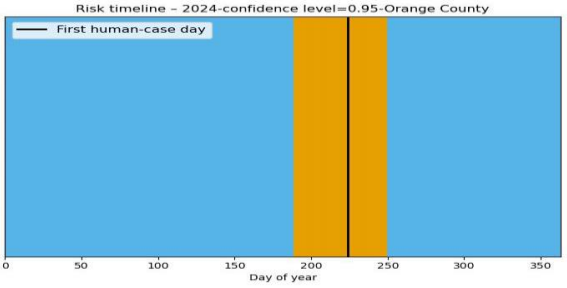

Risk timeline – 2024-confidence level=0.9-Orange County
First human-case day
0
50
100
150
200
250
300
350
Day of year

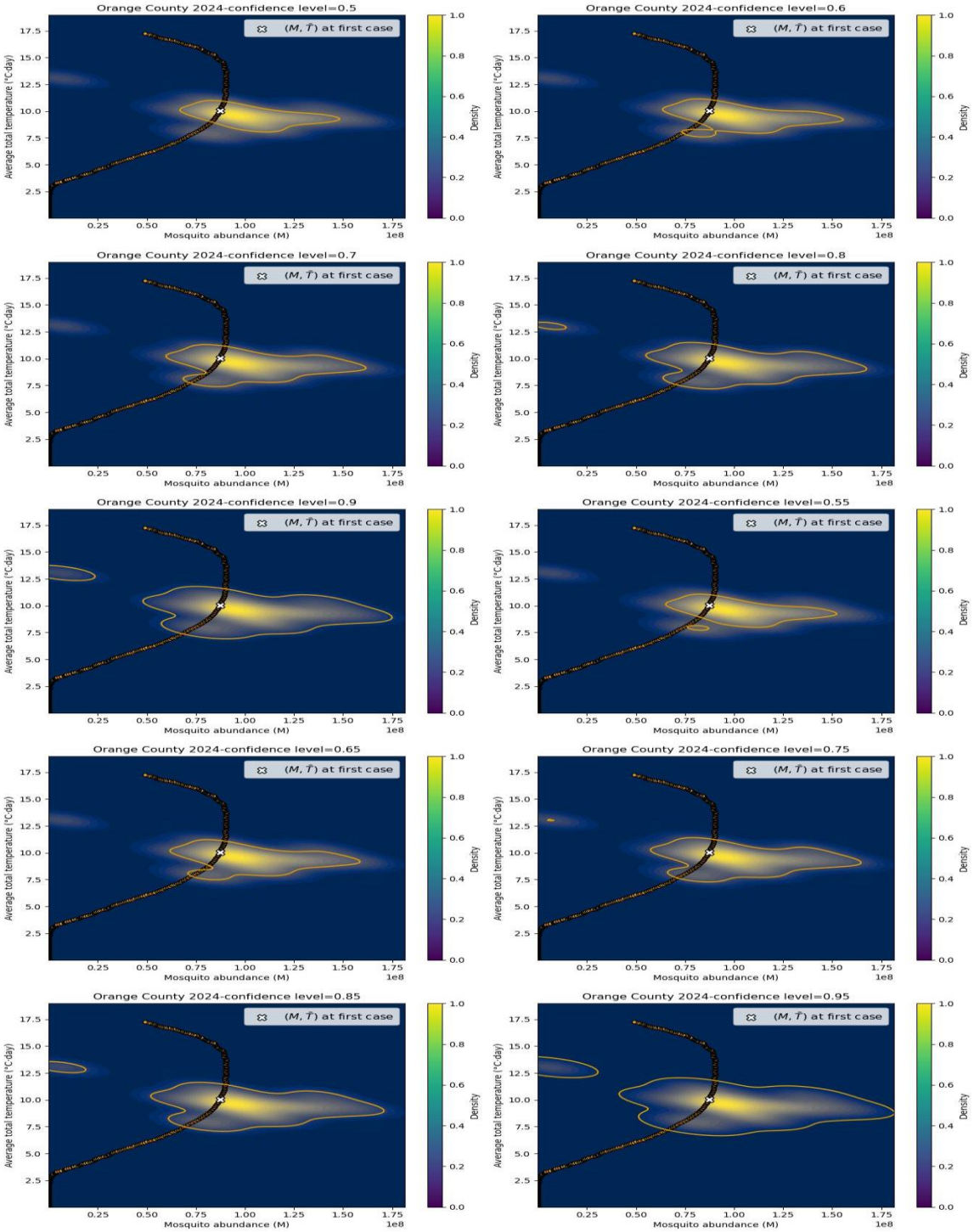

Risk timeline – 2024-confidence level=0.55-Orange County
First human-case day
0
50
100
150
200
250
300
350
Day of year


Risk timeline – 2024-confidence level=0.65-Orange County
First human-case day
0
50
100
150
200
250
300
350
Day of year

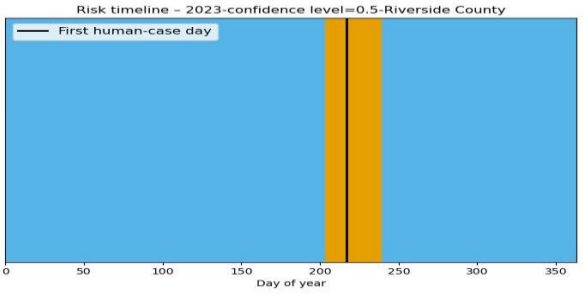

Risk timeline – 2024-confidence level=0.75-Orange County
First human-case day
0
50
100
150
200
250
300
350
Day of year

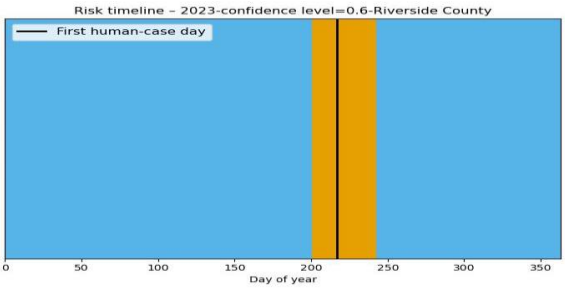

Risk timeline – 2024-confidence level=0.85-Orange County
First human-case day
0
50
100
150
200
250
300
350
Day of year

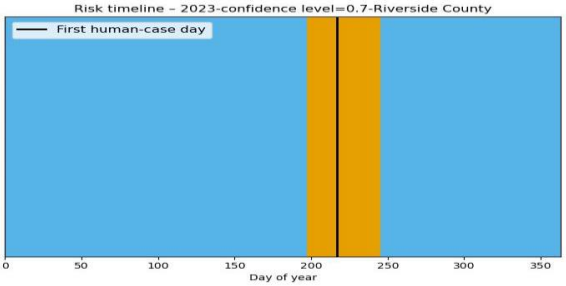

Risk timeline – 2024-confidence level=0.95-Orange County
First human-case day
0
50
100
150
200
250
300
350
Day of year

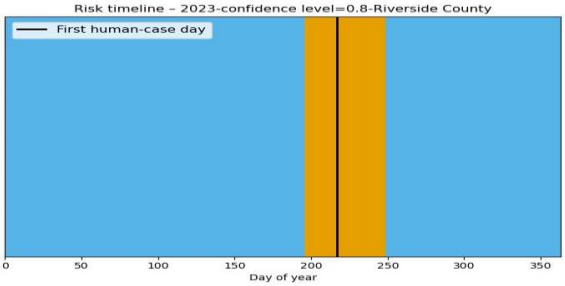


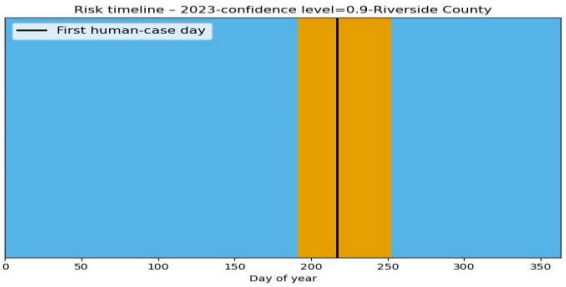
Riverside County 2023:

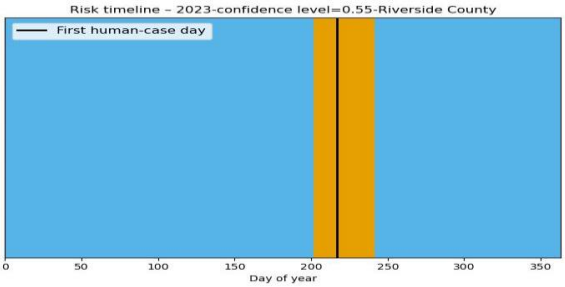

Risk timeline – 2023-confidence level=0.5-Riverside County
First human-case day
0
50
100
150
200
250
300
350
Day of year

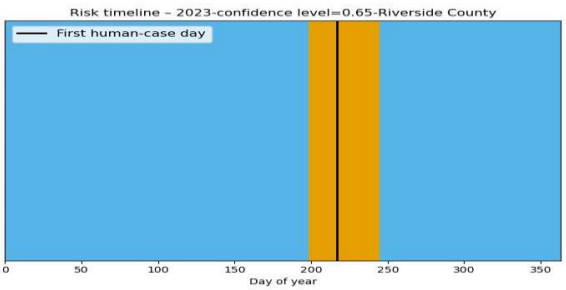

Risk timeline – 2023-confidence level=0.6-Riverside County
First human-case day
0
50
100
150
200
250
300
350
Day of year

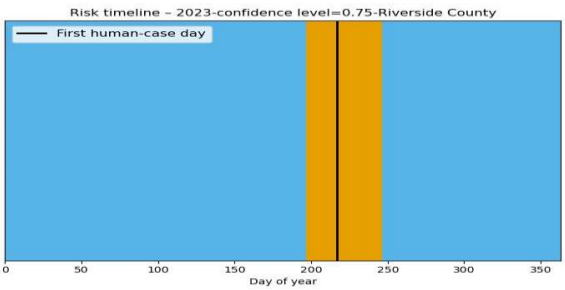

Risk timeline – 2023-confidence level=0.7-Riverside County
First human-case day
0
50
100
150
200
250
300
350
Day of year

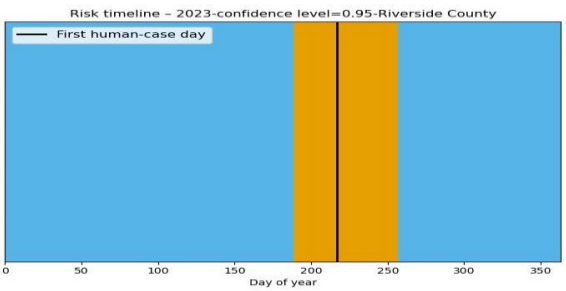

Risk timeline – 2023-confidence level=0.8-Riverside County
First human-case day
0
50
100
150
200
250
300
350
Day of year

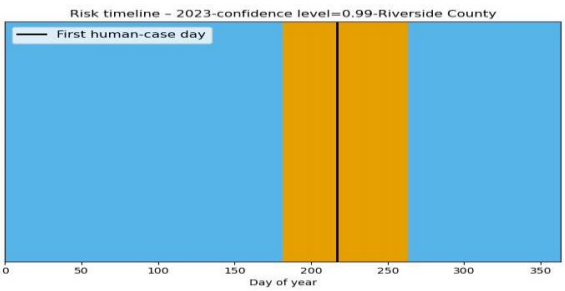

Risk timeline – 2023-confidence level=0.9-Riverside County
First human-case day
0
50
100
150
200
250
300
350
Day of year

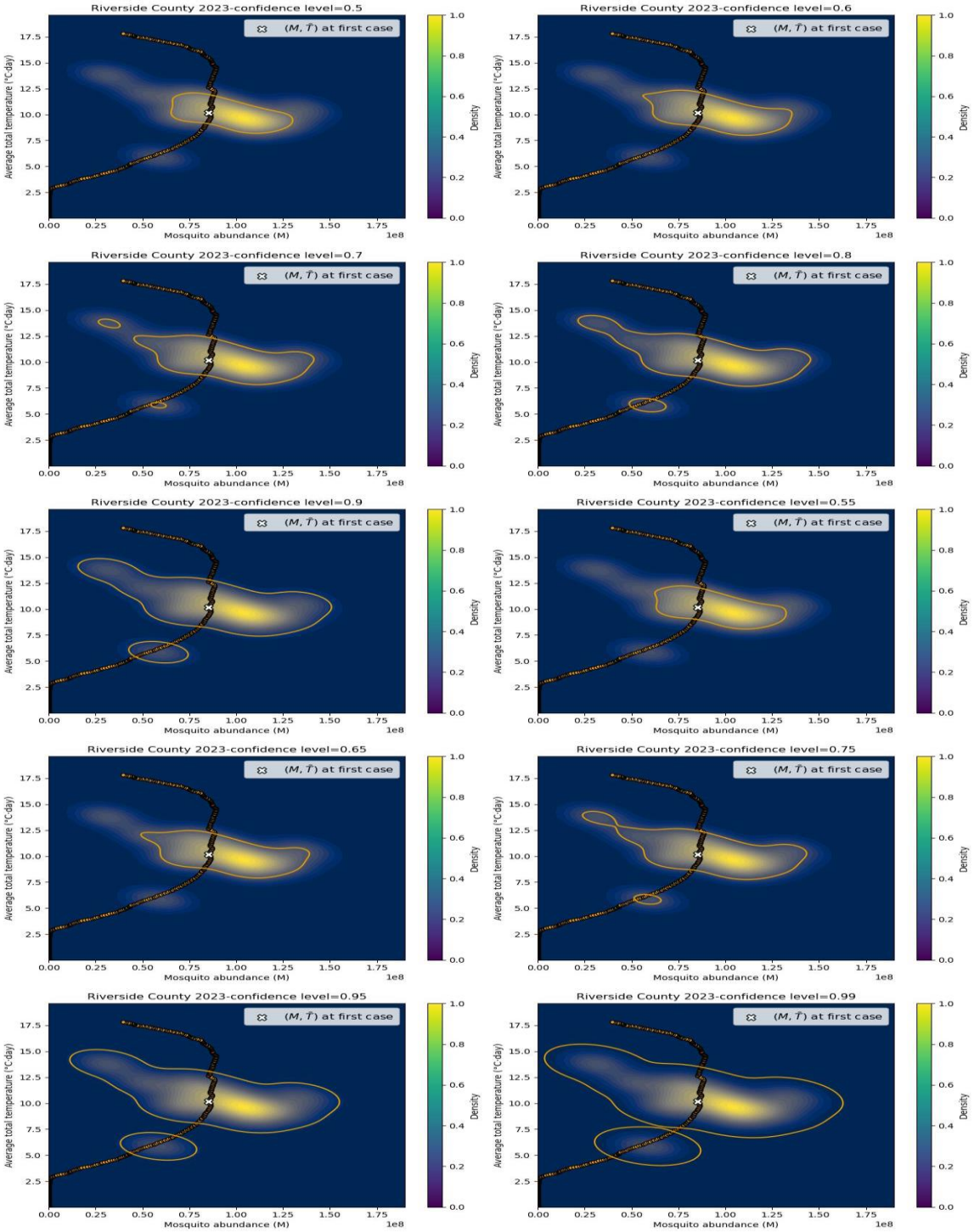

Risk timeline – 2023-confidence level=0.55-Riverside County
First human-case day
0
50
100
150
200
250
300
350
Day of year


Risk timeline – 2023-confidence level=0.65-Riverside County
First human-case day
0
50
100
150
200
250
300
350
Day of year

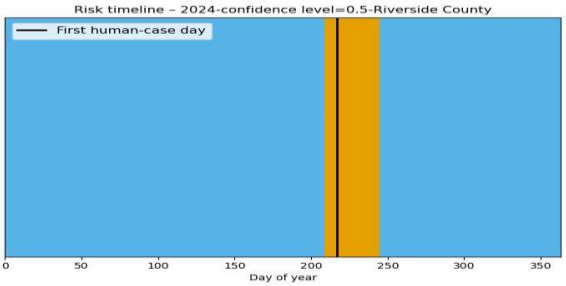

Risk timeline – 2023-confidence level=0.75-Riverside County
First human-case day
0
50
100
150
200
250
300
350
Day of year

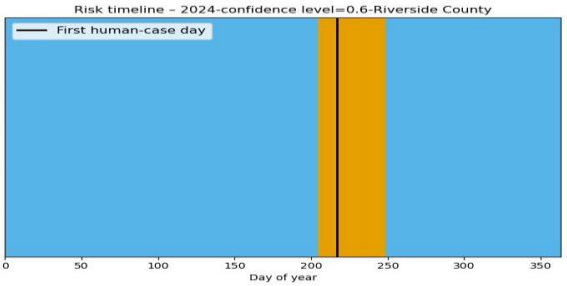

Risk timeline – 2023-confidence level=0.95-Riverside County
First human-case day
0
50
100
150
200
250
300
350
Day of year

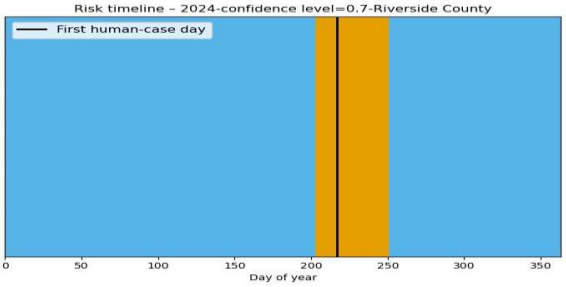

Risk timeline – 2023-confidence level=0.99-Riverside County
First human-case day
0
50
100
150
200
250
300
350
Day of year

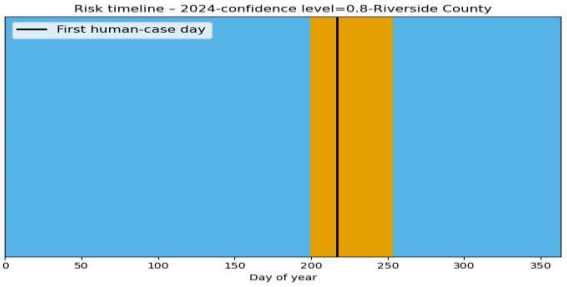


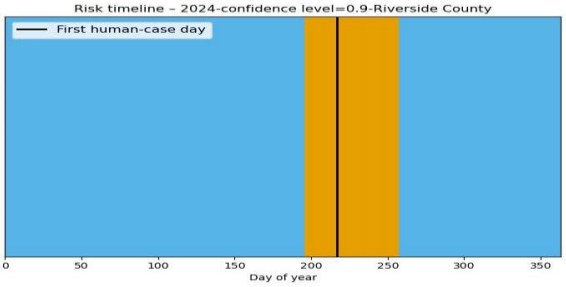
Riverside County 2024:

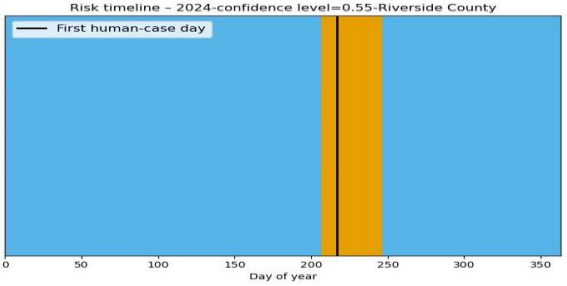

Risk timeline – 2024-confidence level=0.5-Riverside County
First human-case day
0
50
100
150
200
250
300
350
Day of year

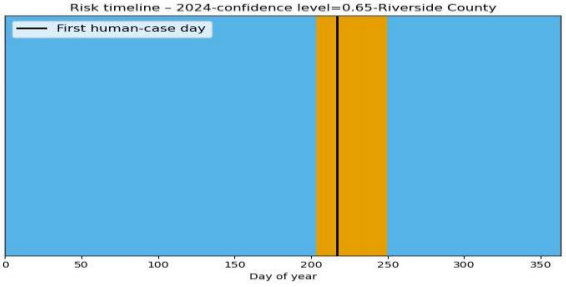

Risk timeline – 2024-confidence level=0.6-Riverside County
First human-case day
0
50
100
150
200
250
300
350
Day of year

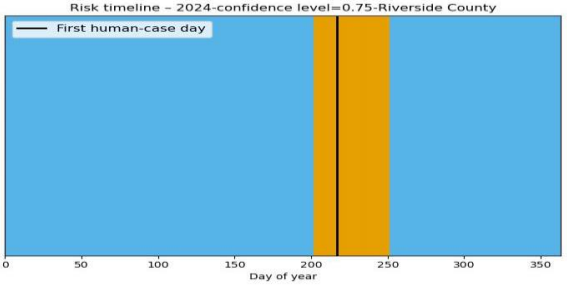

Risk timeline – 2024-confidence level=0.7-Riverside County
First human-case day
0
50
100
150
200
250
300
350
Day of year

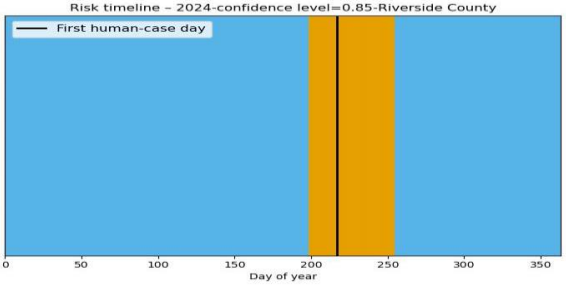

Risk timeline – 2024-confidence level=0.8-Riverside County
First human-case day
0
50
100
150
200
250
300
350
Day of year

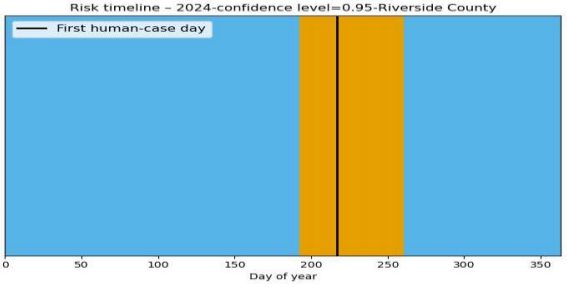

Risk timeline – 2024-confidence level=0.9-Riverside County
First human-case day
0
50
100
150
200
250
300
350
Day of year

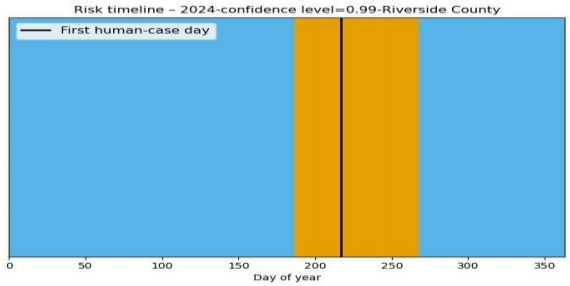

Risk timeline – 2024-confidence level=0.55-Riverside County
First human-case day
0
50
100
150
200
250
300
350
Day of year

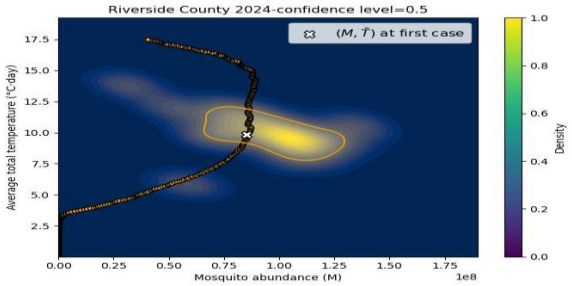

Risk timeline – 2024-confidence level=0.65-Riverside County
First human-case day
0
50
100
150
200
250
300
350
Day of year

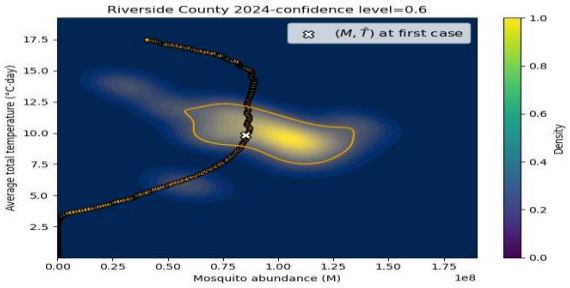

Risk timeline – 2024-confidence level=0.75-Riverside County
First human-case day
0
50
100
150
200
250
300
350
Day of year

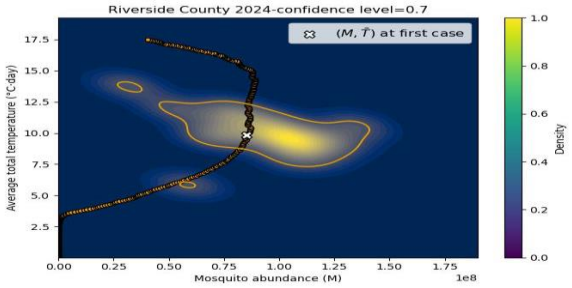

Risk timeline – 2024-confidence level=0.85-Riverside County
First human-case day
0
50
100
150
200
250
300
350
Day of year

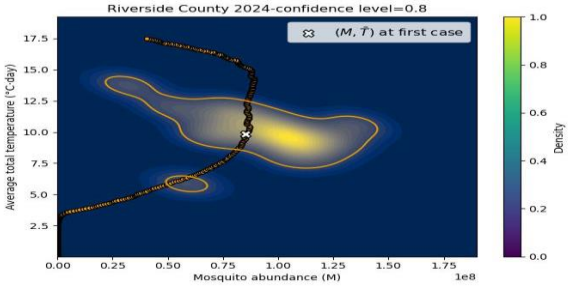

Risk timeline – 2024-confidence level=0.95-Riverside County
First human-case day
0
50
100
150
200
250
300
350
Day of year

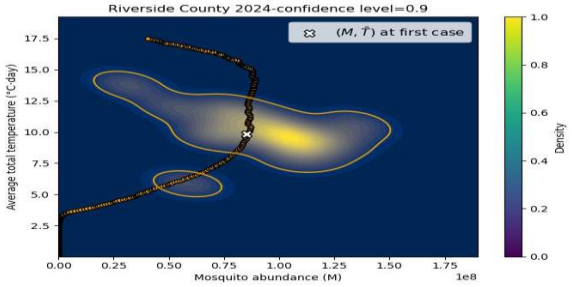

Risk timeline – 2024-confidence level=0.99-Riverside County
First human-case day
0
50
100
150
200
250
300
350
Day of year

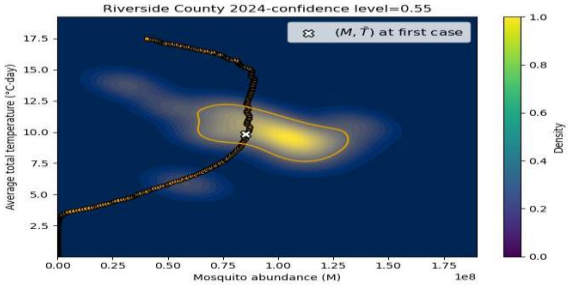

Riverside County 2024-confidence level=0.5
$(M, \bar{T})$ at first case
Average total temperature (°C·day)
Mosquito abundance (M)
1e8
Density

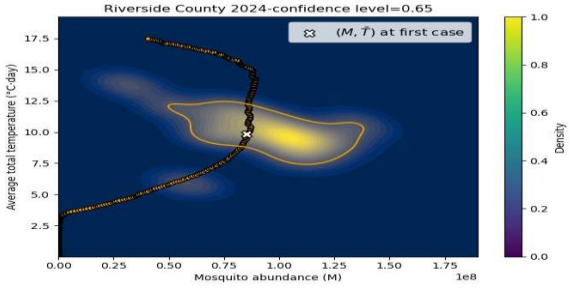

Riverside County 2024-confidence level=0.6
$(M, \bar{T})$ at first case
Average total temperature (°C·day)
Mosquito abundance (M)
1e8
Density

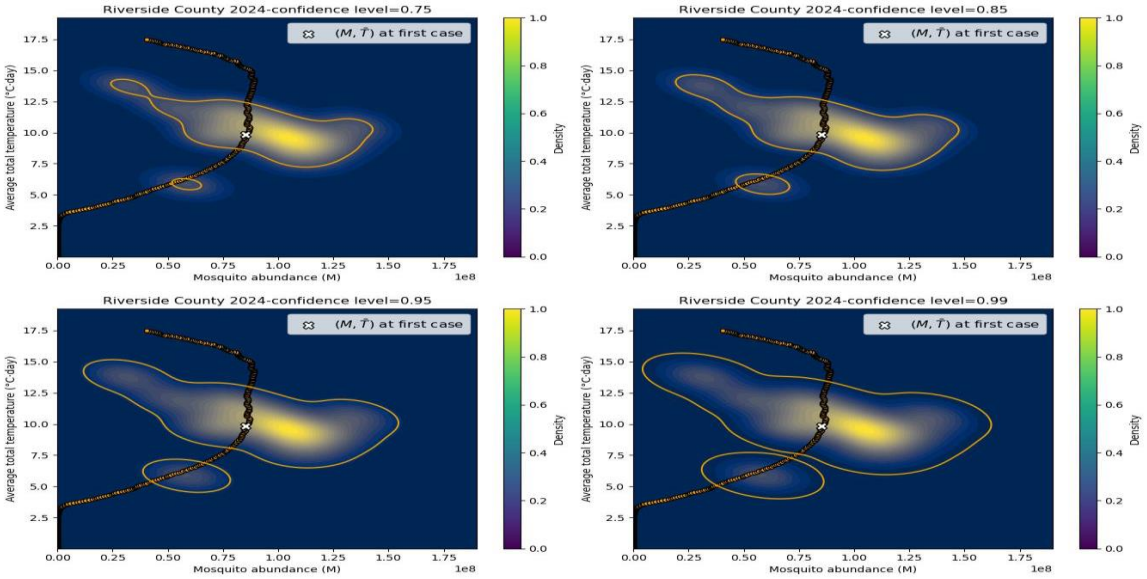

Riverside County 2024-confidence level=0.7
$(M, \bar{T})$ at first case
Average total temperature (°C·day)
Mosquito abundance (M)
1e8
Density


Riverside County 2024-confidence level=0.8
$(M, \bar{T})$ at first case
Average total temperature (°C·day)
Mosquito abundance (M)
1e8
Density

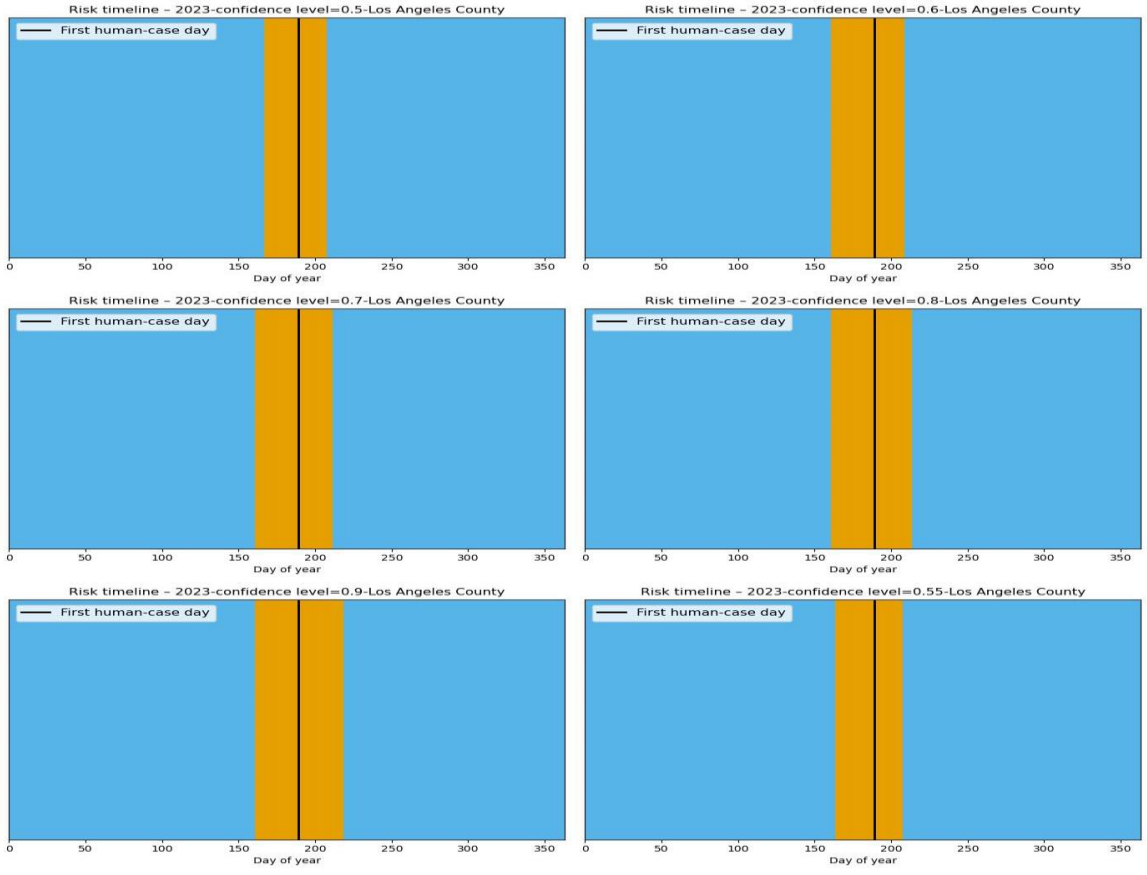

Riverside County 2024-confidence level=0.9
$(M, \bar{T})$ at first case
Average total temperature (°C·day)
Mosquito abundance (M)
1e8
Density

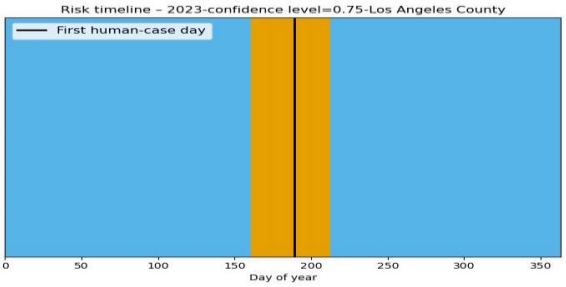

Riverside County 2024-confidence level=0.55
$(M, \bar{T})$ at first case
Average total temperature (°C·day)
Mosquito abundance (M)
1e8
Density

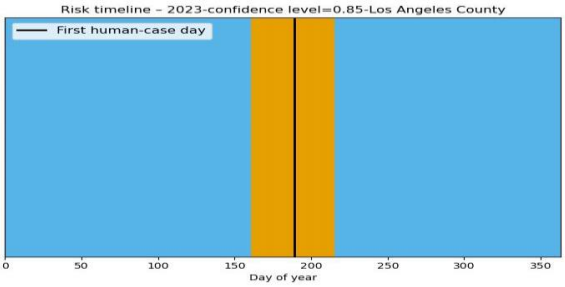

Riverside County 2024-confidence level=0.65
$(M, \bar{T})$ at first case
Average total temperature (°C·day)
Mosquito abundance (M)
1e8
Density

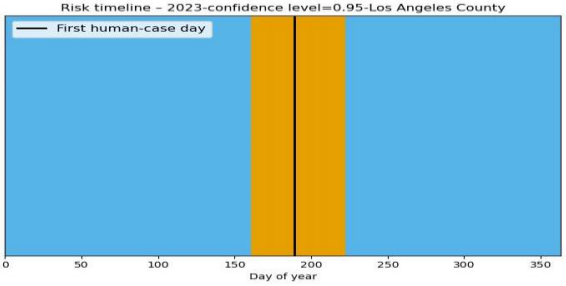


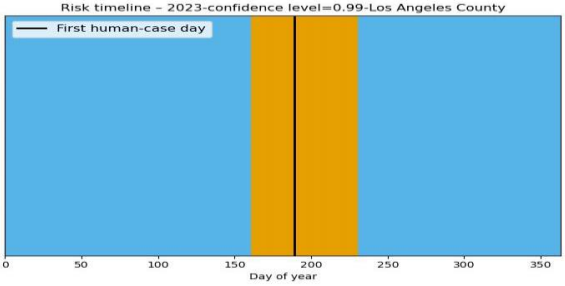
Los Angeles County 2023:

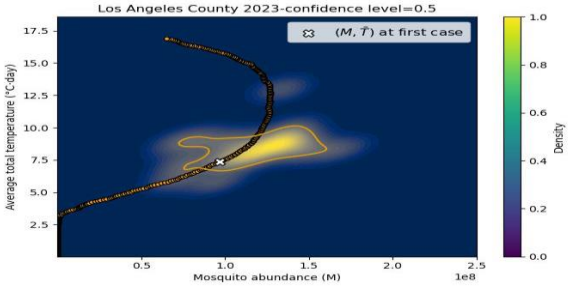


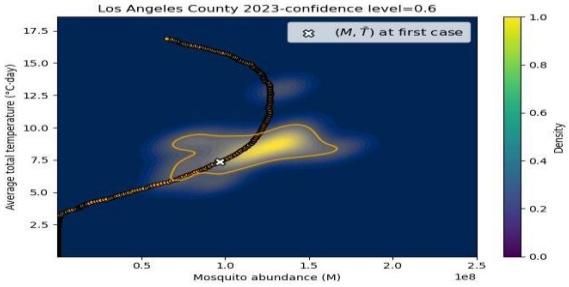

Risk timeline – 2023-confidence level=0.75-Los Angeles County
First human-case day
0
50
100
150
200
250
300
350
Day of year

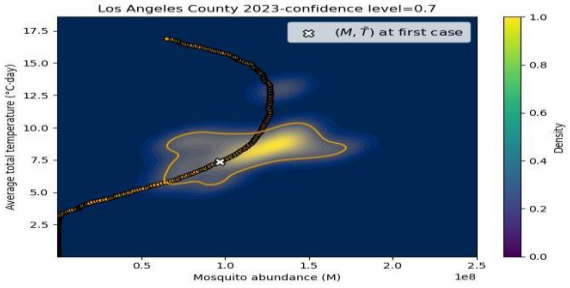

Risk timeline – 2023-confidence level=0.85-Los Angeles County
First human-case day
0
50
100
150
200
250
300
350
Day of year

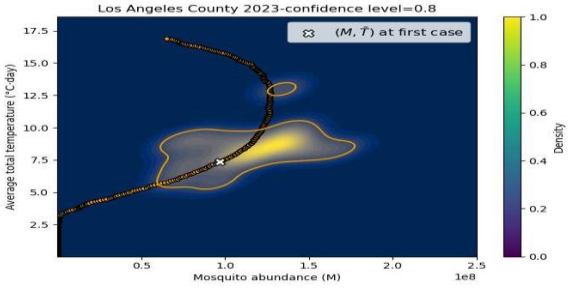

Risk timeline – 2023-confidence level=0.95-Los Angeles County
First human-case day
0
50
100
150
200
250
300
350
Day of year

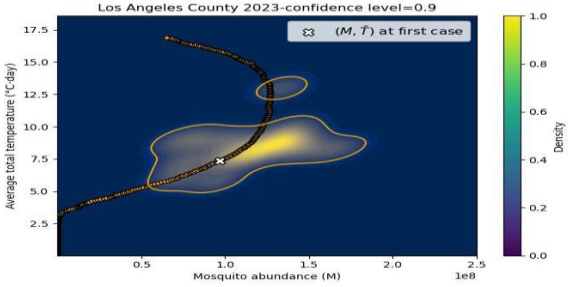

Risk timeline – 2023-confidence level=0.99-Los Angeles County
First human-case day
0
50
100
150
200
250
300
350
Day of year

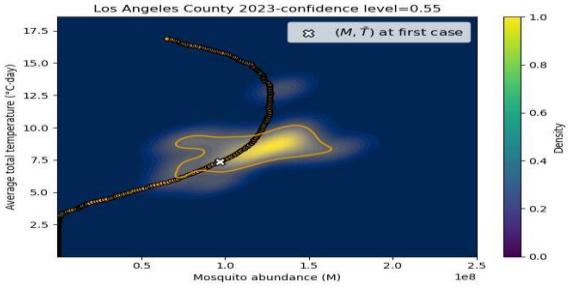

Los Angeles County 2023-confidence level=0.5
$(M, \bar{T})$ at first case
Average total temperature (°C·day)
Mosquito abundance (M)
1e8
Density

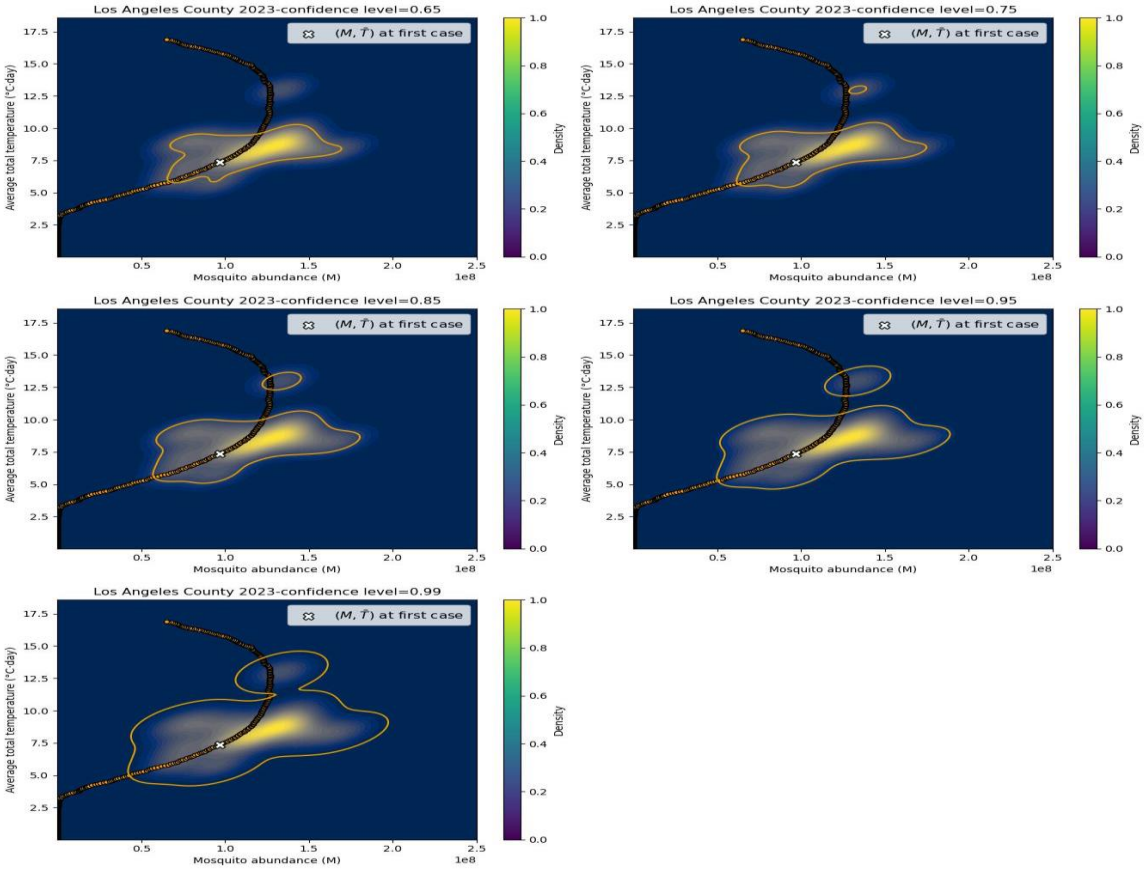

Los Angeles County 2023-confidence level=0.6
$(M, \bar{T})$ at first case
Average total temperature (°C·day)
Mosquito abundance (M)
1e8
Density


Los Angeles County 2023-confidence level=0.7
$(M, \bar{T})$ at first case
Average total temperature (°C·day)
Mosquito abundance (M)
1e8
Density

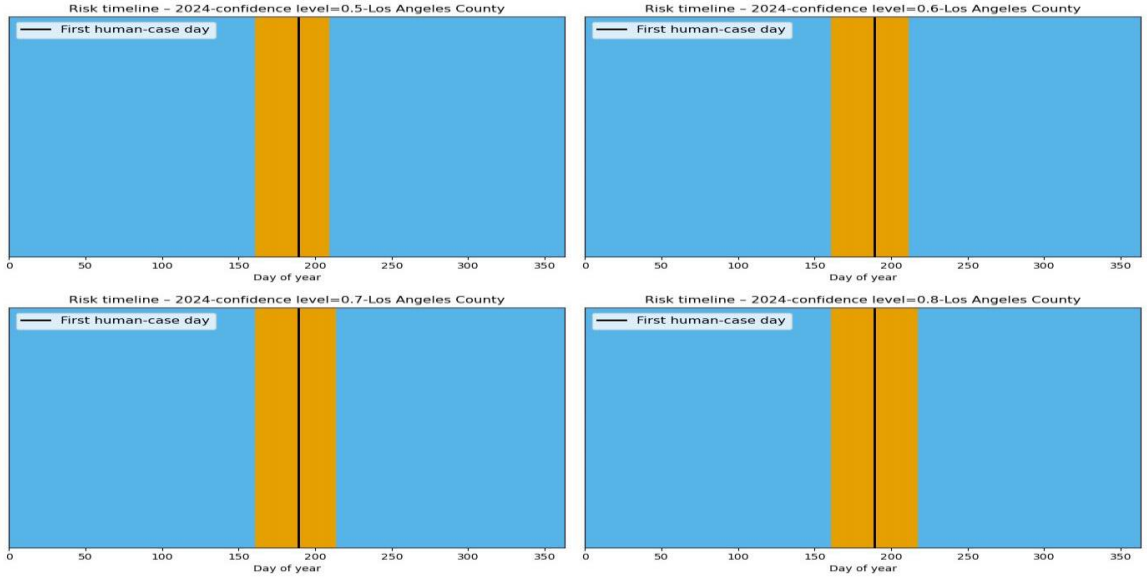

Los Angeles County 2023-confidence level=0.8
$(M, \bar{T})$ at first case
Average total temperature (°C·day)
Mosquito abundance (M)
1e8
Density

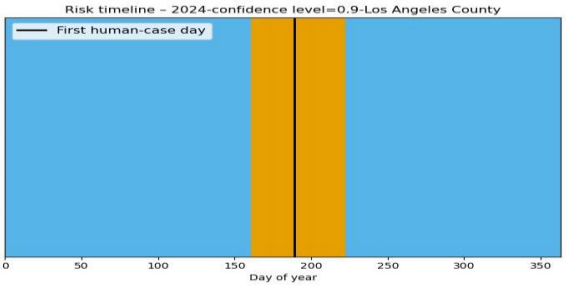

Los Angeles County 2023-confidence level=0.9
$(M, \bar{T})$ at first case
Average total temperature (°C·day)
Mosquito abundance (M)
1e8
Density

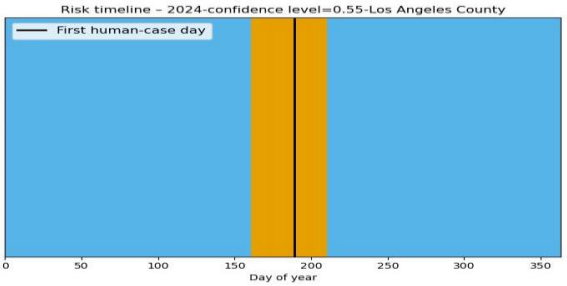

Los Angeles County 2023-confidence level=0.55
$(M, \bar{T})$ at first case
Average total temperature (°C·day)
Mosquito abundance (M)
1e8
Density

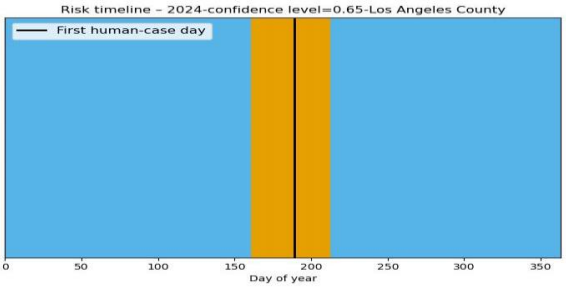


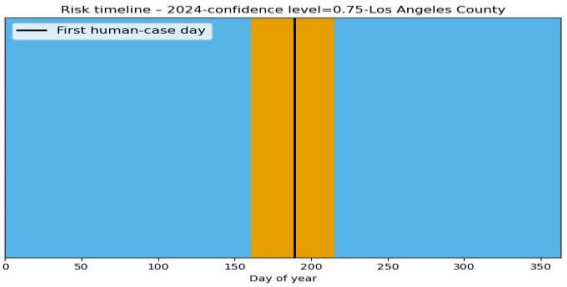
Los Angeles County 2024:

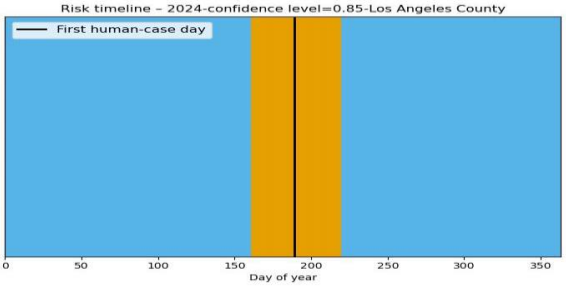


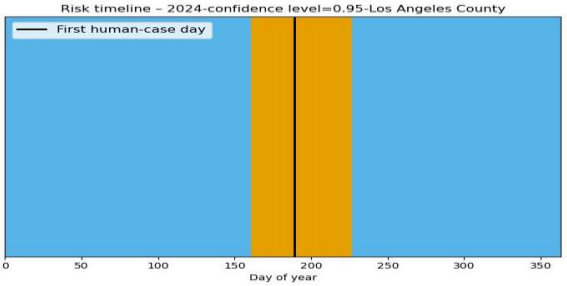

Risk timeline – 2024-confidence level=0.9-Los Angeles County
First human-case day
0
50
100
150
200
250
300
350
Day of year

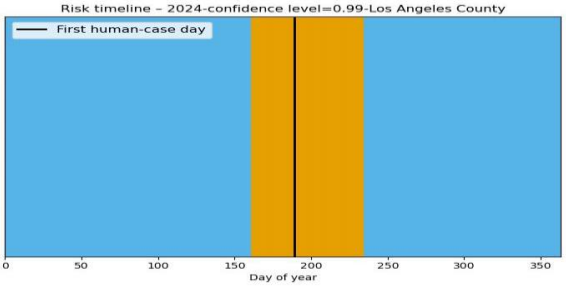

Risk timeline – 2024-confidence level=0.55-Los Angeles County
First human-case day
0
50
100
150
200
250
300
350
Day of year

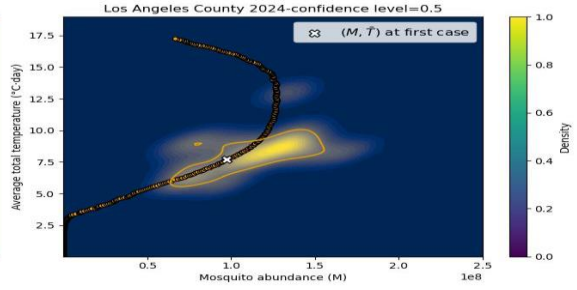

Risk timeline – 2024-confidence level=0.65-Los Angeles County
First human-case day
0
50
100
150
200
250
300
350
Day of year

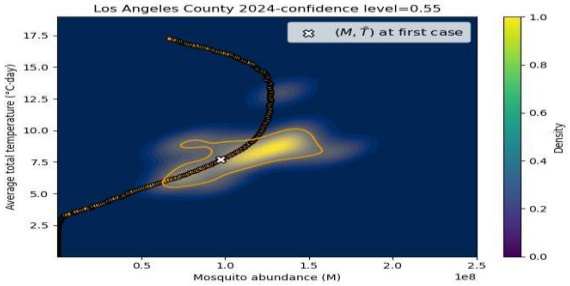

Risk timeline – 2024-confidence level=0.75-Los Angeles County
First human-case day
0
50
100
150
200
250
300
350
Day of year

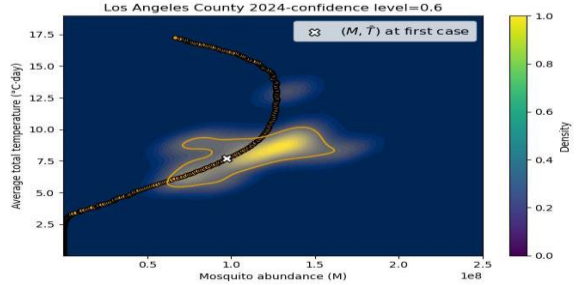

Risk timeline – 2024-confidence level=0.85-Los Angeles County
First human-case day
0
50
100
150
200
250
300
350
Day of year

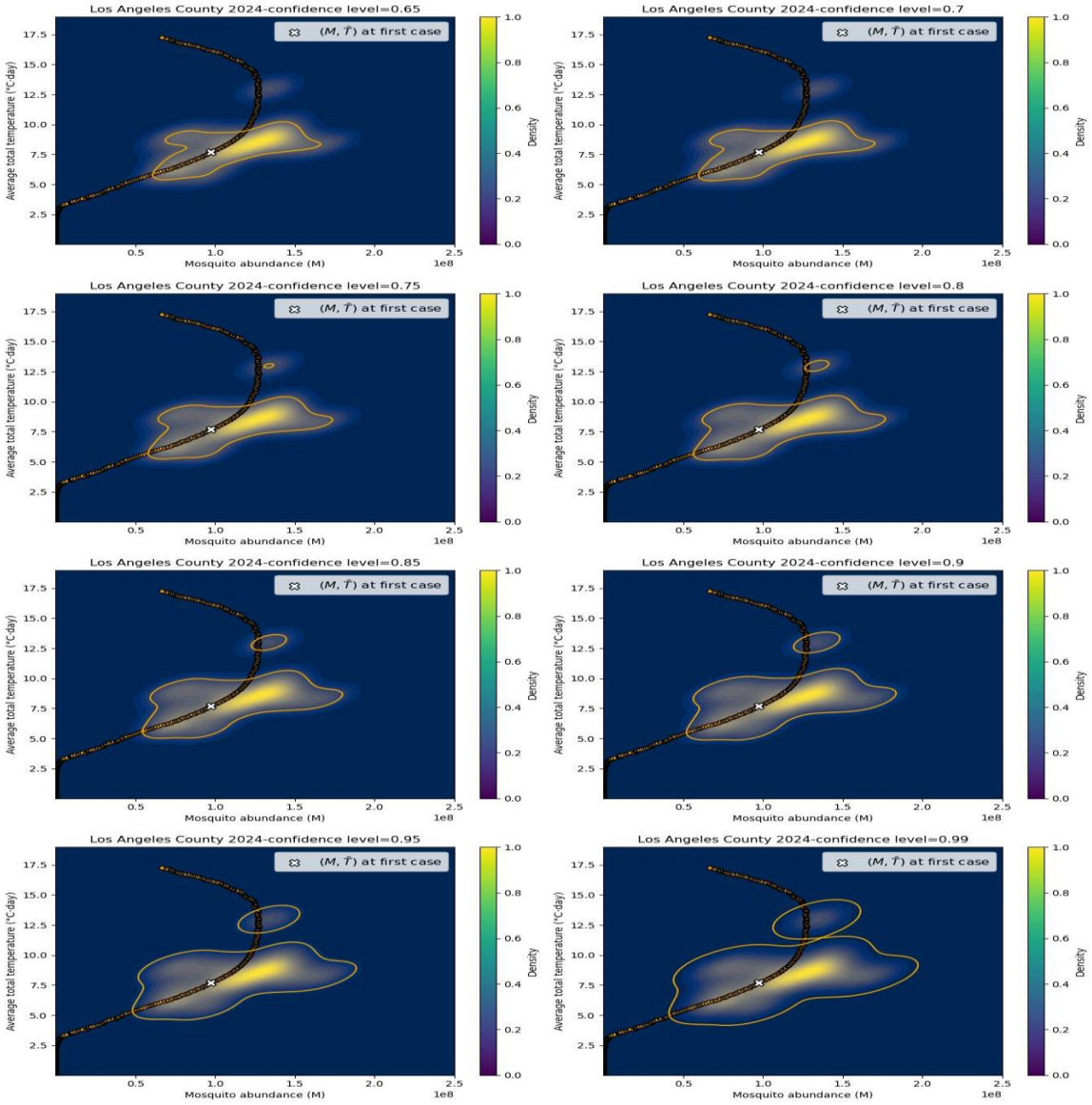

Risk timeline – 2024-confidence level=0.95-Los Angeles County
First human-case day
0
50
100
150
200
250
300
350
Day of year


Risk timeline – 2024-confidence level=0.99-Los Angeles County
First human-case day
0
50
100
150
200
250
300
350
Day of year


Los Angeles County 2024-confidence level=0.5
$(M, \bar{T})$ at first case
Average total temperature (°C·day)
2.5
5.0
7.5
10.0
12.5
15.0
17.5
0.5
1.0
1.5
2.0
2.5
1e8
Mosquito abundance (M)
Density
0.0
0.2
0.4
0.6
0.8
1.0

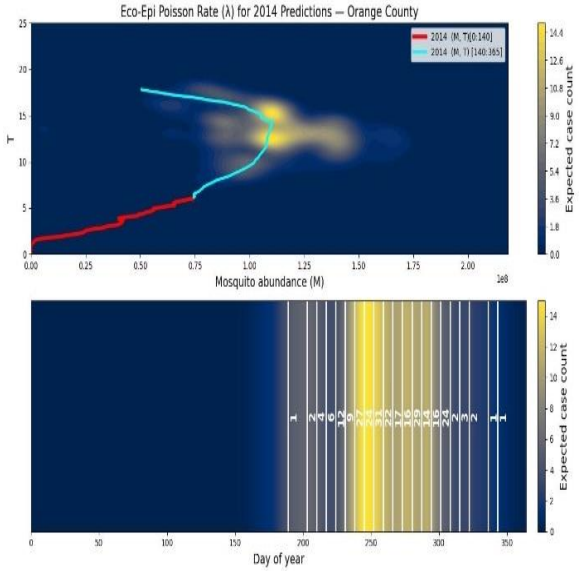

Los Angeles County 2024-confidence level=0.55
$(M, \bar{T})$ at first case
Average total temperature (°C·day)
2.5
5.0
7.5
10.0
12.5
15.0
17.5
0.5
1.0
1.5
2.0
2.5
1e8
Mosquito abundance (M)
Density
0.0
0.2
0.4
0.6
0.8
1.0


Los Angeles County 2024-confidence level=0.6
$(M, \bar{T})$ at first case
Average total temperature (°C·day)
2.5
5.0
7.5
10.0
12.5
15.0
17.5
0.5
1.0
1.5
2.0
2.5
1e8
Mosquito abundance (M)
Density
0.0
0.2
0.4
0.6
0.8
1.0

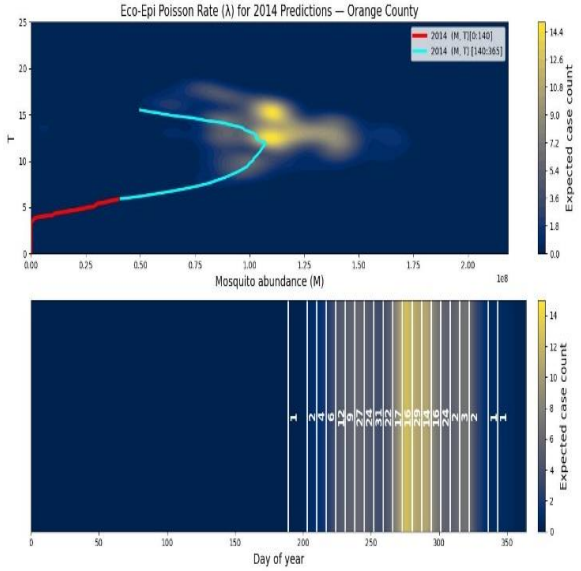


IX- Winter-spring effect of temperature on the severity

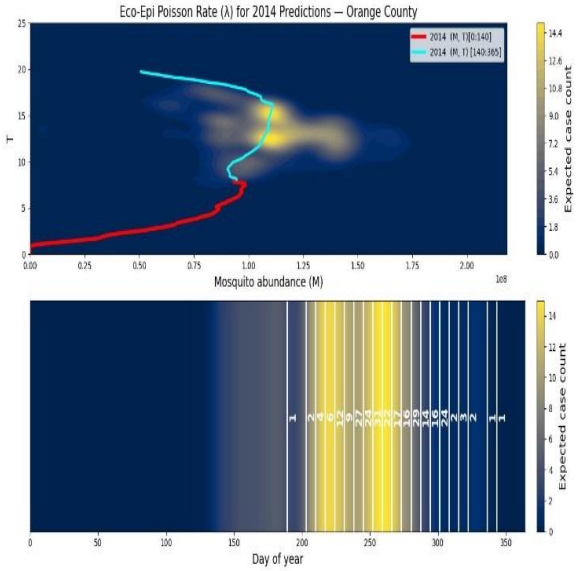
Real temperature



Cooler temperature (by -3)

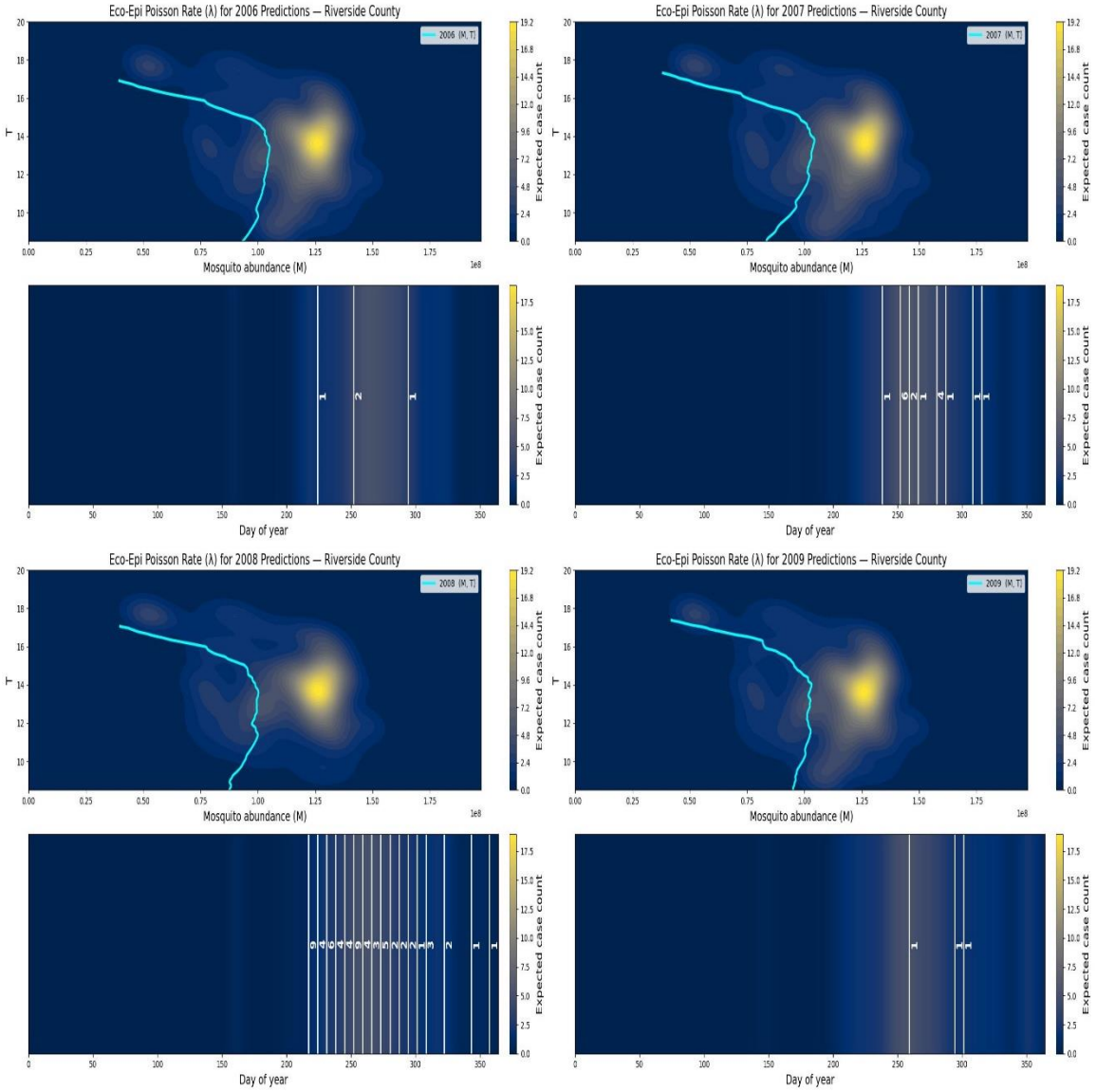


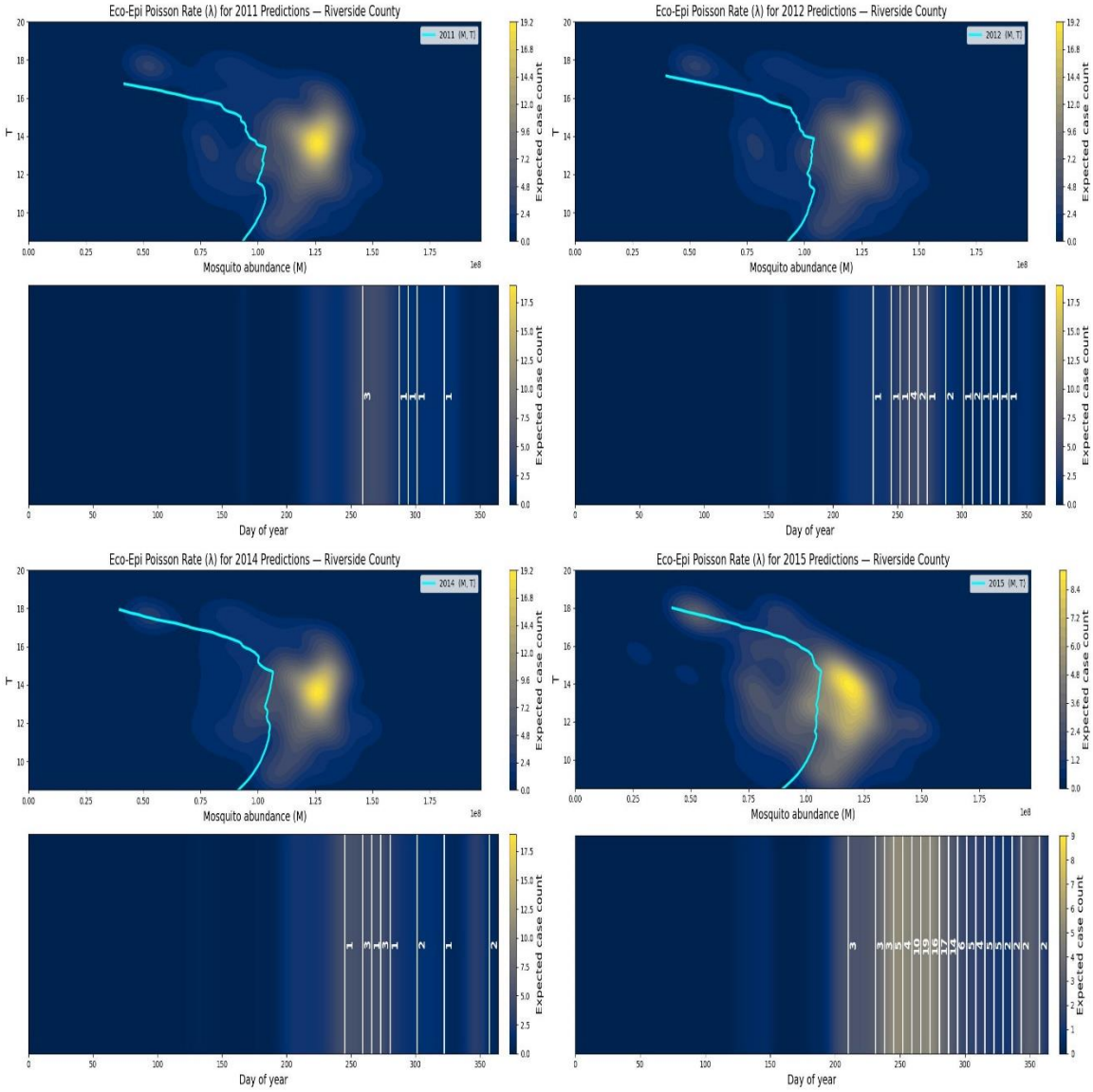
Hotter temperature (by +3)

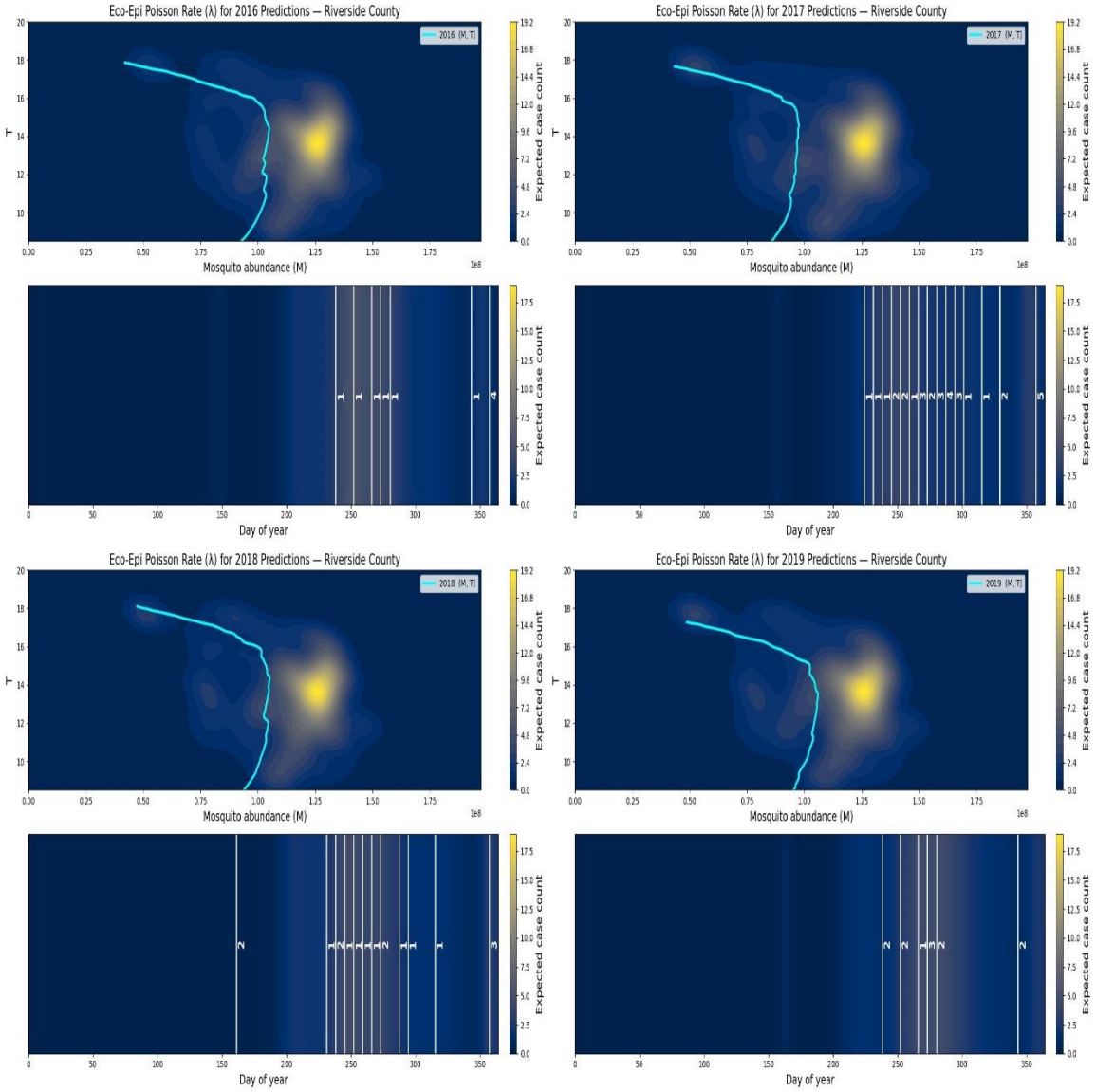


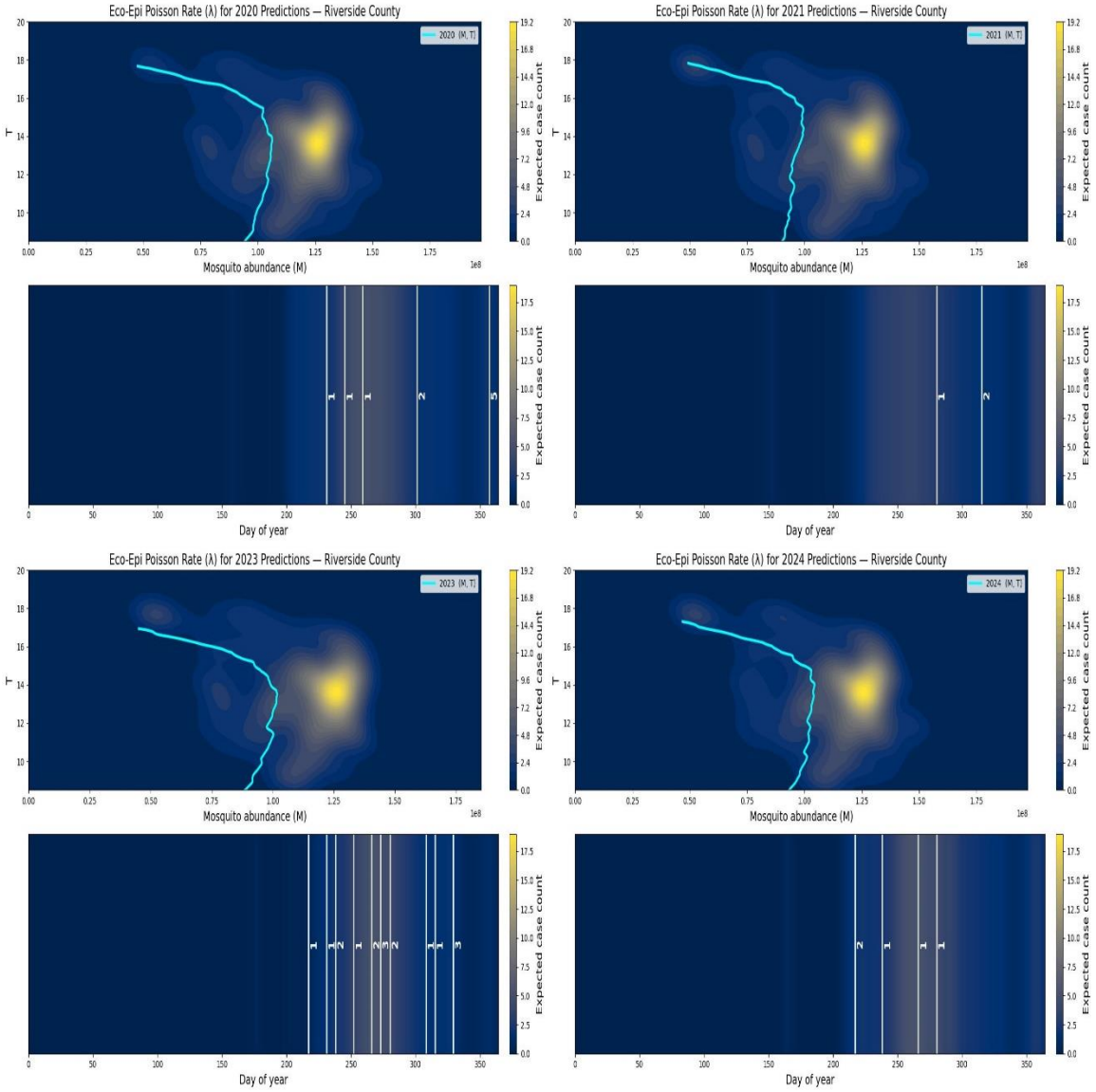
X-Risk maps

Riverside County

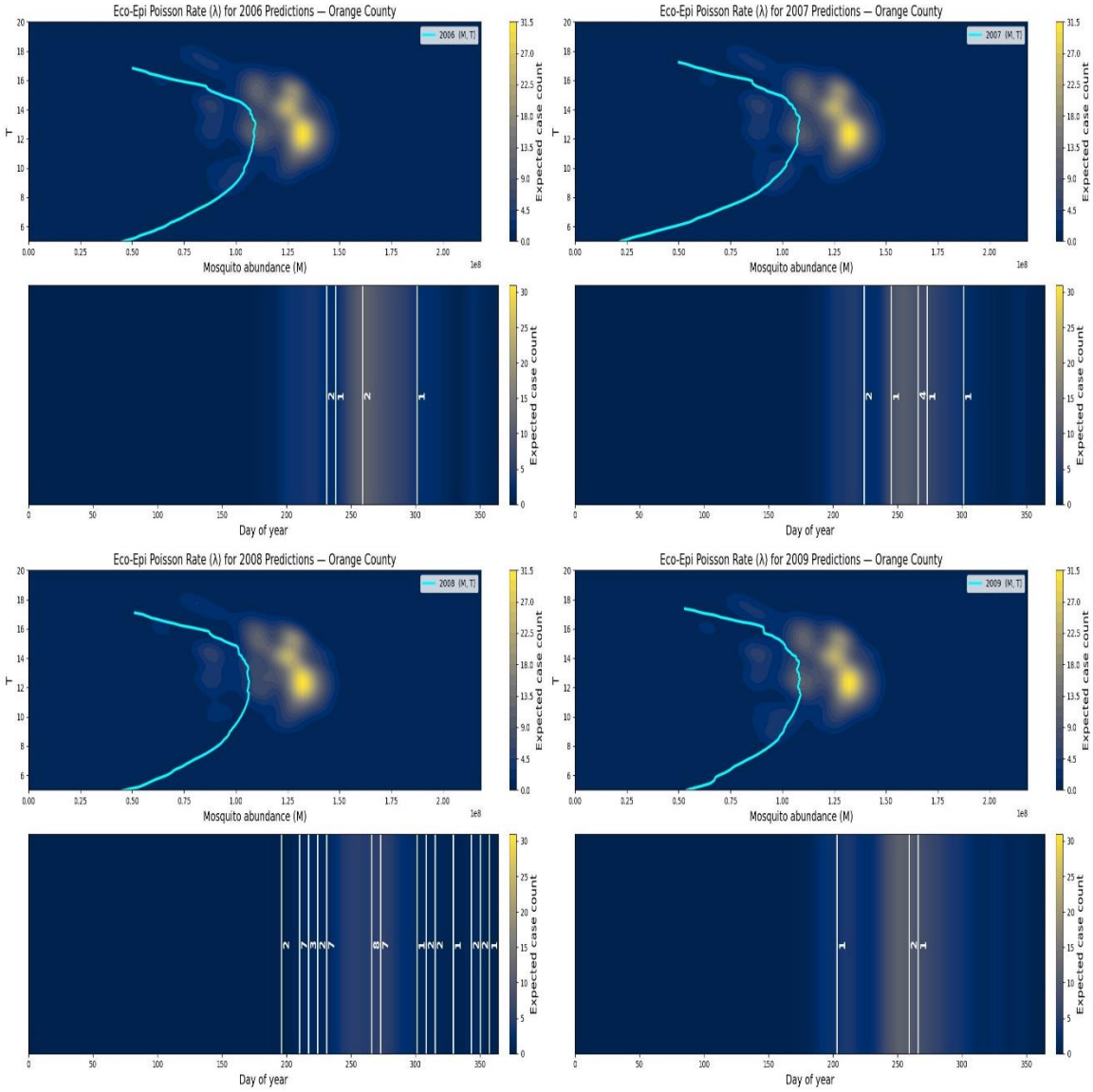

Eco-Epi Poisson Rate (λ) for 2006 Predictions — Riverside County
2006 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
1 2 1
Eco-Epi Poisson Rate (λ) for 2007 Predictions — Riverside County
2007 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
1 6 2 1 4 1 1 1
Eco-Epi Poisson Rate (λ) for 2008 Predictions — Riverside County
2008 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
6 5 5 4 4 4 3 3 3 3 2 2 2 2 3 2 1 1
Eco-Epi Poisson Rate (λ) for 2009 Predictions — Riverside County
2009 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
1 1 1

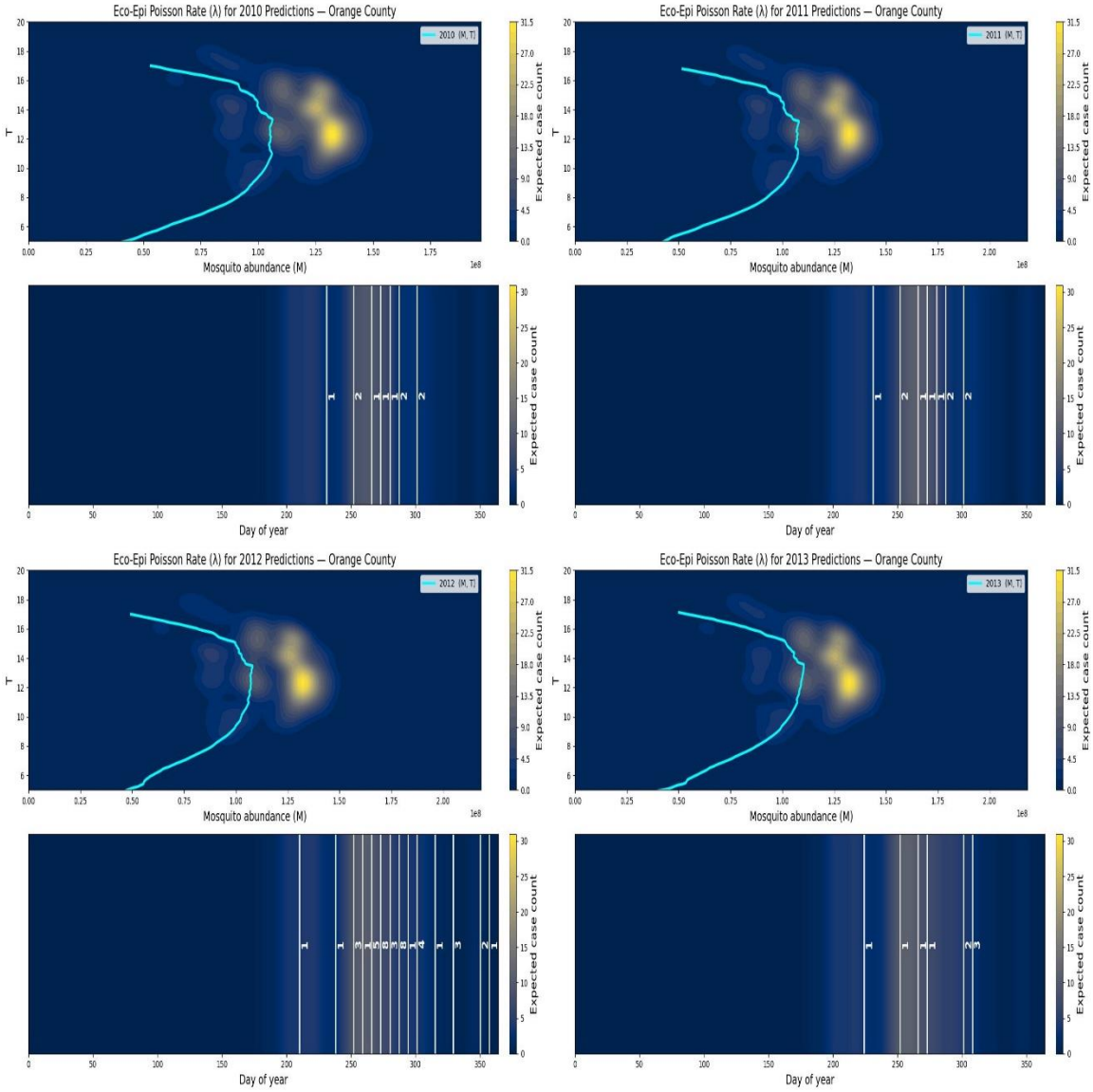

Eco-Epi Poisson Rate (λ) for 2011 Predictions — Riverside County
Eco-Epi Poisson Rate (λ) for 2012 Predictions — Riverside County
Eco-Epi Poisson Rate (λ) for 2014 Predictions — Riverside County
Eco-Epi Poisson Rate (λ) for 2015 Predictions — Riverside County
Mosquito abundance (M)
Day of year
Expected case count
T
1e8

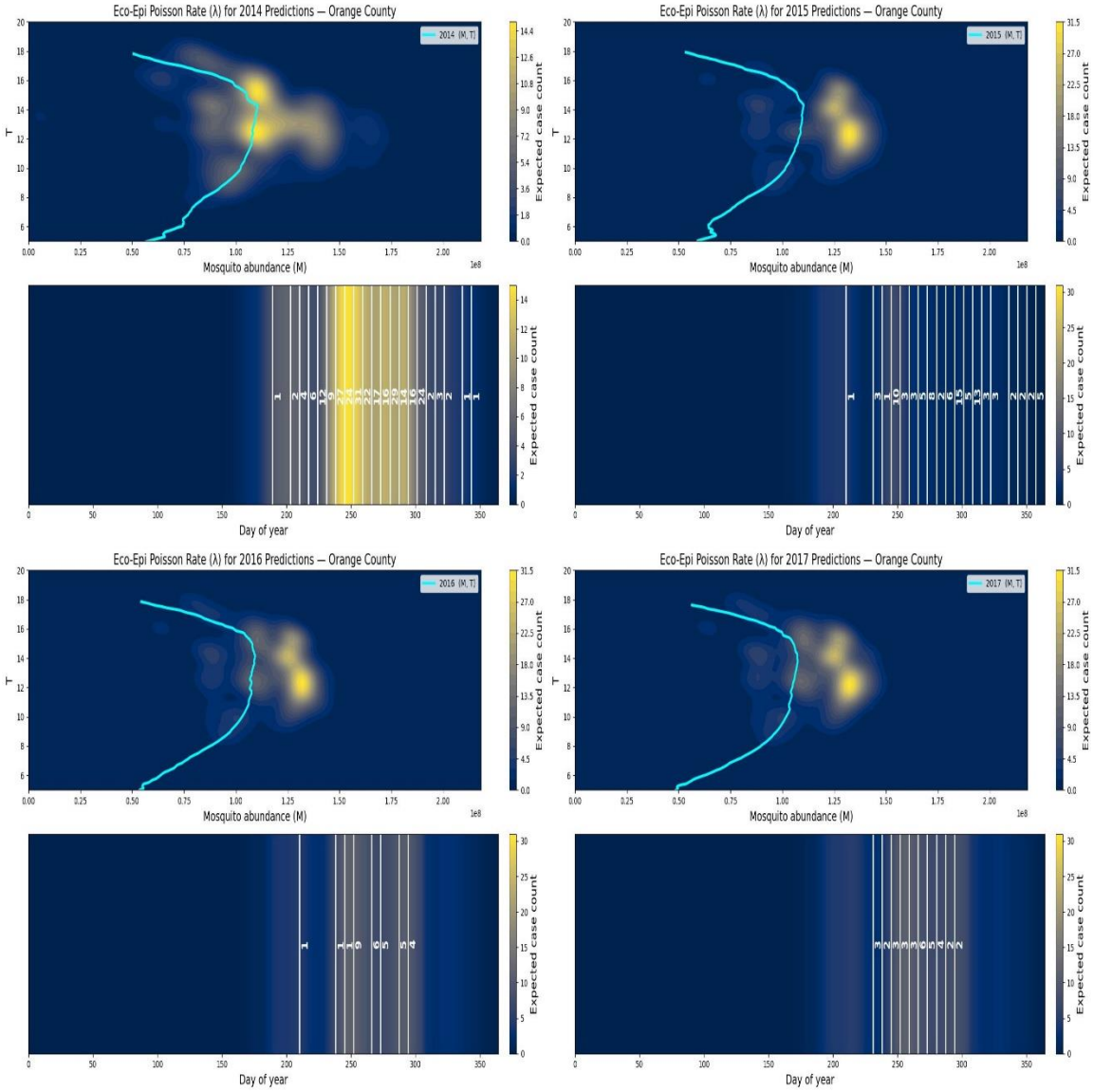

Eco-Epi Poisson Rate (λ) for 2016 Predictions — Riverside County
2016 (M, T)
Mosquito abundance (M)
1e8
T
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2017 Predictions — Riverside County
2017 (M, T)
Mosquito abundance (M)
1e8
T
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2018 Predictions — Riverside County
2018 (M, T)
Mosquito abundance (M)
1e8
T
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2019 Predictions — Riverside County
2019 (M, T)
Mosquito abundance (M)
1e8
T
Expected case count
Day of year

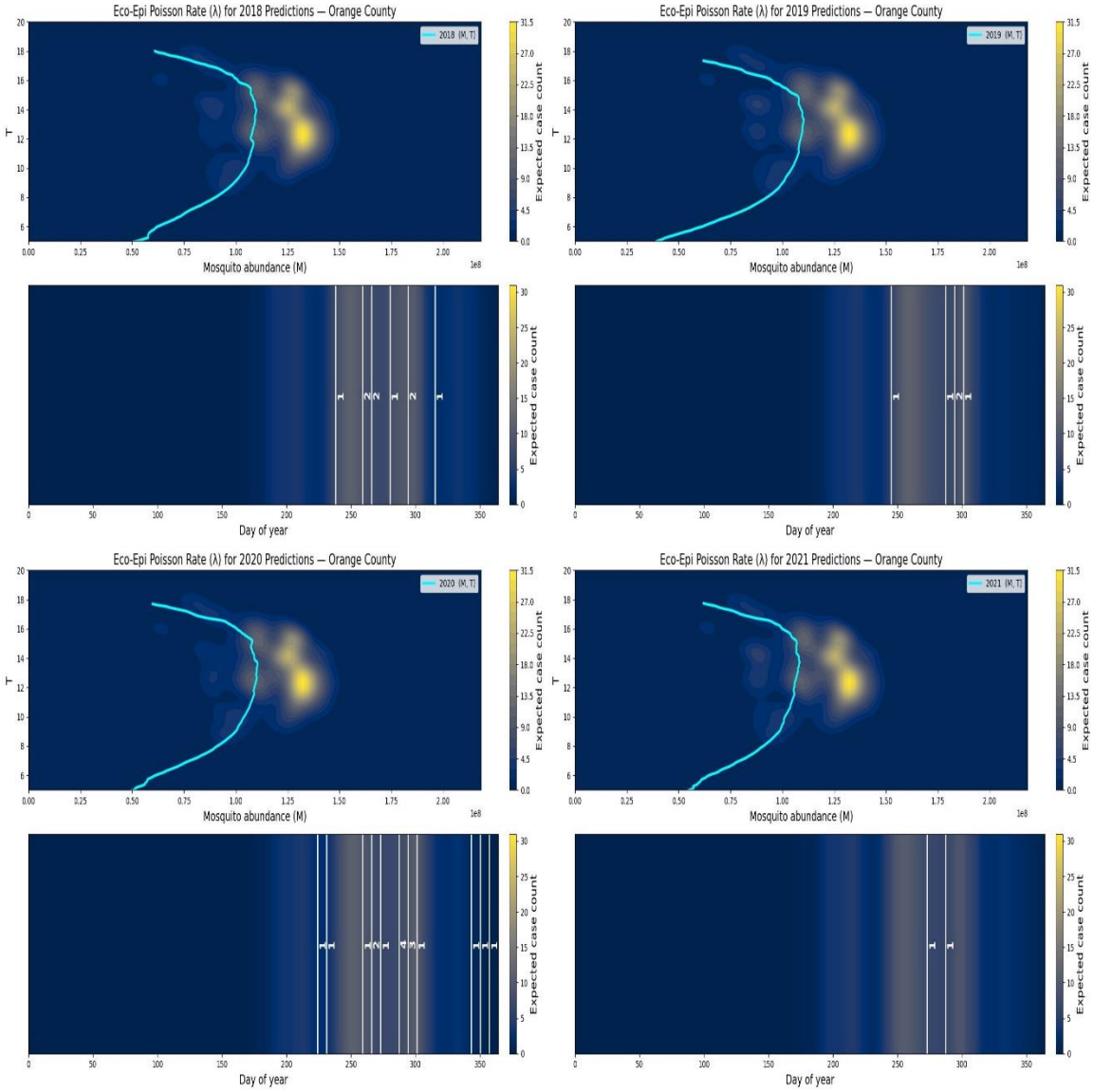


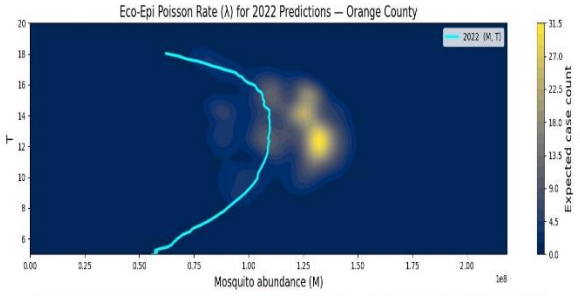
Orange County

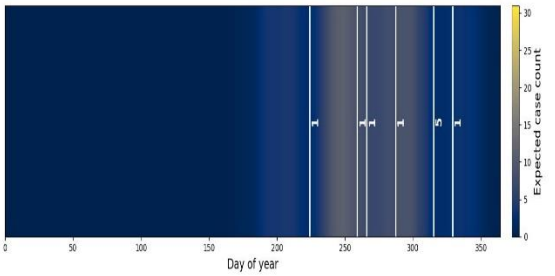

Eco-Epi Poisson Rate (λ) for 2006 Predictions — Orange County
2006 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2007 Predictions — Orange County
2007 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2008 Predictions — Orange County
2008 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2009 Predictions — Orange County
2009 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year

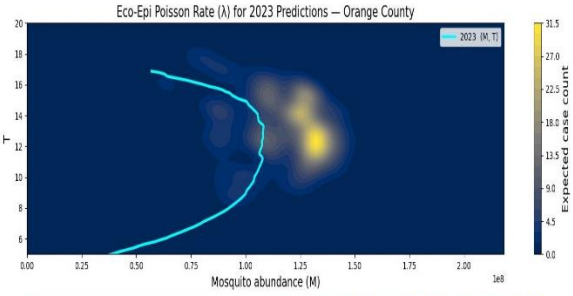

Eco-Epi Poisson Rate (λ) for 2010 Predictions — Orange County
2010 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2011 Predictions — Orange County
2011 (M, T)
Eco-Epi Poisson Rate (λ) for 2012 Predictions — Orange County
2012 (M, T)
Eco-Epi Poisson Rate (λ) for 2013 Predictions — Orange County
2013 (M, T)

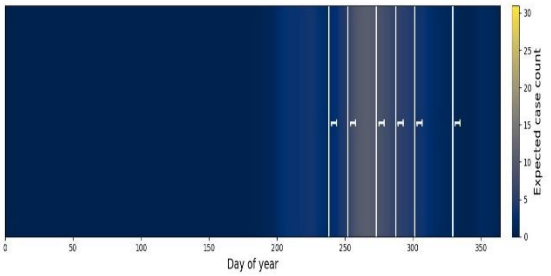

Eco-Epi Poisson Rate (λ) for 2014 Predictions — Orange County
2014 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2015 Predictions — Orange County
2015 (M, T)
Eco-Epi Poisson Rate (λ) for 2016 Predictions — Orange County
2016 (M, T)
Eco-Epi Poisson Rate (λ) for 2017 Predictions — Orange County
2017 (M, T)

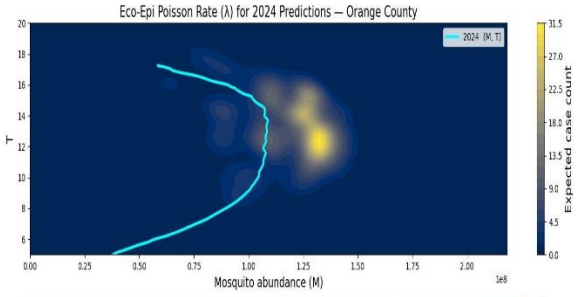

Eco-Epi Poisson Rate (λ) for 2018 Predictions — Orange County
2018 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2019 Predictions — Orange County
2019 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2020 Predictions — Orange County
2020 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2021 Predictions — Orange County
2021 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year

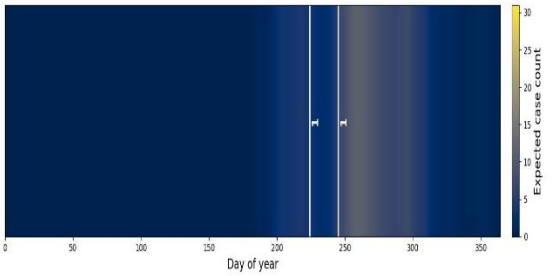

Eco-Epi Poisson Rate (λ) for 2022 Predictions — Orange County
2022 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count


1
1
2
1
5
1
Day of year
Expected case count

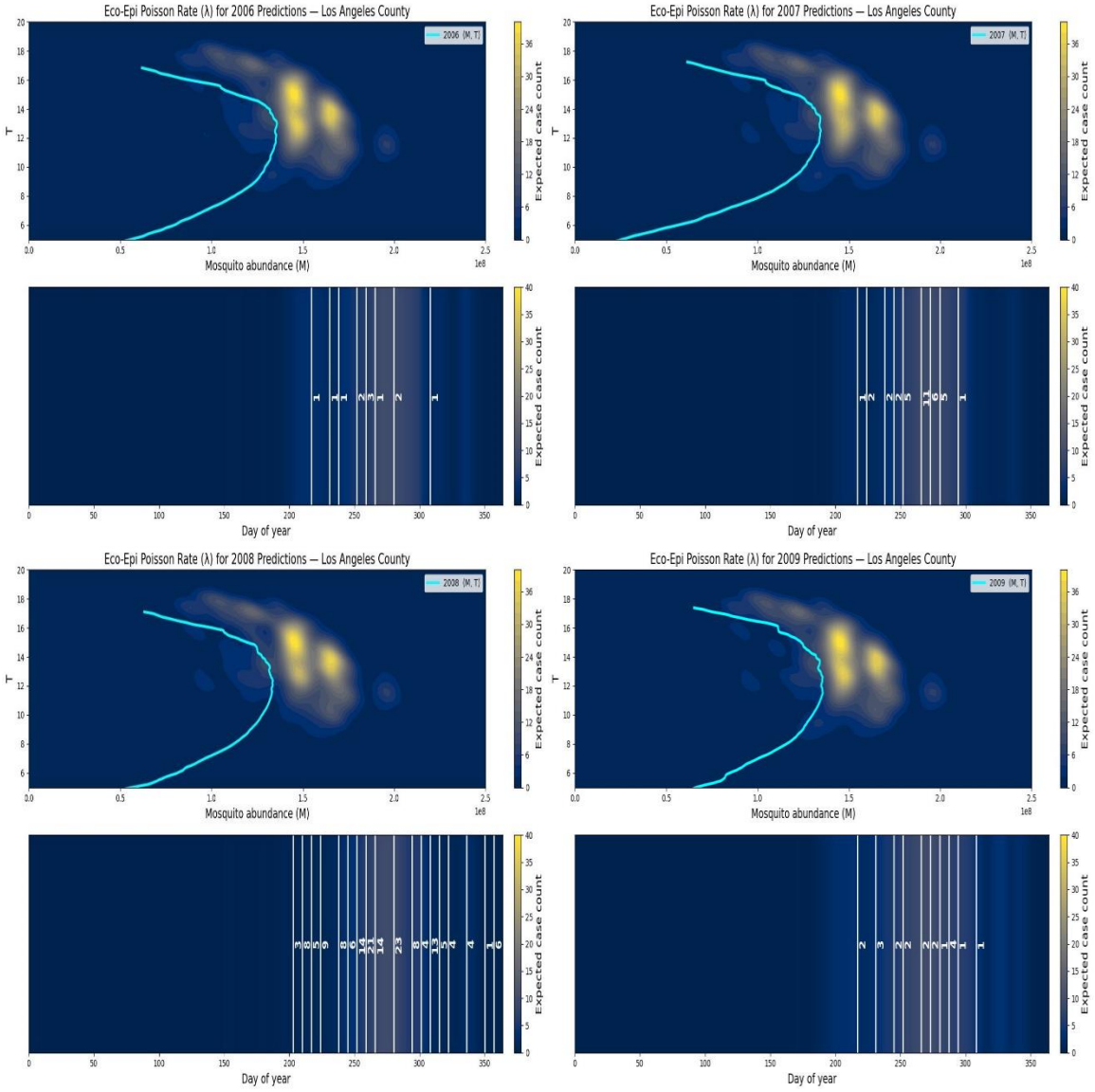

Eco-Epi Poisson Rate (λ) for 2023 Predictions — Orange County
2023 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count

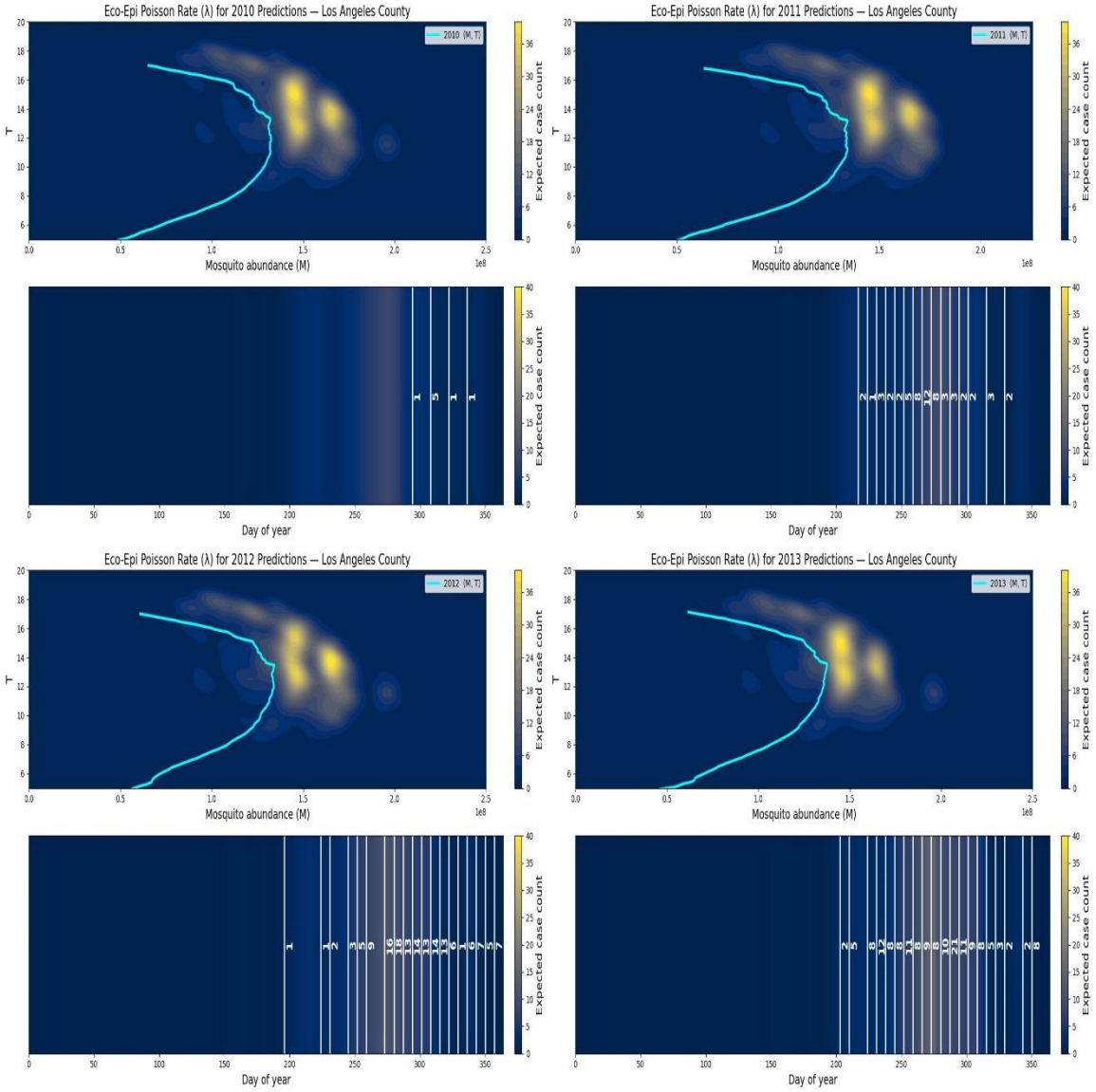

1
1
1
1
1
1
Day of year
Expected case count

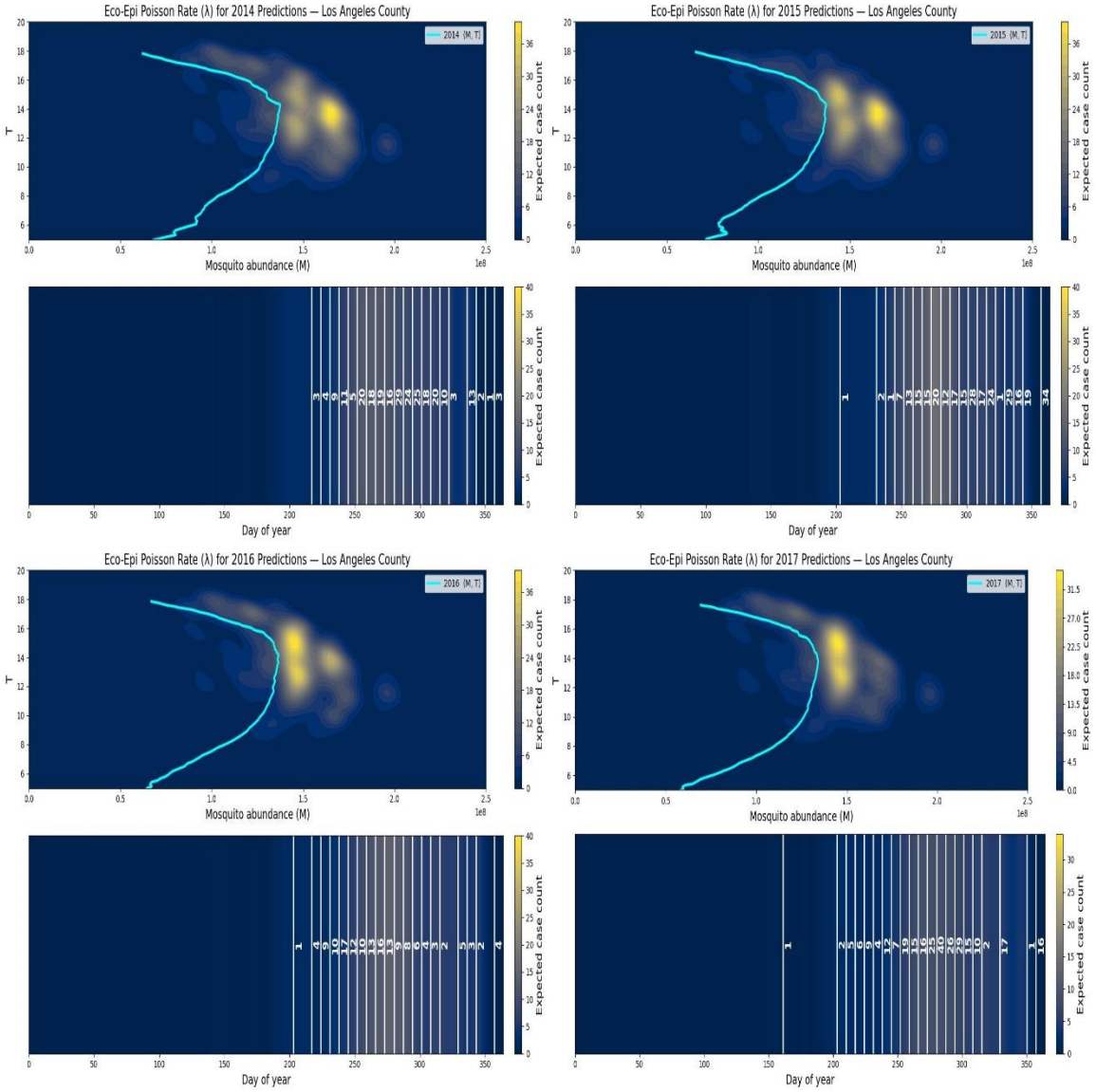

Eco-Epi Poisson Rate (λ) for 2024 Predictions — Orange County
2024 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count

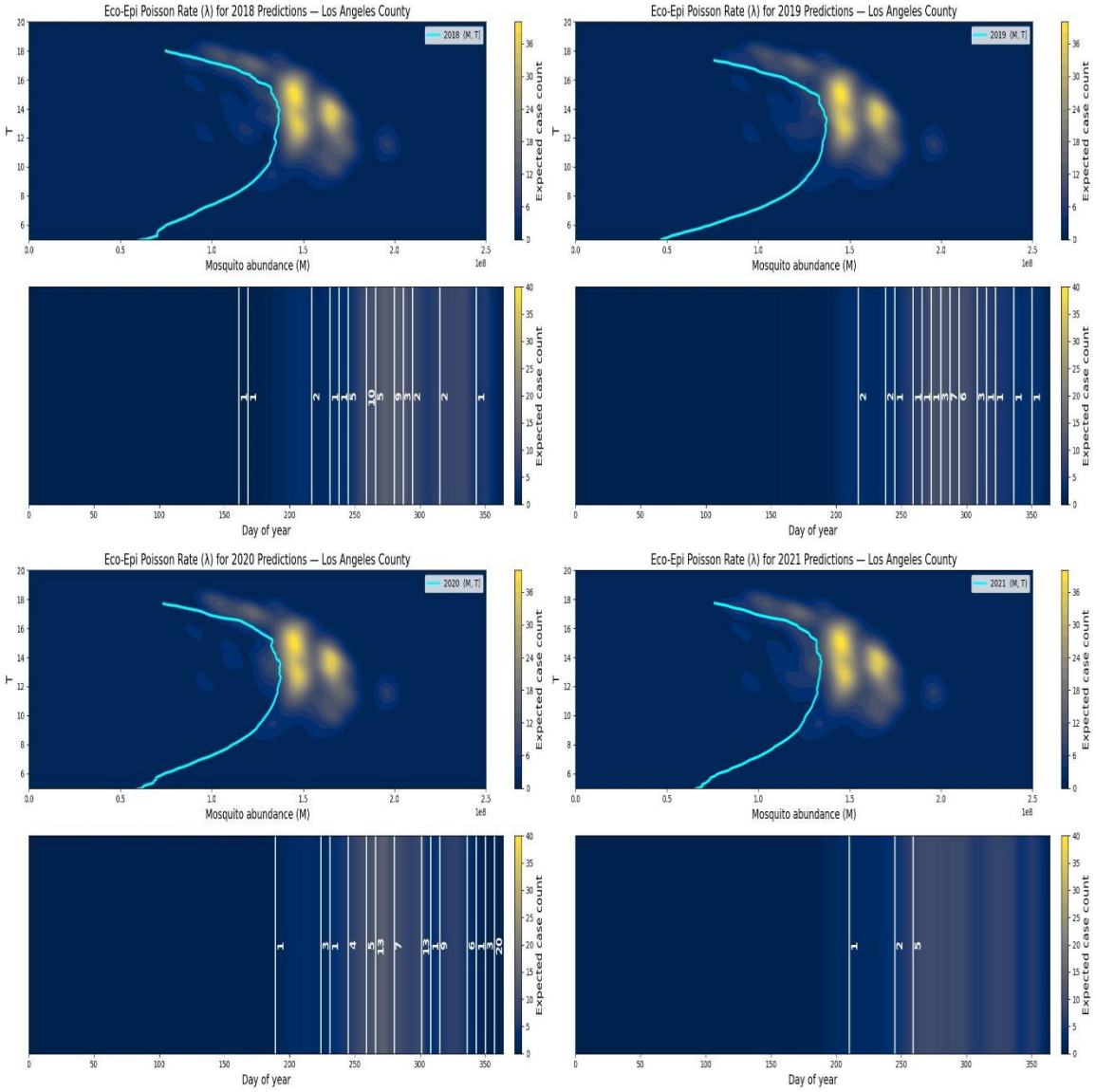

1
1
Day of year
Expected case count

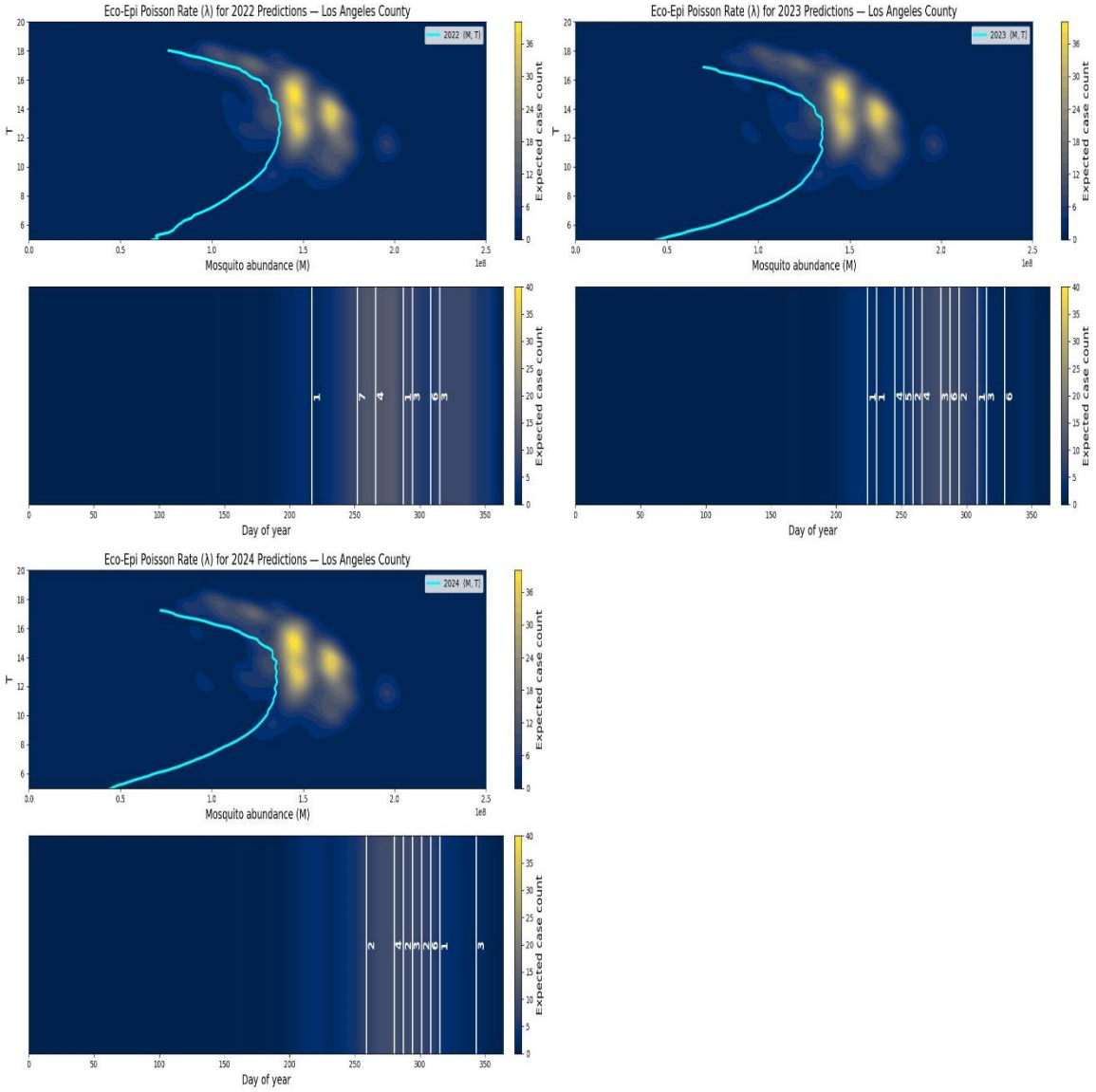
Los Angeles County



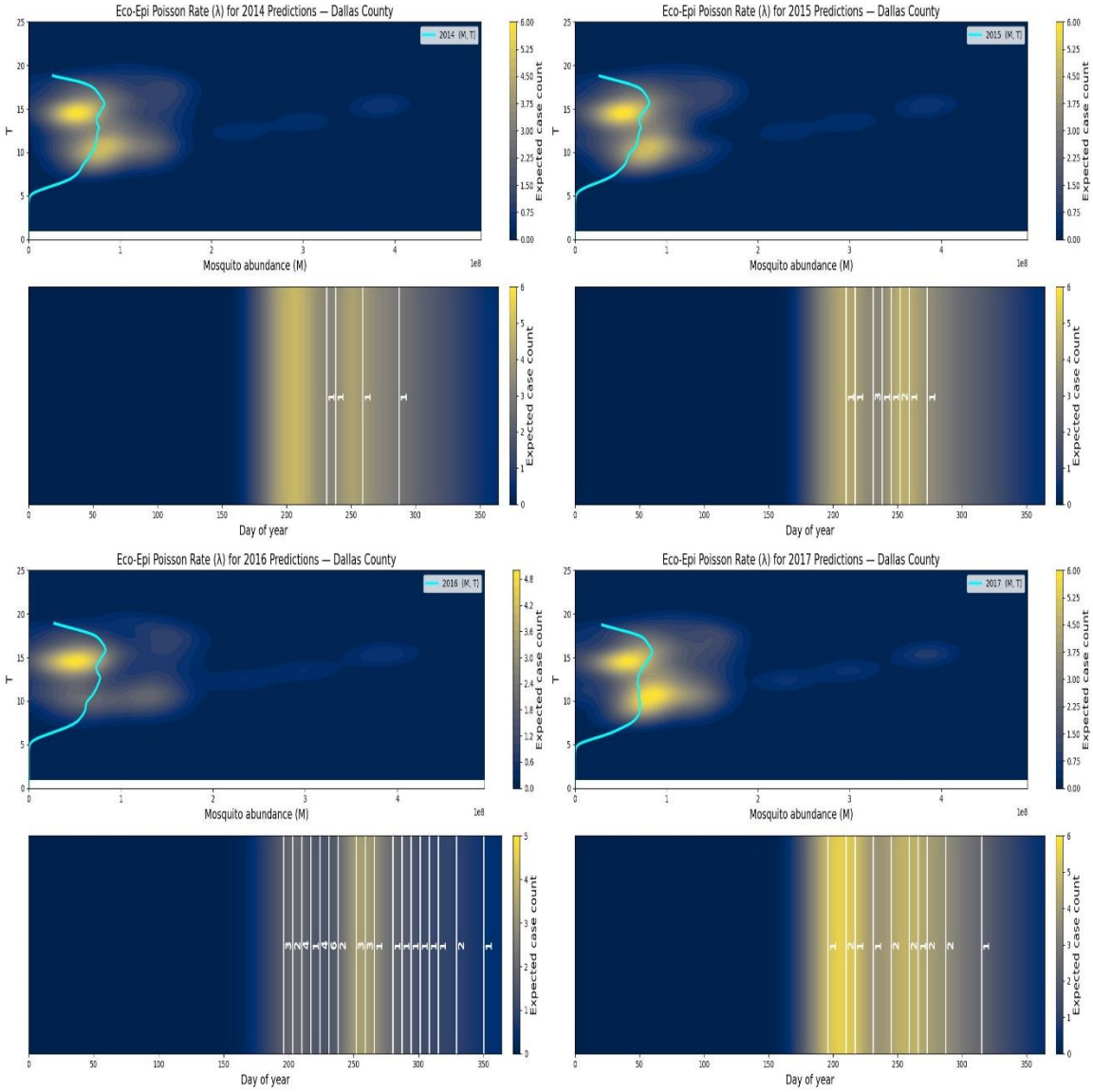

Eco-Epi Poisson Rate (λ) for 2010 Predictions — Los Angeles County
2010 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
1 5 1 1
Day of year
Eco-Epi Poisson Rate (λ) for 2011 Predictions — Los Angeles County
2011 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
2 1 1 2 2 2 5 6 12 9 3 3 2 2 3 2
Day of year
Eco-Epi Poisson Rate (λ) for 2012 Predictions — Los Angeles County
2012 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
1 2 2 3 3 9 16 18 13 13 14 13 6 16 7 5 7
Day of year
Eco-Epi Poisson Rate (λ) for 2013 Predictions — Los Angeles County
2013 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
2 2 5 8 12 8 8 11 8 9 9 8 10 21 21 9 8 5 3 2 2 8
Day of year

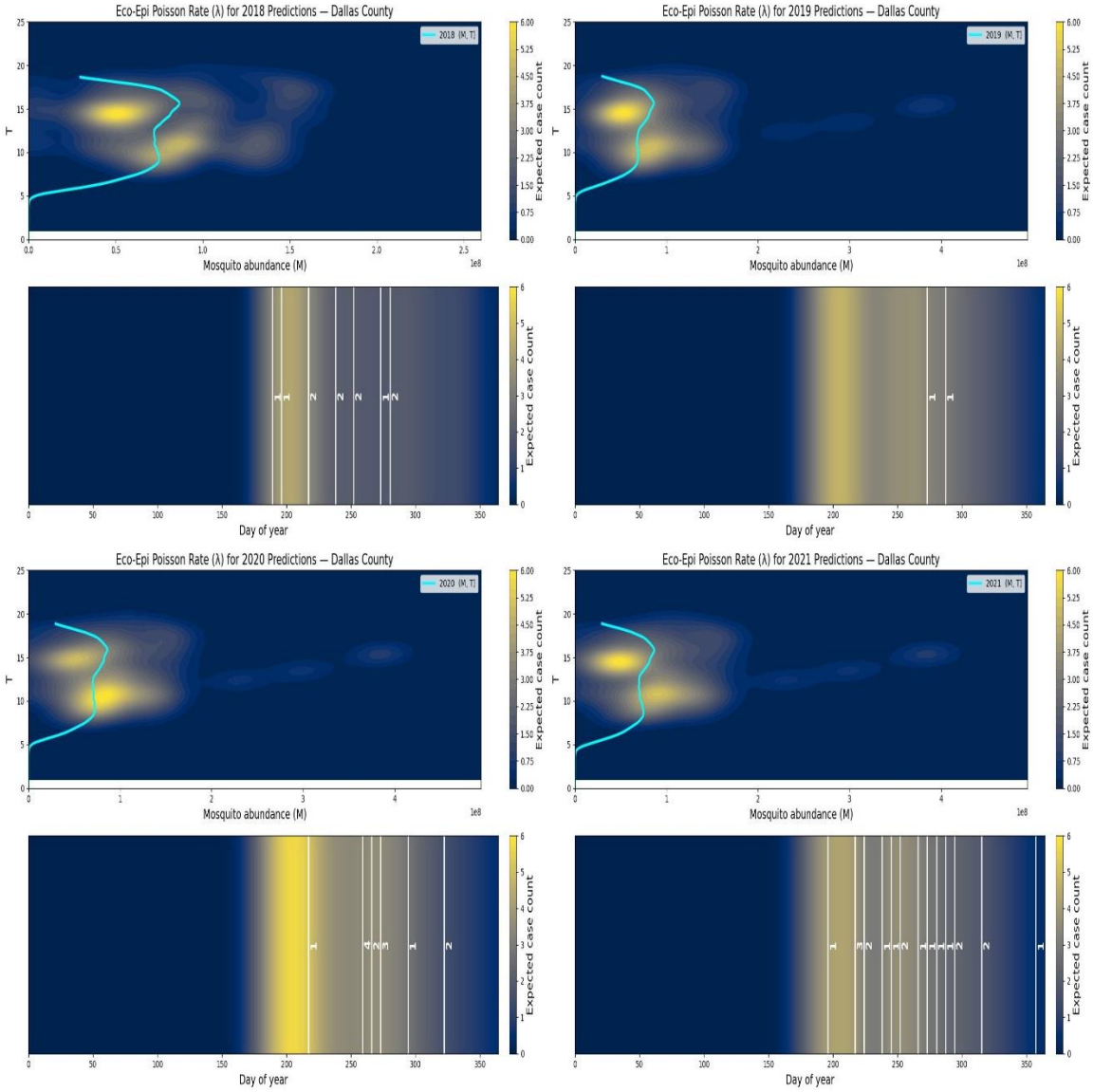

Eco-Epi Poisson Rate (λ) for 2014 Predictions — Los Angeles County
2014 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2015 Predictions — Los Angeles County
2015 (M, T)
Eco-Epi Poisson Rate (λ) for 2016 Predictions — Los Angeles County
2016 (M, T)
Eco-Epi Poisson Rate (λ) for 2017 Predictions — Los Angeles County
2017 (M, T)

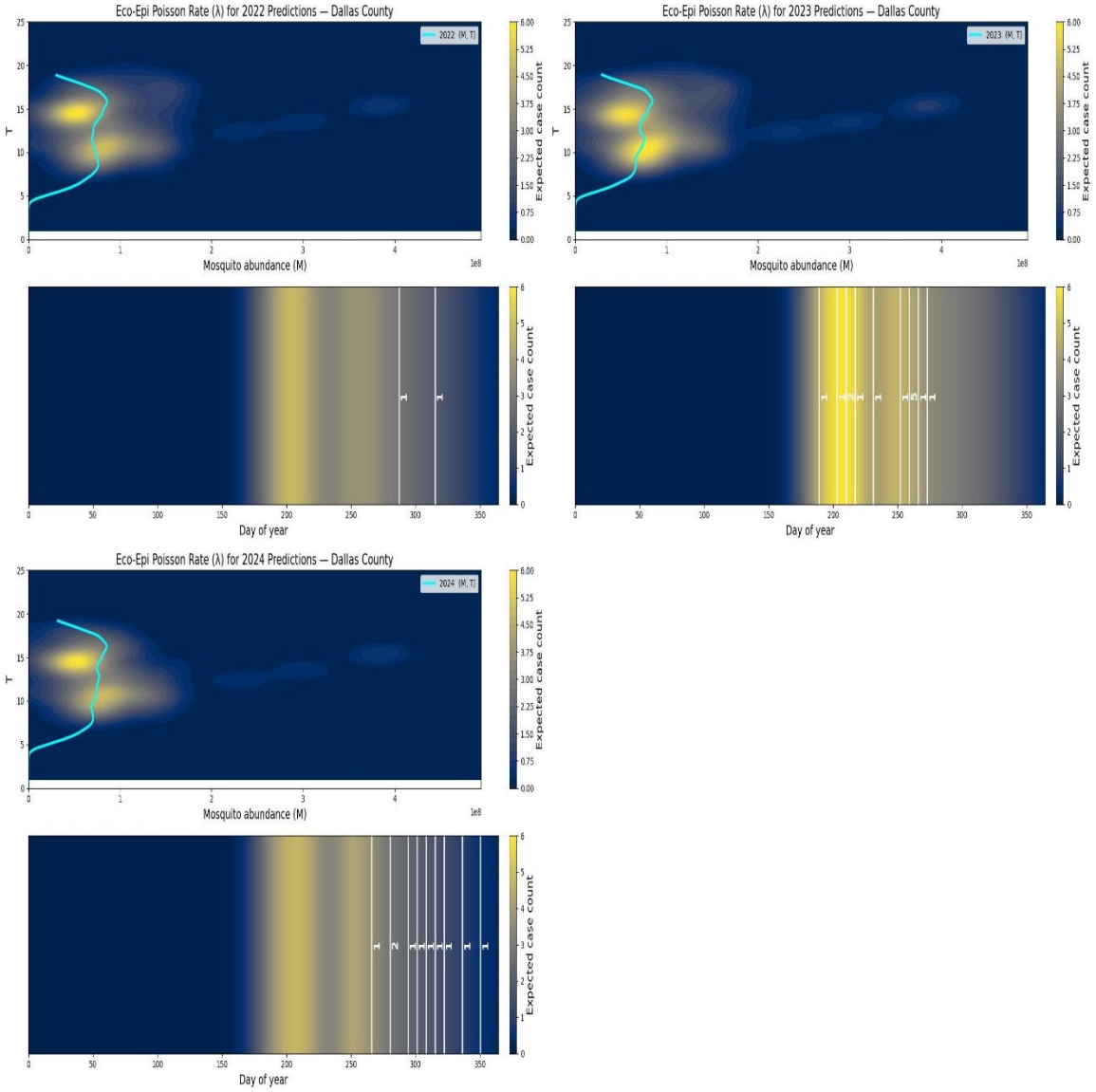

Eco-Epi Poisson Rate (λ) for 2018 Predictions — Los Angeles County
2018 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2019 Predictions — Los Angeles County
2019 (M, T)
Eco-Epi Poisson Rate (λ) for 2020 Predictions — Los Angeles County
2020 (M, T)
Eco-Epi Poisson Rate (λ) for 2021 Predictions — Los Angeles County
2021 (M, T)



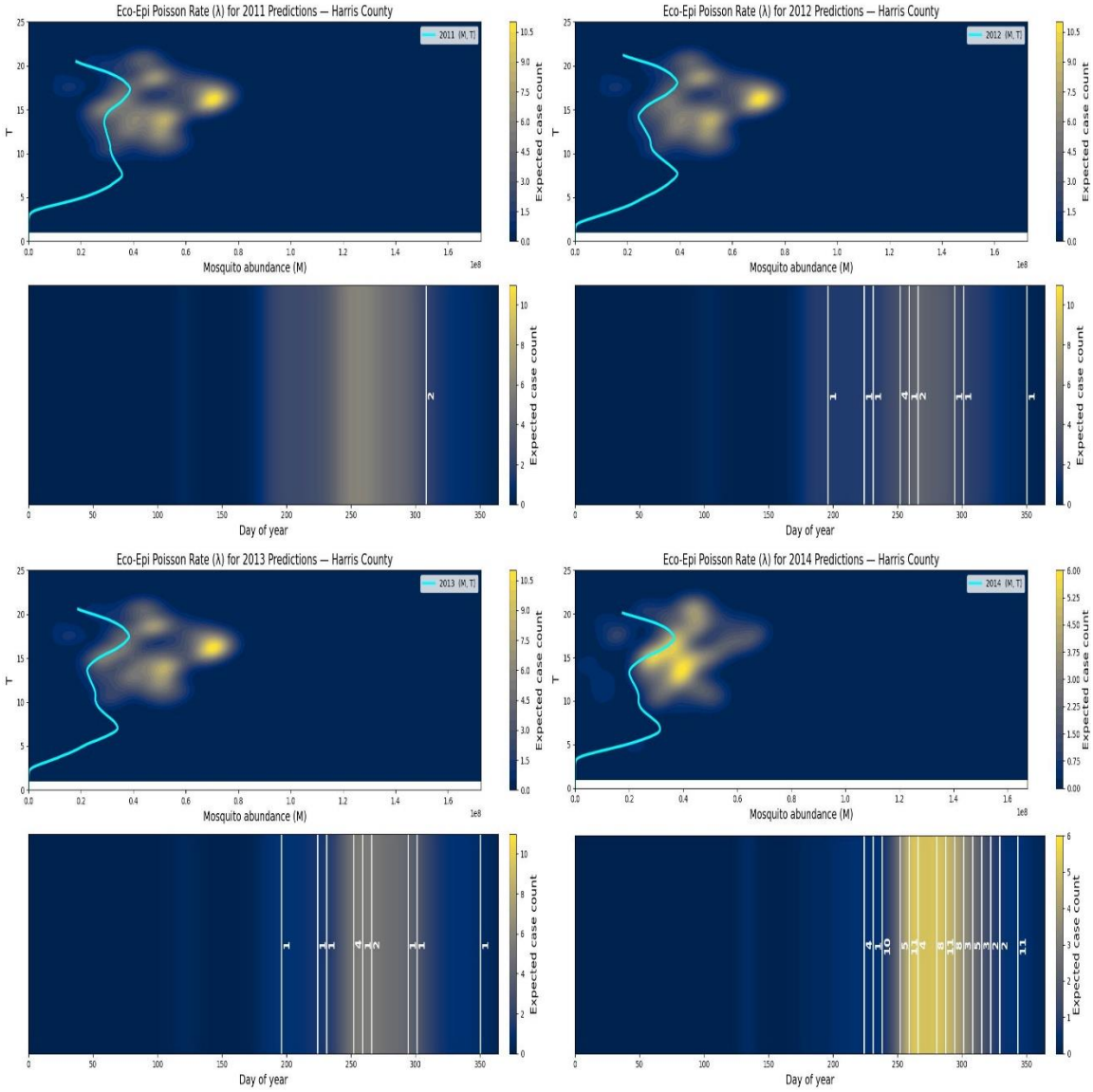
Dallas County

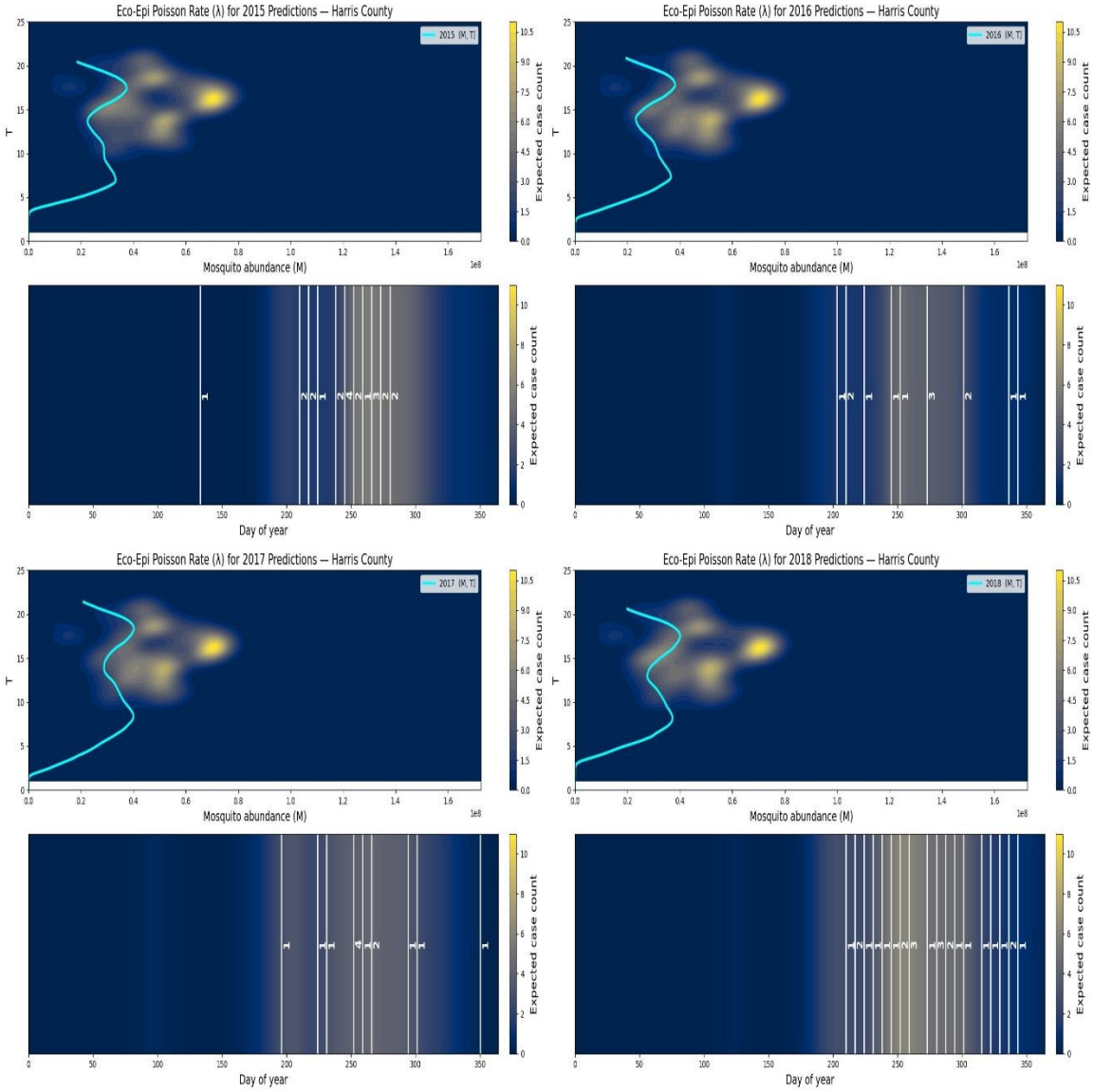

Eco-Epi Poisson Rate (λ) for 2014 Predictions — Dallas County
2014 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2015 Predictions — Dallas County
2015 (M, T)
Eco-Epi Poisson Rate (λ) for 2016 Predictions — Dallas County
2016 (M, T)
Eco-Epi Poisson Rate (λ) for 2017 Predictions — Dallas County
2017 (M, T)

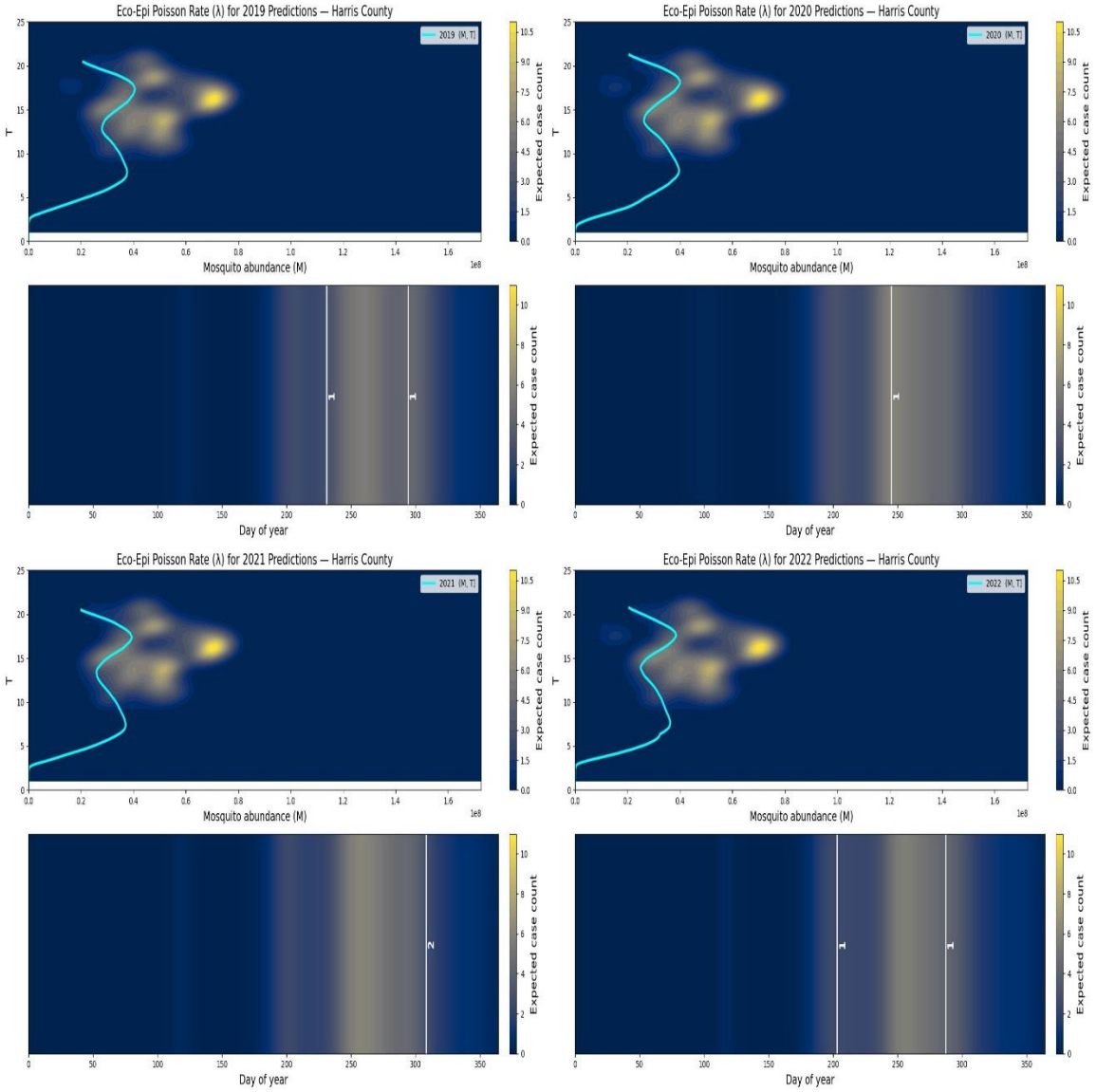

Eco-Epi Poisson Rate (λ) for 2018 Predictions — Dallas County
2018 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2019 Predictions — Dallas County
2019 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2020 Predictions — Dallas County
2020 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2021 Predictions — Dallas County
2021 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year

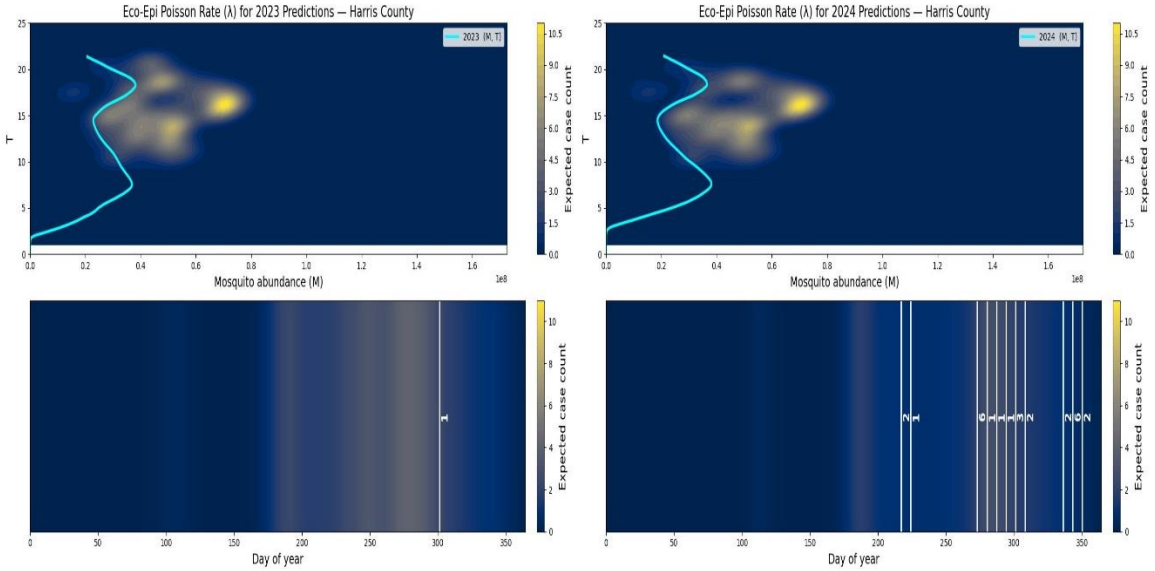


Harris County

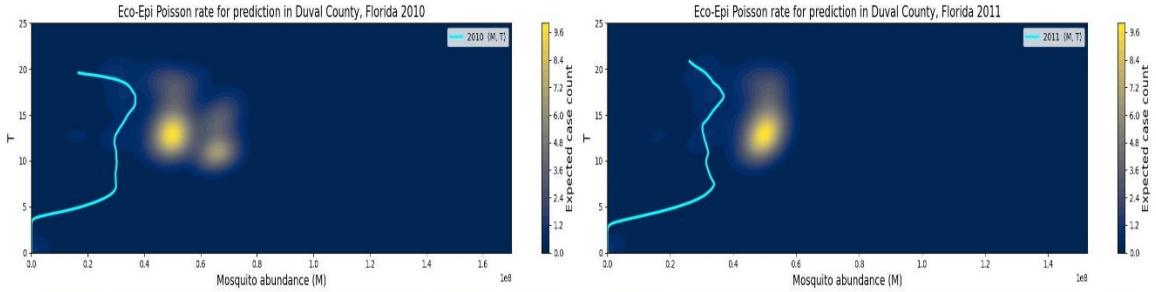

Eco-Epi Poisson Rate (λ) for 2011 Predictions — Harris County
2011 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2012 Predictions — Harris County
2012 (M, T)
Eco-Epi Poisson Rate (λ) for 2013 Predictions — Harris County
2013 (M, T)
Eco-Epi Poisson Rate (λ) for 2014 Predictions — Harris County
2014 (M, T)

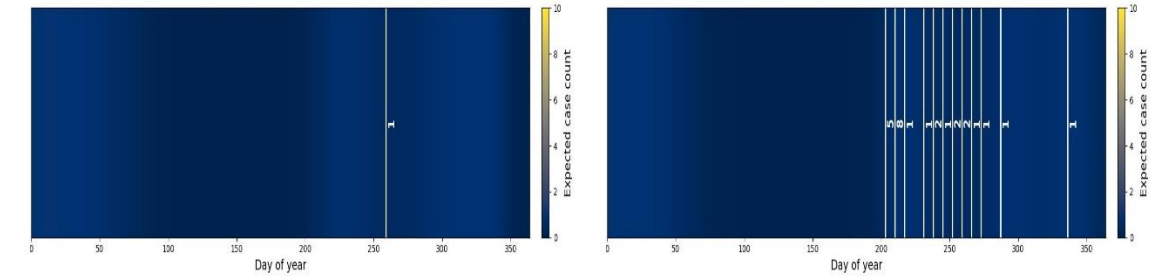

Eco-Epi Poisson Rate (λ) for 2015 Predictions — Harris County
2015 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2016 Predictions — Harris County
2016 (M, T)
Eco-Epi Poisson Rate (λ) for 2017 Predictions — Harris County
2017 (M, T)
Eco-Epi Poisson Rate (λ) for 2018 Predictions — Harris County
2018 (M, T)

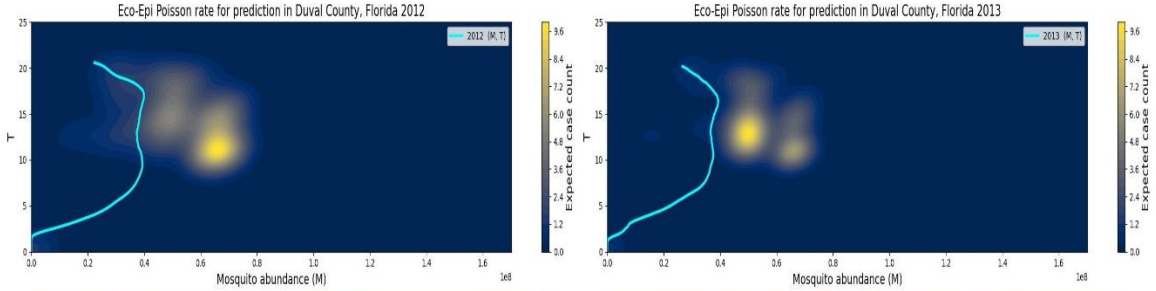

Eco-Epi Poisson Rate (λ) for 2019 Predictions — Harris County
2019 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson Rate (λ) for 2020 Predictions — Harris County
2020 (M, T)
Eco-Epi Poisson Rate (λ) for 2021 Predictions — Harris County
2021 (M, T)
Eco-Epi Poisson Rate (λ) for 2022 Predictions — Harris County
2022 (M, T)

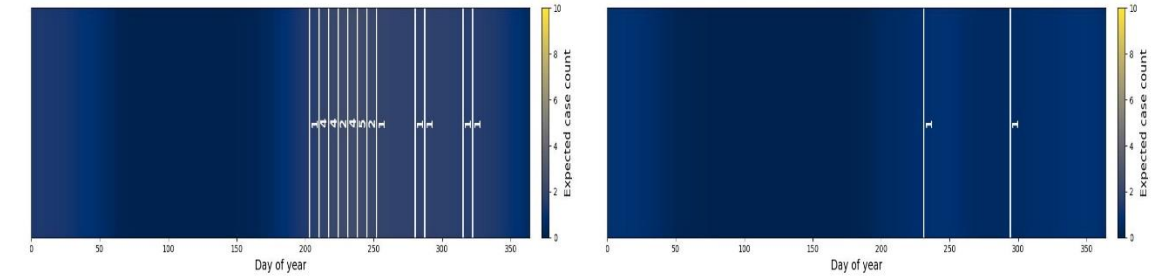

Eco-Epi Poisson Rate (λ) for 2023 Predictions — Harris County
2023 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Eco-Epi Poisson Rate (λ) for 2024 Predictions — Harris County
2024 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
1
Day of year
Expected case count
2 1 0 1 1 1 3 2
Day of year
Expected case count

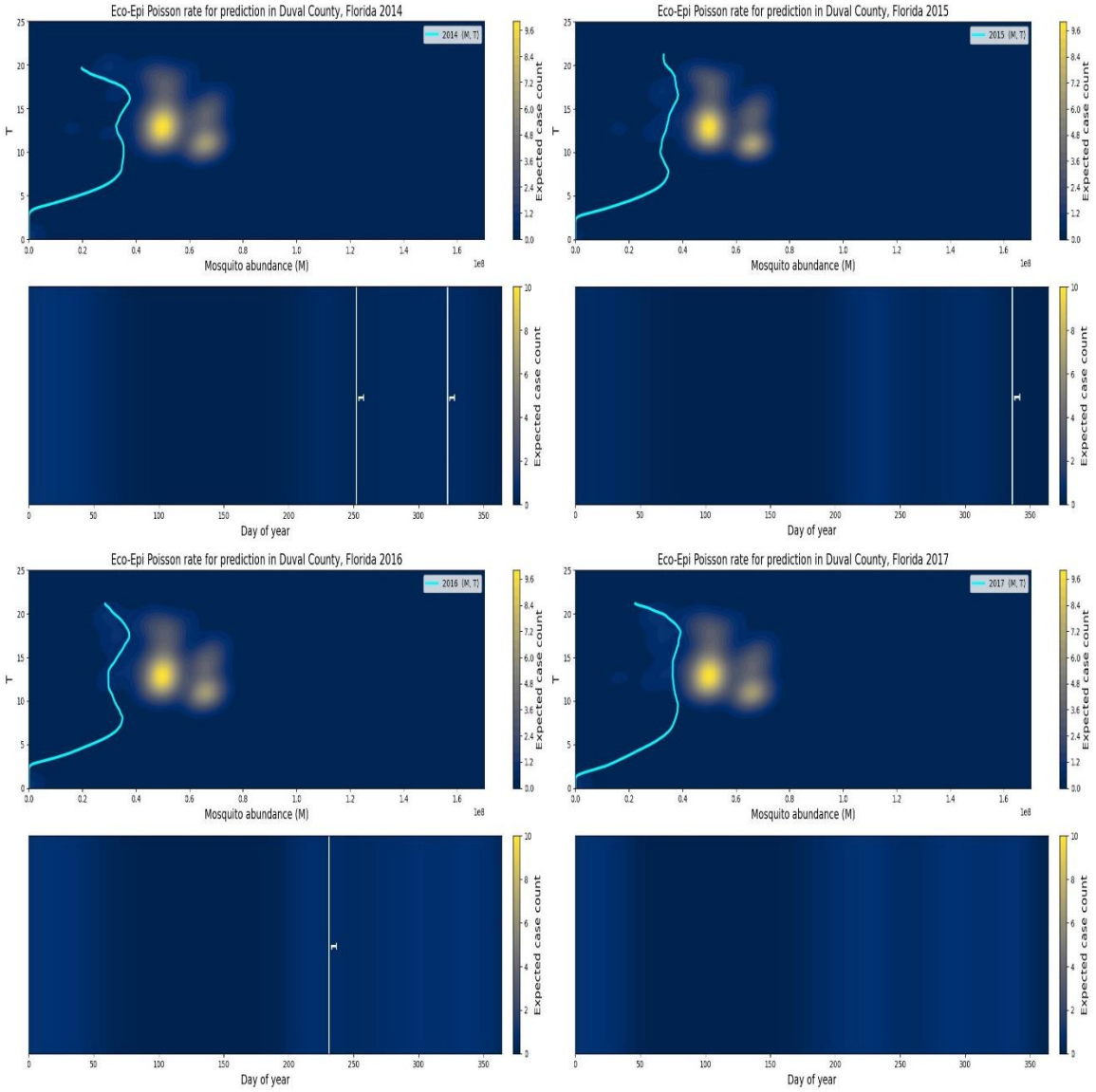
Duval County

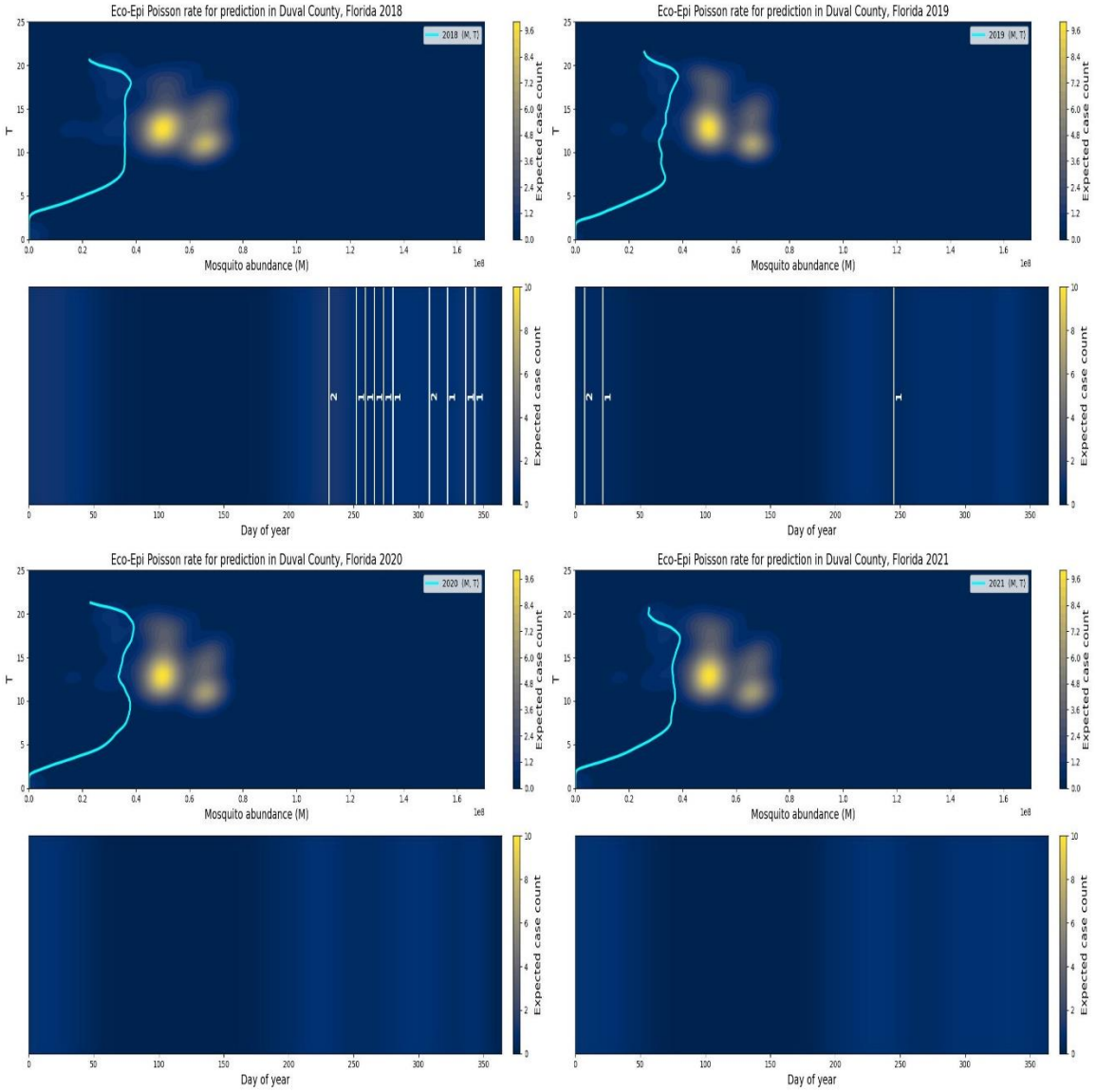


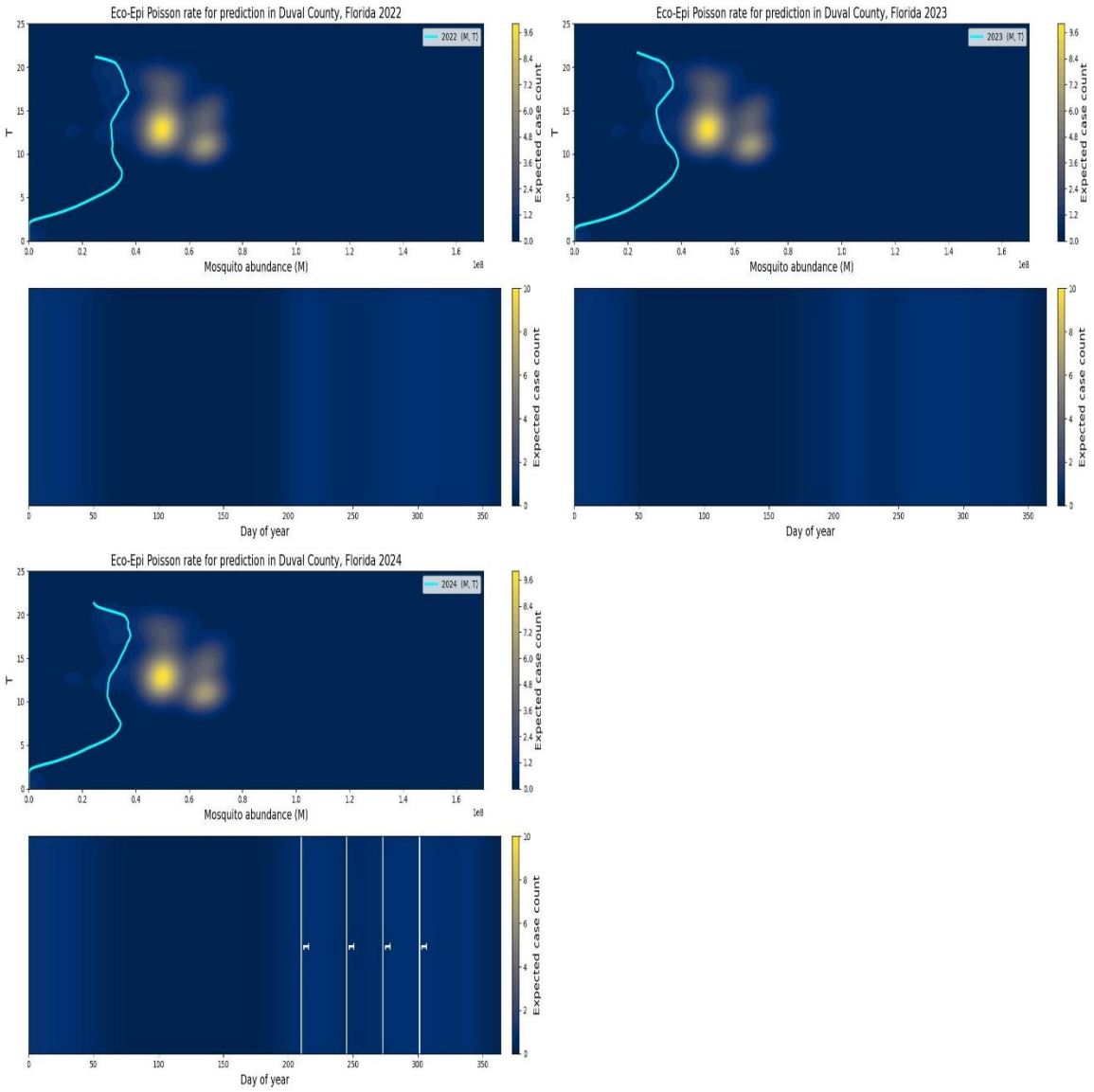






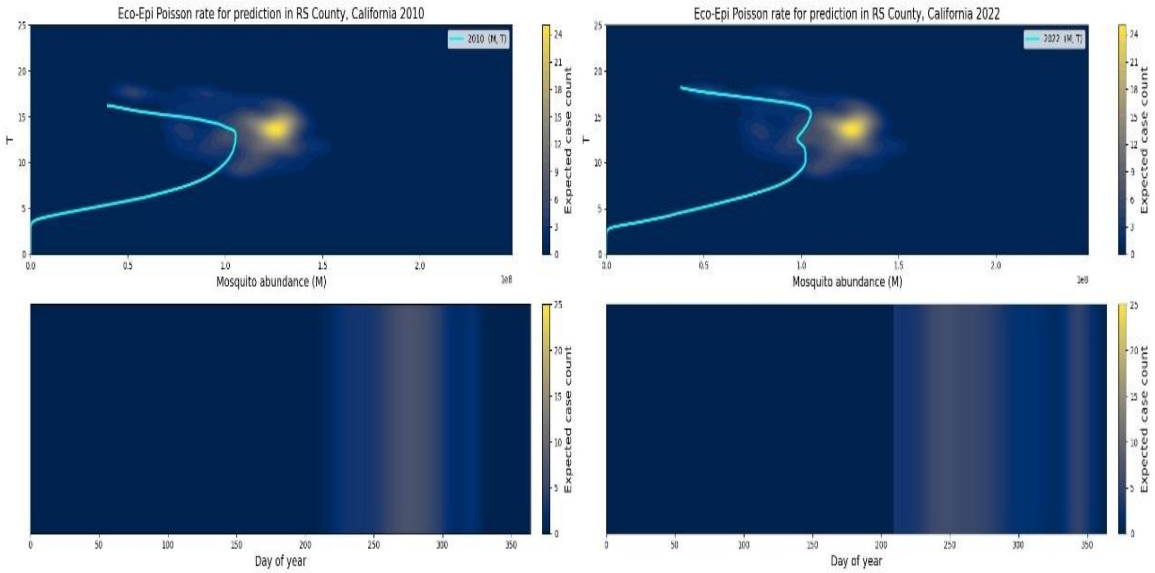

Eco-Epi Poisson rate for prediction in Duval County, Florida 2014
2014 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson rate for prediction in Duval County, Florida 2015
2015 (M, T)
Eco-Epi Poisson rate for prediction in Duval County, Florida 2016
2016 (M, T)
Eco-Epi Poisson rate for prediction in Duval County, Florida 2017
2017 (M, T)


Eco-Epi Poisson rate for prediction in Duval County, Florida 2018
2018 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson rate for prediction in Duval County, Florida 2019
2019 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson rate for prediction in Duval County, Florida 2020
2020 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year
Eco-Epi Poisson rate for prediction in Duval County, Florida 2021
2021 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year

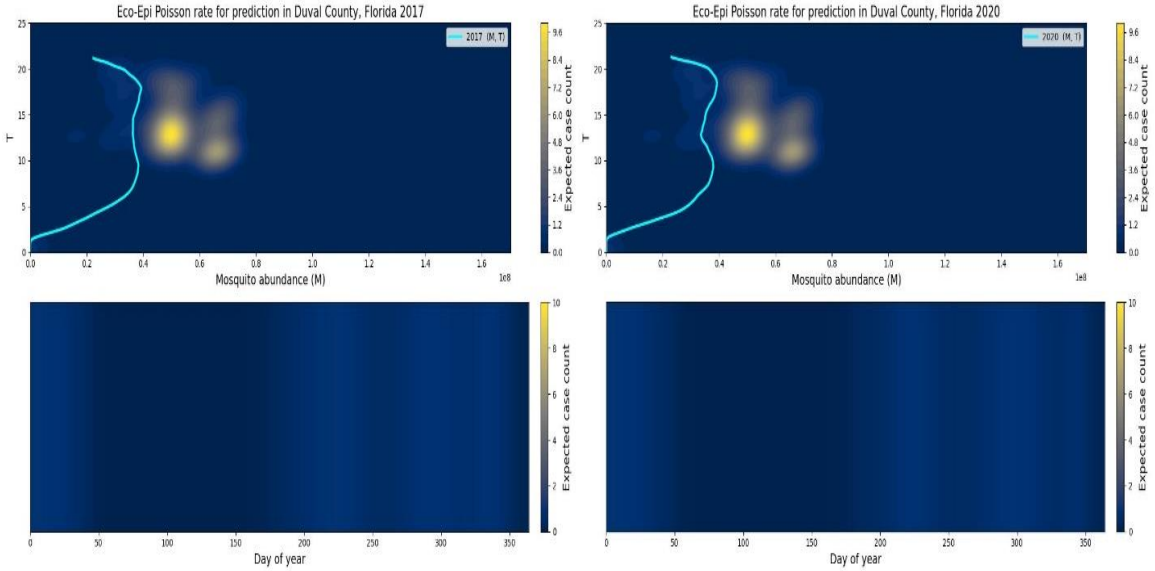


XI-Zero cases years

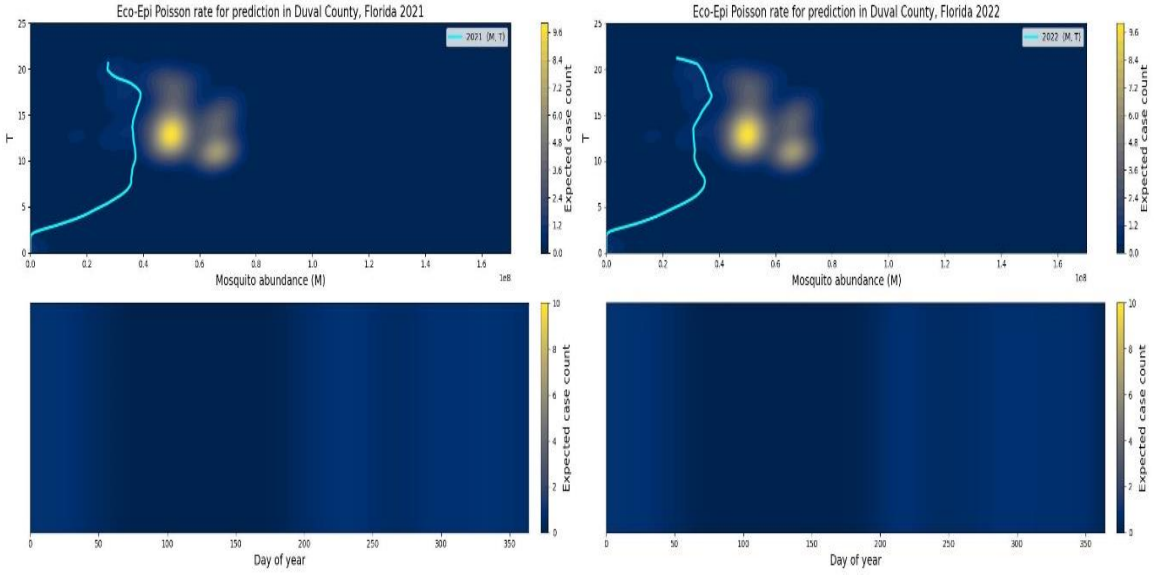
Riverside County 2010-2022



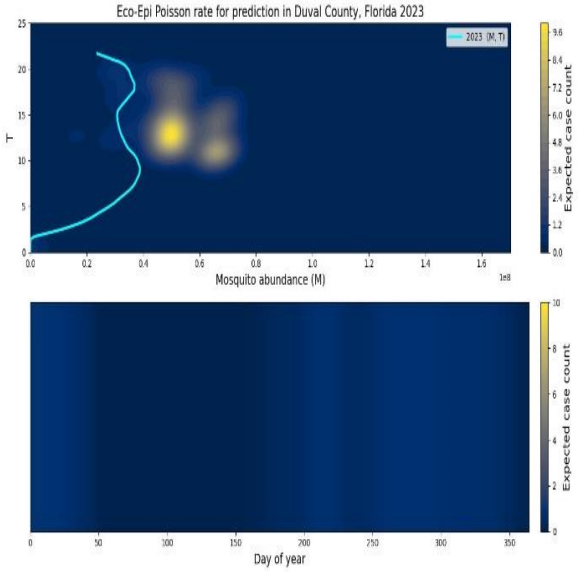
Dual County 2017,2020,2021,2022,2023


Eco-Epi Poisson rate for prediction in Duval County, Florida 2017
2017 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year

Eco-Epi Poisson rate for prediction in Duval County, Florida 2020
2020 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year

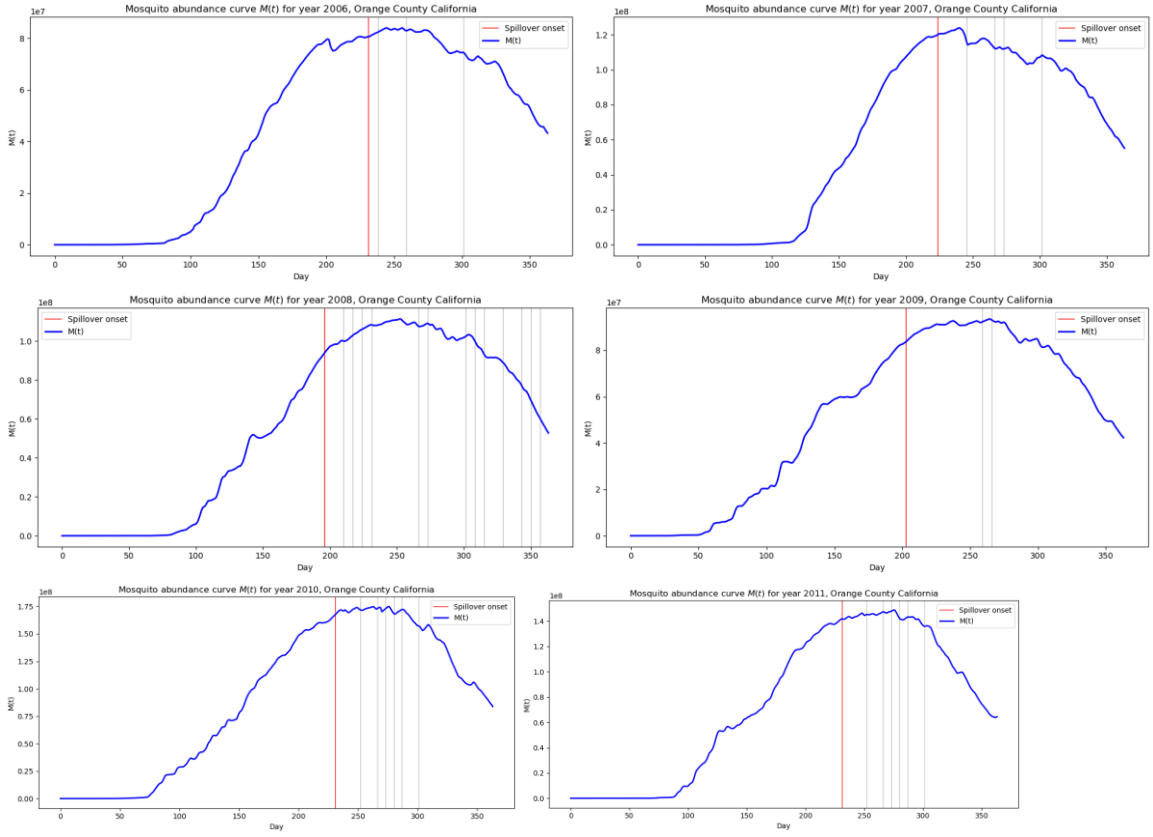

Eco-Epi Poisson rate for prediction in Duval County, Florida 2021
2021 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year

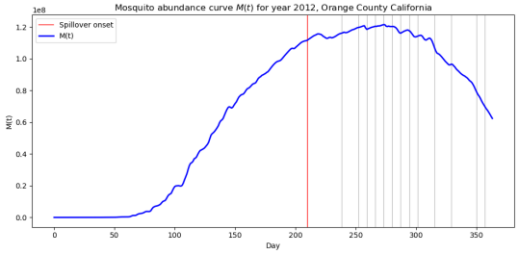
Eco-Epi Poisson rate for prediction in Duval County, Florida 2022
2022 (M, T)
T
Mosquito abundance (M)
1e8
Expected case count
Day of year

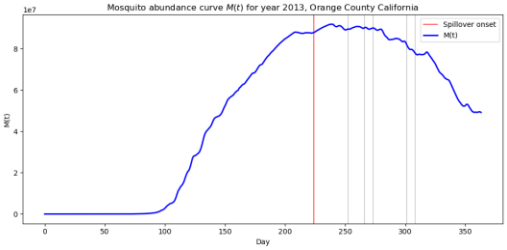


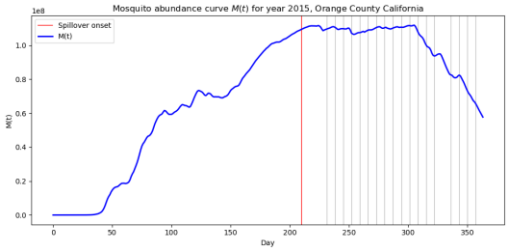
XII-Mosquito profiles curves M(t) and spillover times.

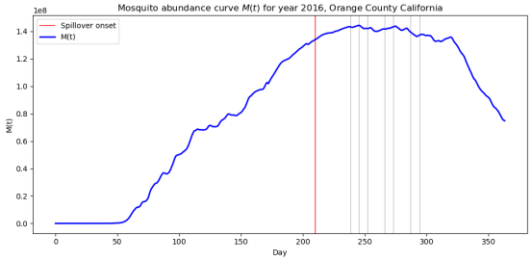
4.1 Orange County

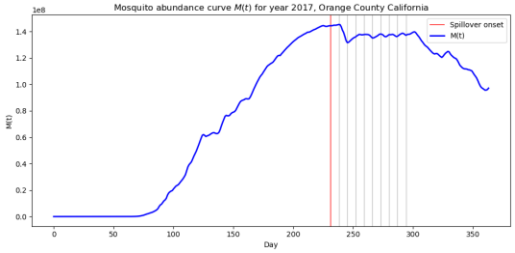


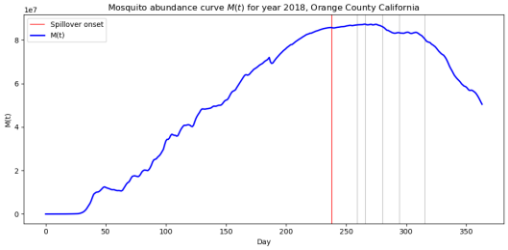

Mosquito abundance curve $M(t)$ for year 2012, Orange County California
Spillover onset
M(t)
1e8
M(t)
Day

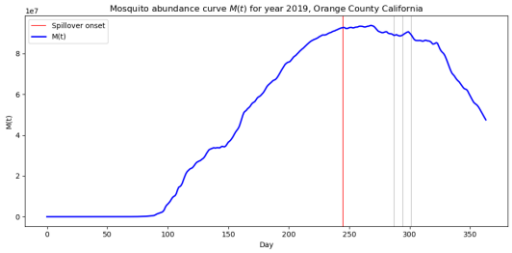

Mosquito abundance curve $M(t)$ for year 2013, Orange County California
Spillover onset
M(t)
1e7
M(t)
Day

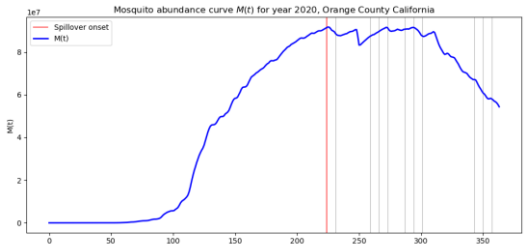

Mosquito abundance curve $M(t)$ for year 2015, Orange County California
Spillover onset
M(t)
1e8
M(t)
Day

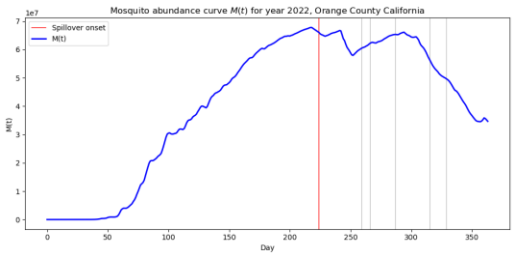

Mosquito abundance curve $M(t)$ for year 2016, Orange County California
Spillover onset
M(t)
1e8
M(t)
Day

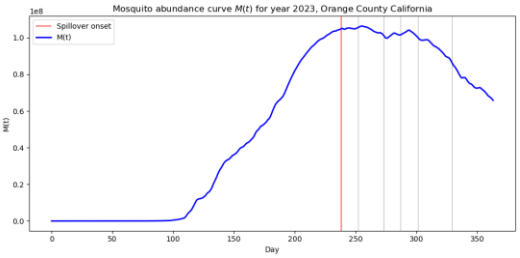

Mosquito abundance curve $M(t)$ for year 2017, Orange County California
Spillover onset
M(t)
1e8
M(t)
Day

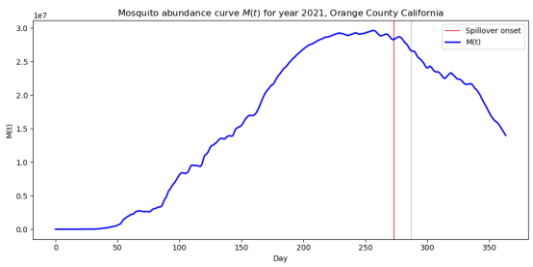

Mosquito abundance curve $M(t)$ for year 2018, Orange County California
Spillover onset
M(t)
1e7
M(t)
Day

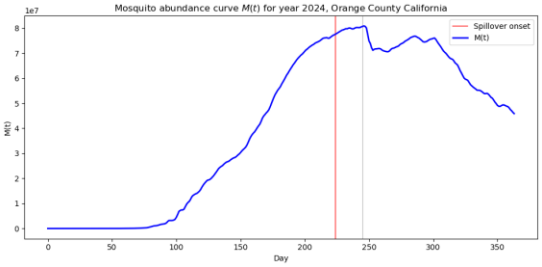

Mosquito abundance curve $M(t)$ for year 2019, Orange County California
Spillover onset
M(t)
1e7
M(t)
Day

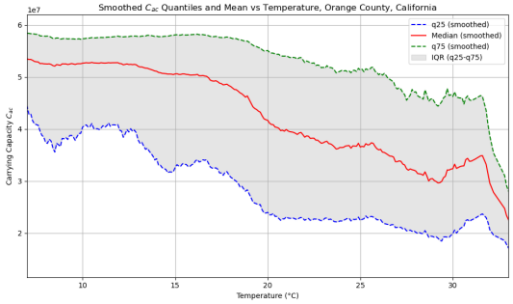

Mosquito abundance curve $M(t)$ for year 2020, Orange County California
Spillover onset
M(t)
1e7
M(t)
Day

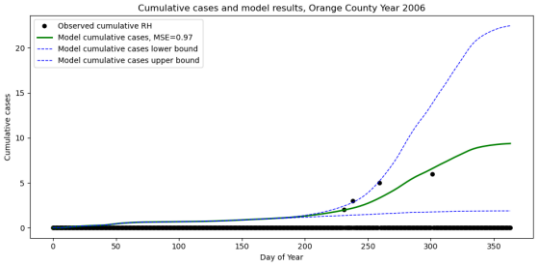

Mosquito abundance curve $M(t)$ for year 2022, Orange County California
Spillover onset
M(t)
1e7
M(t)
Day

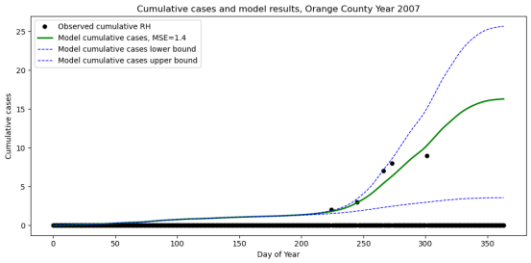

Mosquito abundance curve $M(t)$ for year 2023, Orange County California
Spillover onset
M(t)
1e8
M(t)
Day

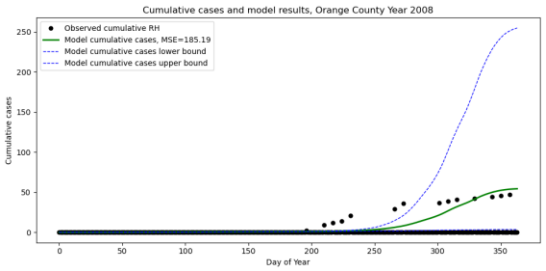

Mosquito abundance curve $M(t)$ for year 2021, Orange County California
Spillover onset
M(t)
1e7
M(t)
Day

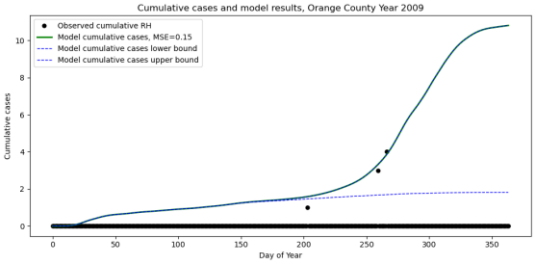

Mosquito abundance curve $M(t)$ for year 2024, Orange County California
Spillover onset
M(t)
1e7
M(t)
Day

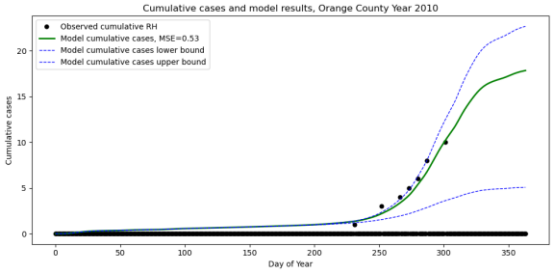

Smoothed C_{ac} Quantiles and Mean vs Temperature, Orange County, California
1e7
q25 (smoothed)
Median (smoothed)
q75 (smoothed)
IQR (q25–q75)
Carrying Capacity C_{ac}
Temperature (°C)

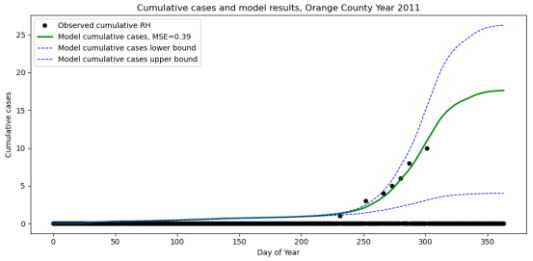

Cumulative cases and model results, Orange County Year 2006
Observed cumulative RH
Model cumulative cases, MSE=0.97
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

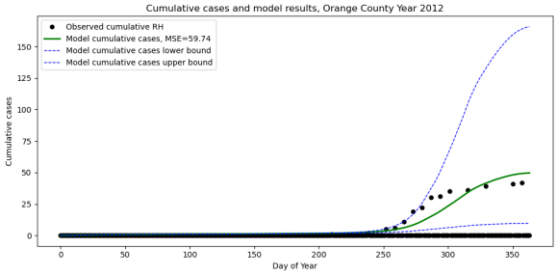

Cumulative cases and model results, Orange County Year 2007
Observed cumulative RH
Model cumulative cases, MSE=1.4
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

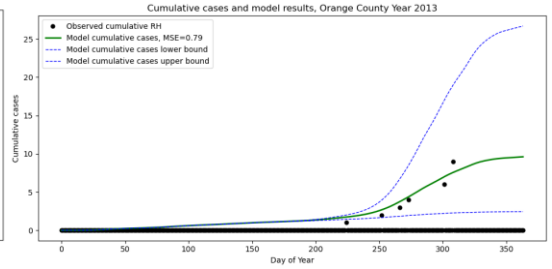

Cumulative cases and model results, Orange County Year 2008
Observed cumulative RH
Model cumulative cases, MSE=185.19
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

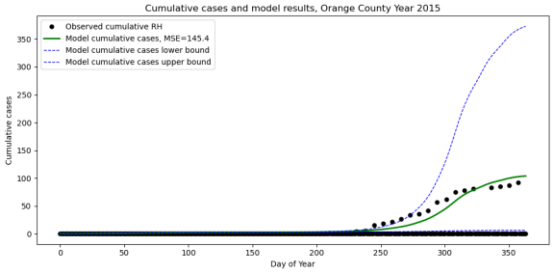

Cumulative cases and model results, Orange County Year 2009
Observed cumulative RH
Model cumulative cases, MSE=0.15
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

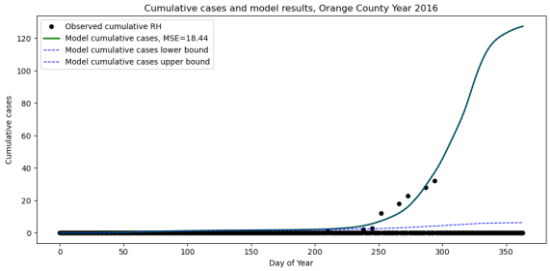

Cumulative cases and model results, Orange County Year 2010
Observed cumulative RH
Model cumulative cases, MSE=0.53
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

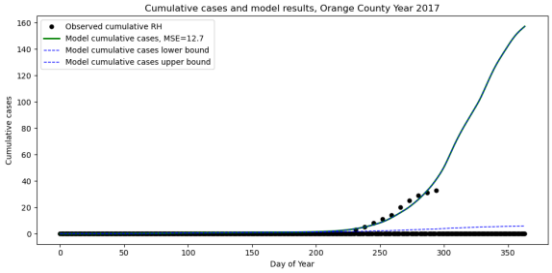

Cumulative cases and model results, Orange County Year 2011
Observed cumulative RH
Model cumulative cases, MSE=0.39
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

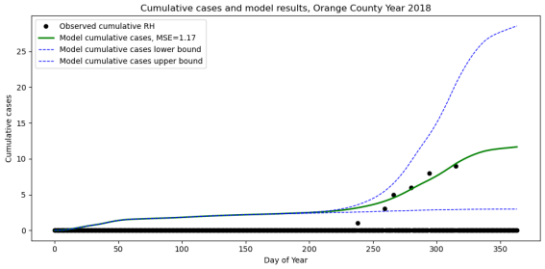

Cumulative cases and model results, Orange County Year 2012
Observed cumulative RH
Model cumulative cases, MSE=59.74
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

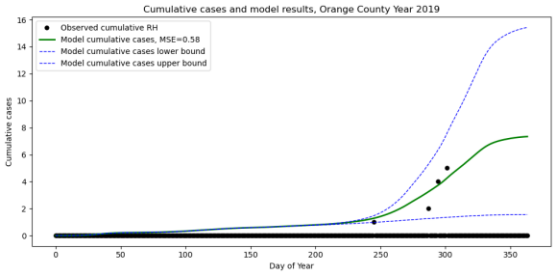

Cumulative cases and model results, Orange County Year 2013
Observed cumulative RH
Model cumulative cases, MSE=0.79
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

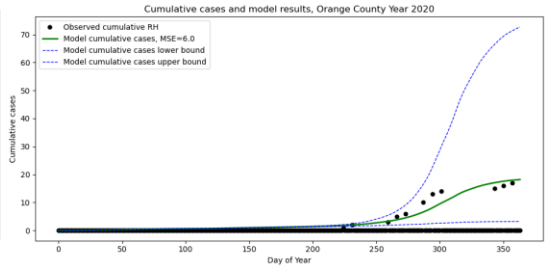

Cumulative cases and model results, Orange County Year 2015
Observed cumulative RH
Model cumulative cases, MSE=145.4
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

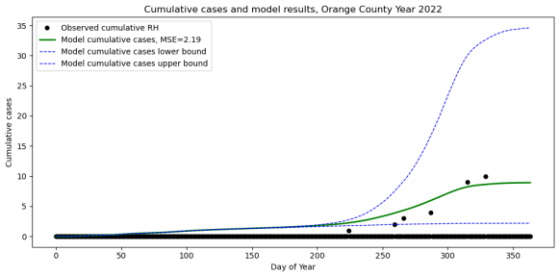

Cumulative cases and model results, Orange County Year 2016
Observed cumulative RH
Model cumulative cases, MSE=18.44
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

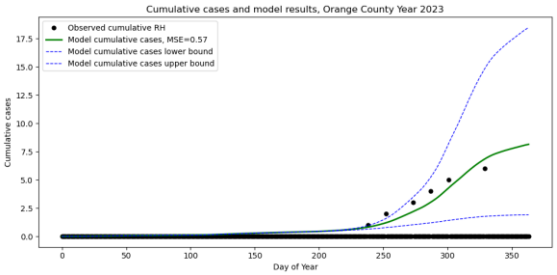

Cumulative cases and model results, Orange County Year 2017
Observed cumulative RH
Model cumulative cases, MSE=12.7
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

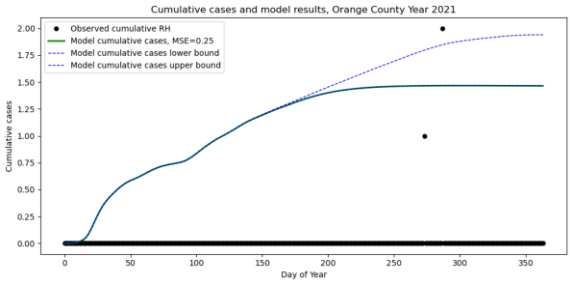

Cumulative cases and model results, Orange County Year 2018
Observed cumulative RH
Model cumulative cases, MSE=1.17
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

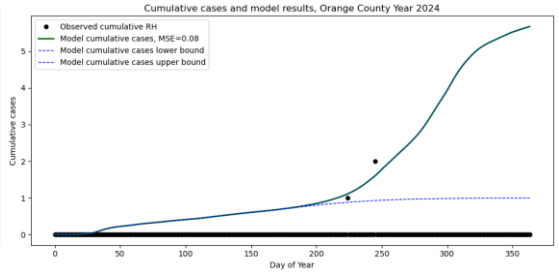

Cumulative cases and model results, Orange County Year 2019
Observed cumulative RH
Model cumulative cases, MSE=0.58
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year


Cumulative cases and model results, Orange County Year 2020
Observed cumulative RH
Model cumulative cases, MSE=6.0
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

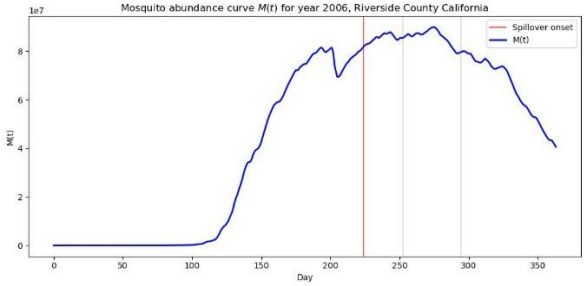

Cumulative cases and model results, Orange County Year 2022
Observed cumulative RH
Model cumulative cases, MSE=2.19
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

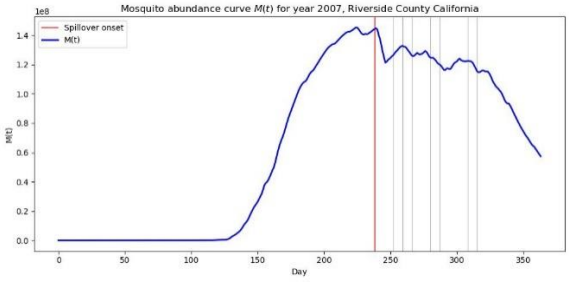

Cumulative cases and model results, Orange County Year 2023
Observed cumulative RH
Model cumulative cases, MSE=0.57
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

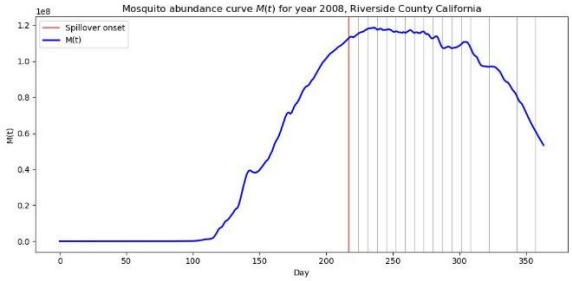

Cumulative cases and model results, Orange County Year 2021
Observed cumulative RH
Model cumulative cases, MSE=0.25
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

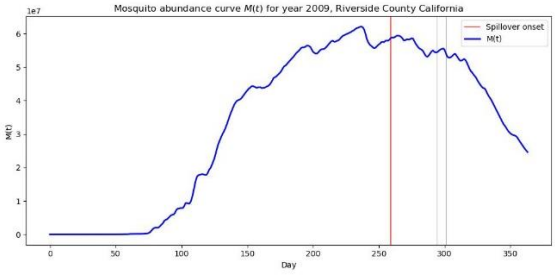

Cumulative cases and model results, Orange County Year 2024
Observed cumulative RH
Model cumulative cases, MSE=0.08
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

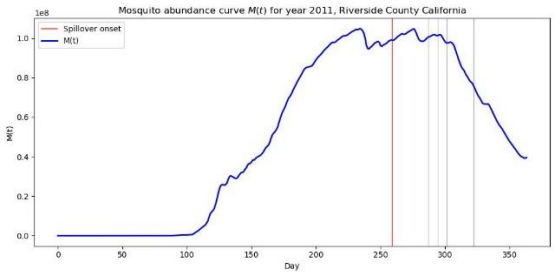
4.2 Riverside County

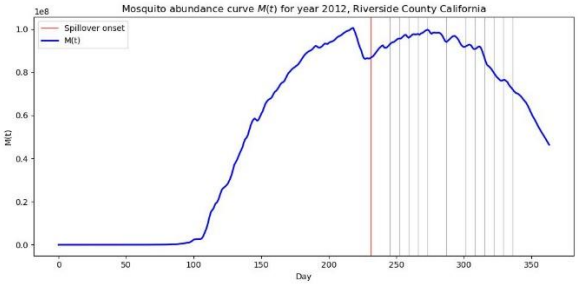


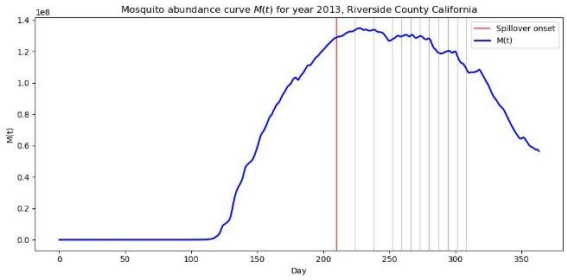


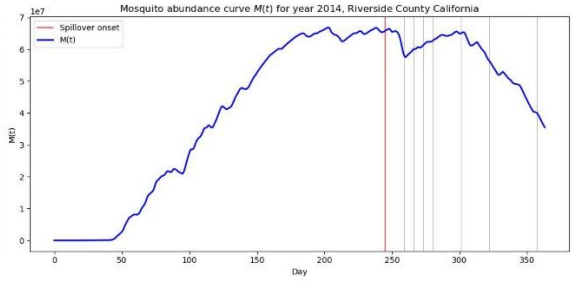


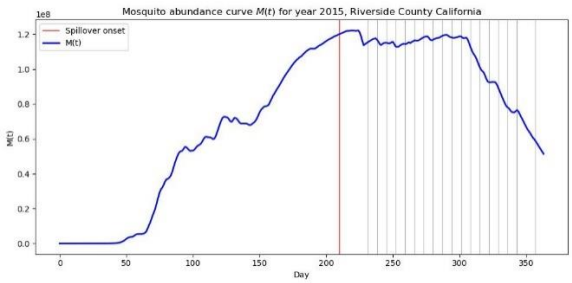


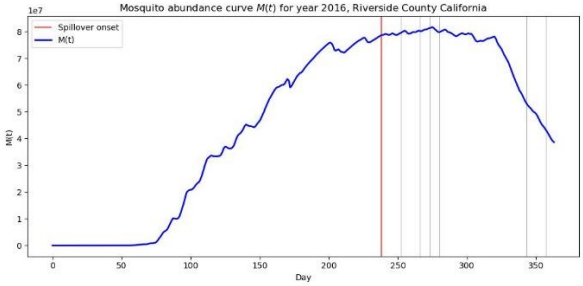


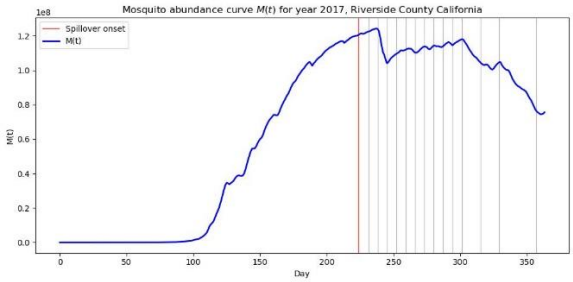


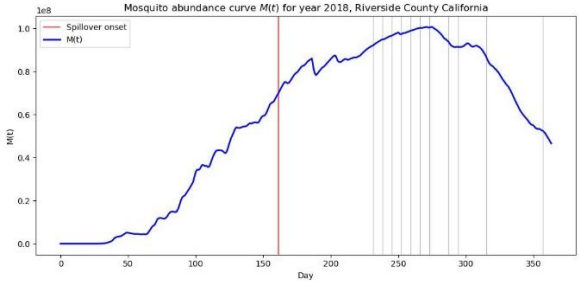


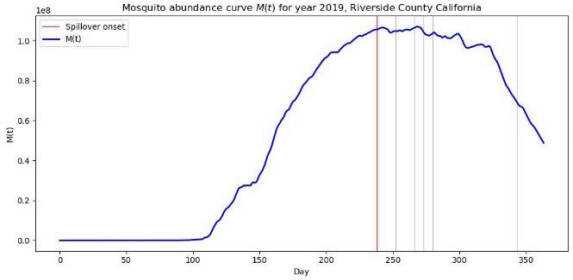


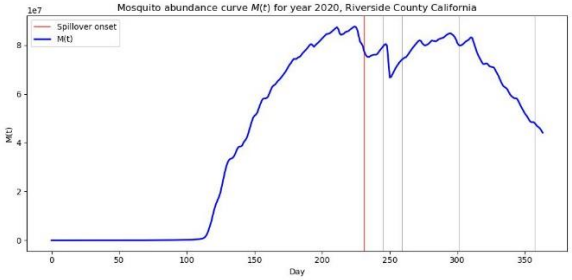


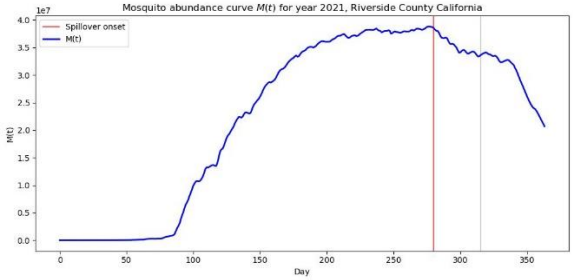


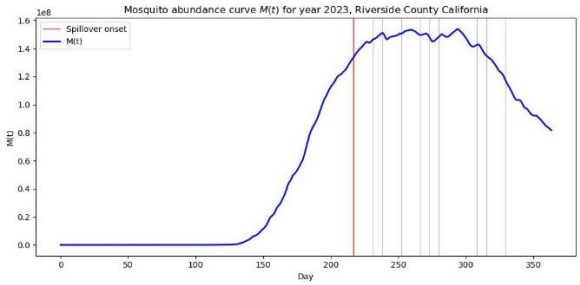

Mosquito abundance curve $M(t)$ for year 2017, Riverside County California
Spillover onset
M(t)
1e8
M(t)
Day

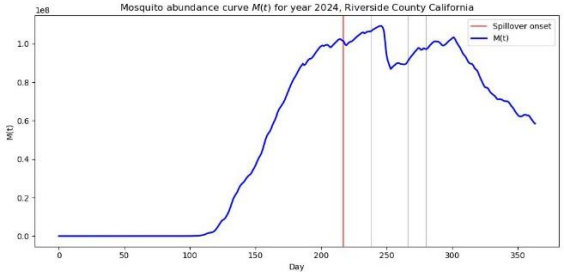

Mosquito abundance curve $M(t)$ for year 2018, Riverside County California
Spillover onset
M(t)
1e8
M(t)
Day

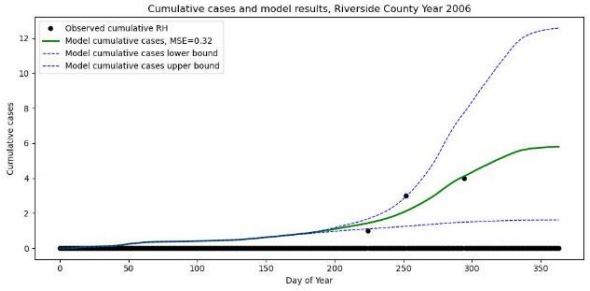

Mosquito abundance curve $M(t)$ for year 2019, Riverside County California
Spillover onset
M(t)
1e8
M(t)
Day

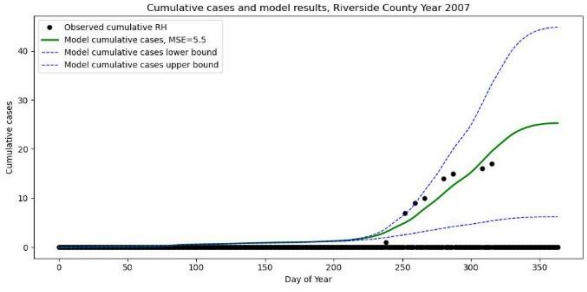

Mosquito abundance curve $M(t)$ for year 2020, Riverside County California
Spillover onset
M(t)
1e7
M(t)
Day

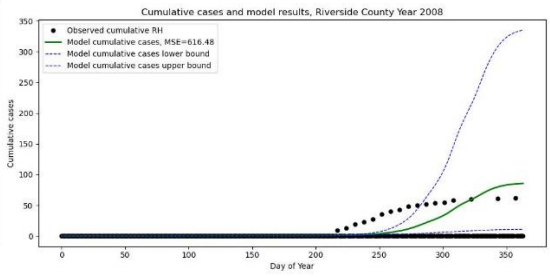

Mosquito abundance curve $M(t)$ for year 2021, Riverside County California
Spillover onset
M(t)
1e7
M(t)
Day

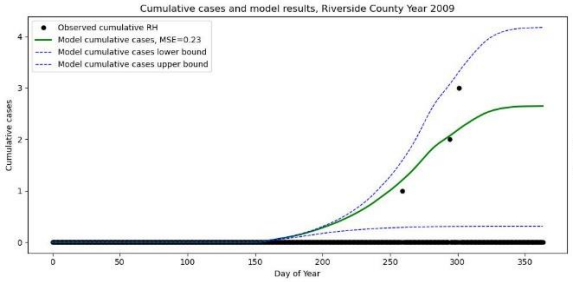

Mosquito abundance curve $M(t)$ for year 2023, Riverside County California
Spillover onset
M(t)
1e8
M(t)
Day

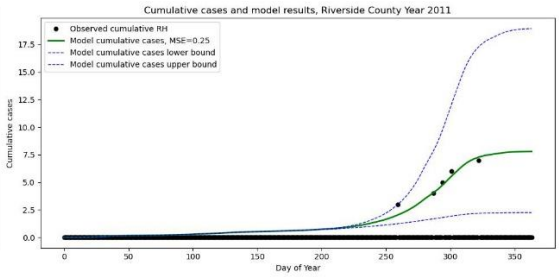

Mosquito abundance curve $M(t)$ for year 2024, Riverside County California
Spillover onset
M(t)
1e8
M(t)
Day

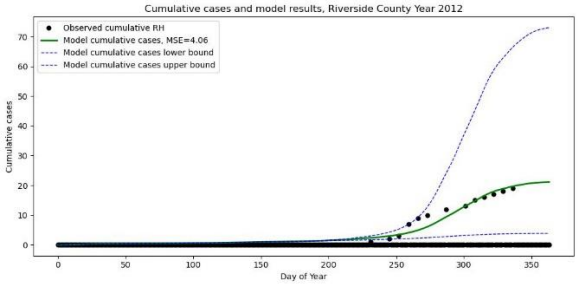

Cumulative cases and model results, Riverside County Year 2006
Observed cumulative RH
Model cumulative cases, MSE=0.32
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

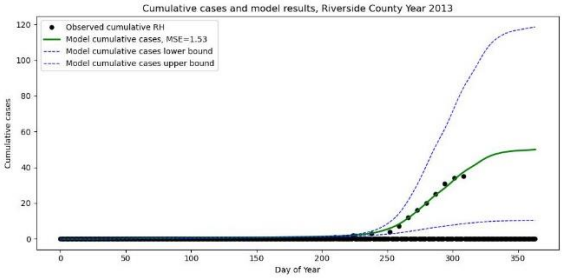

Cumulative cases and model results, Riverside County Year 2007
Observed cumulative RH
Model cumulative cases, MSE=5.5
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

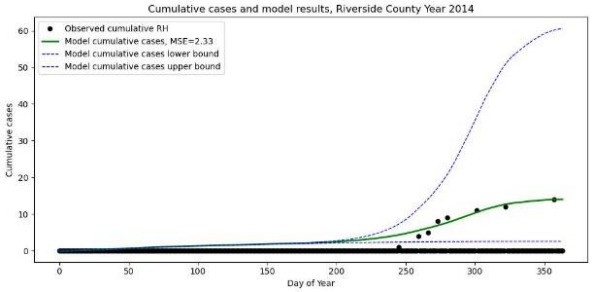

Cumulative cases and model results, Riverside County Year 2008
Observed cumulative RH
Model cumulative cases, MSE=616.48
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

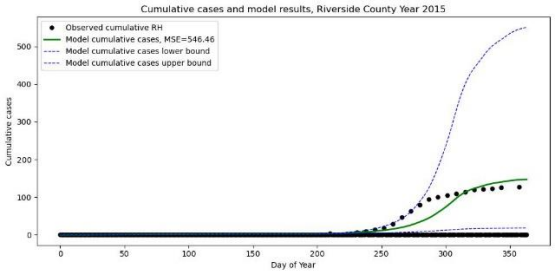

Cumulative cases and model results, Riverside County Year 2009
Observed cumulative RH
Model cumulative cases, MSE=0.23
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

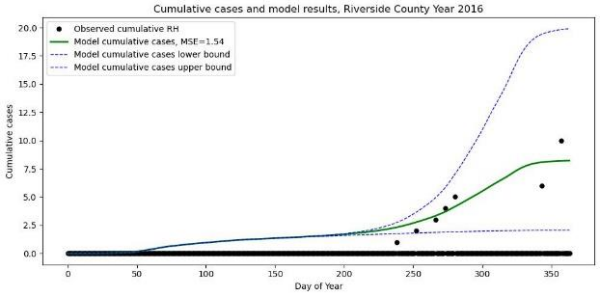

Cumulative cases and model results, Riverside County Year 2011
Observed cumulative RH
Model cumulative cases, MSE=0.25
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

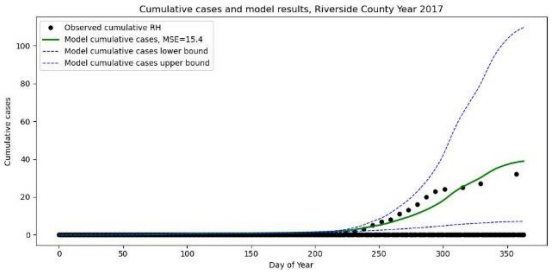

Cumulative cases and model results, Riverside County Year 2012
Observed cumulative RH
Model cumulative cases, MSE=4.06
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

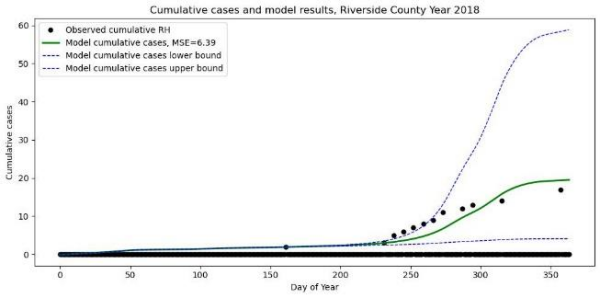

Cumulative cases and model results, Riverside County Year 2013
Observed cumulative RH
Model cumulative cases, MSE=1.53
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

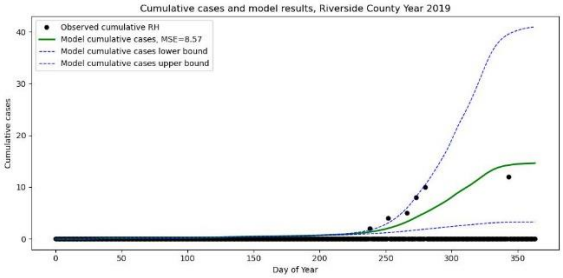

Cumulative cases and model results, Riverside County Year 2014
Observed cumulative RH
Model cumulative cases, MSE=2.33
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

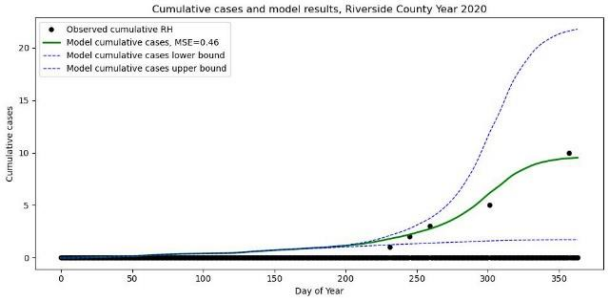

Cumulative cases and model results, Riverside County Year 2015
Observed cumulative RH
Model cumulative cases, MSE=546.46
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

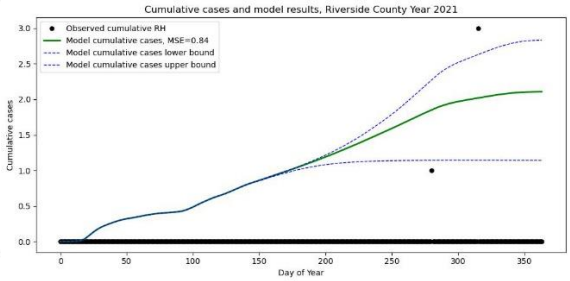

Cumulative cases and model results, Riverside County Year 2016
Observed cumulative RH
Model cumulative cases, MSE=1.54
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

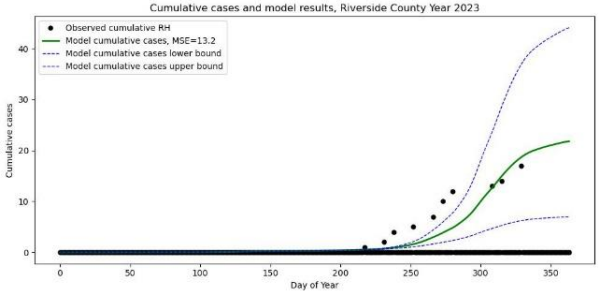

Cumulative cases and model results, Riverside County Year 2017
Observed cumulative RH
Model cumulative cases, MSE=15.4
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

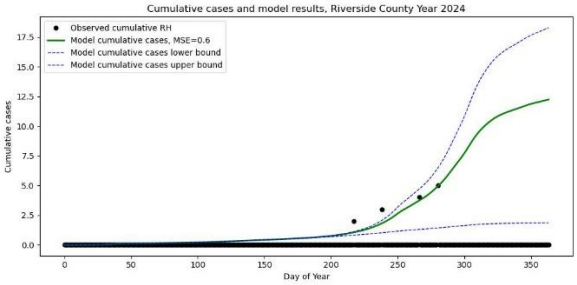

Cumulative cases and model results, Riverside County Year 2018
Observed cumulative RH
Model cumulative cases, MSE=6.39
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

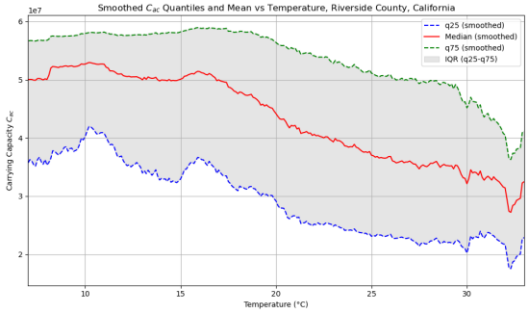

Cumulative cases and model results, Riverside County Year 2019
Observed cumulative RH
Model cumulative cases, MSE=8.57
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year



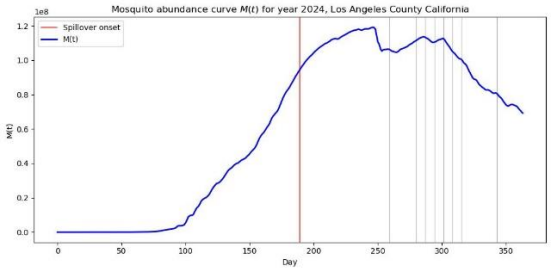


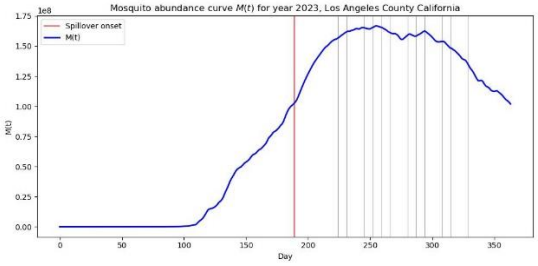


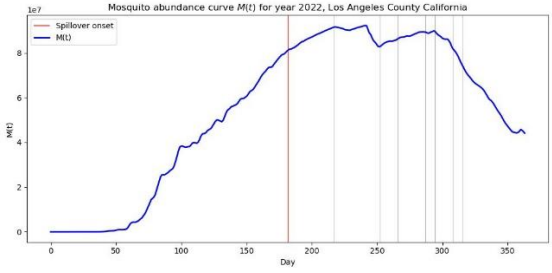


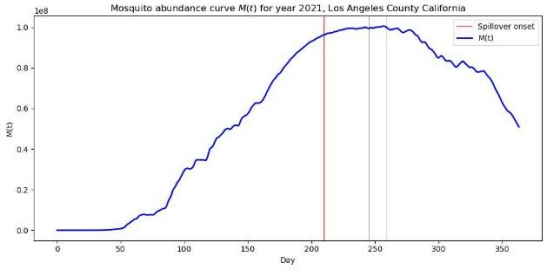


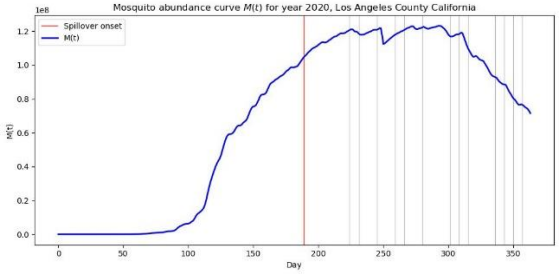
4.3 Los Angeles County

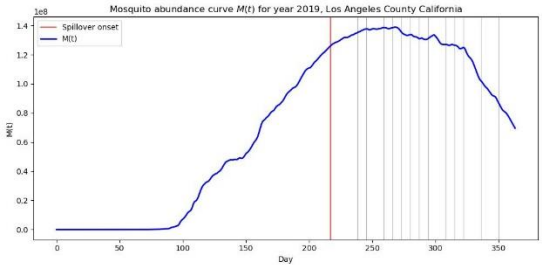


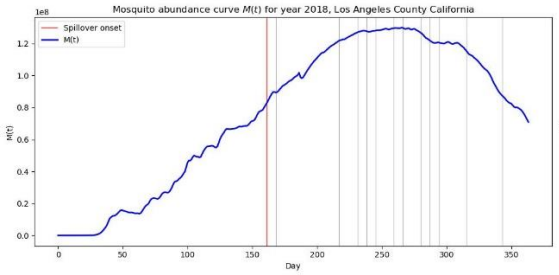


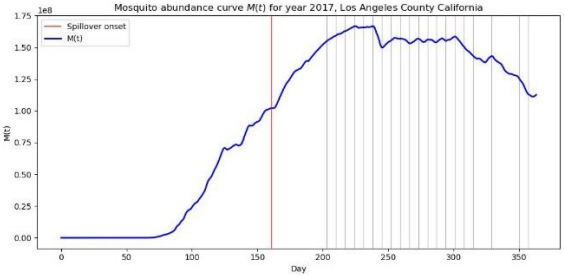


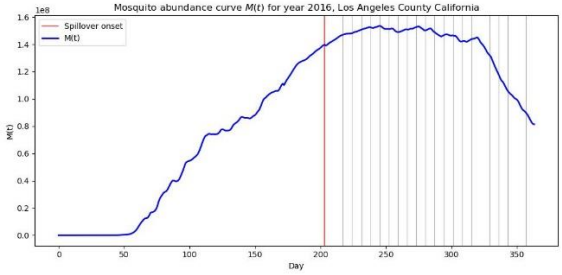


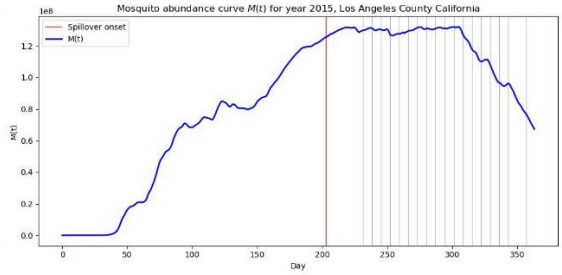

Mosquito abundance curve $M(t)$ for year 2020, Los Angeles County California
1e8
Spillover onset
M(t)
M(t)
Day

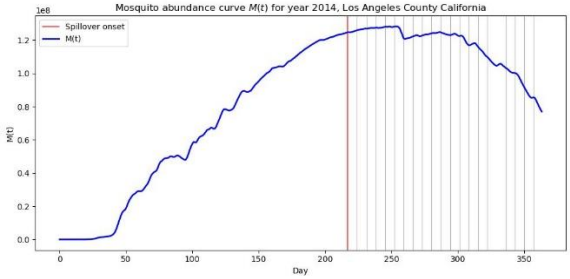

Mosquito abundance curve $M(t)$ for year 2019, Los Angeles County California
1e8
Spillover onset
M(t)
M(t)
Day

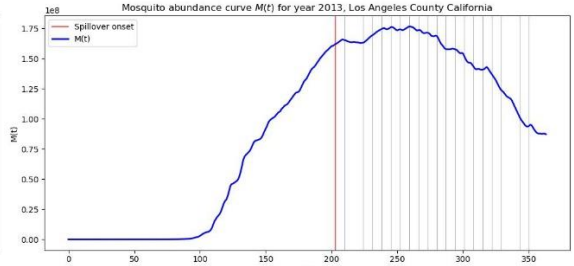

Mosquito abundance curve $M(t)$ for year 2018, Los Angeles County California
1e8
Spillover onset
M(t)
M(t)
Day

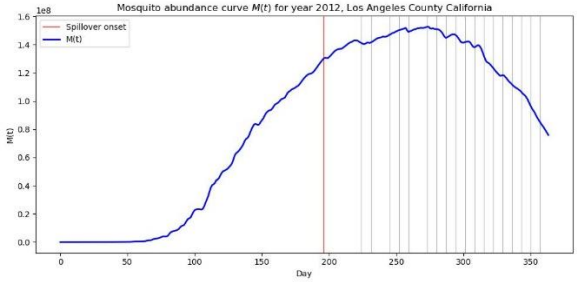

Mosquito abundance curve $M(t)$ for year 2017, Los Angeles County California
1e8
Spillover onset
M(t)
M(t)
Day

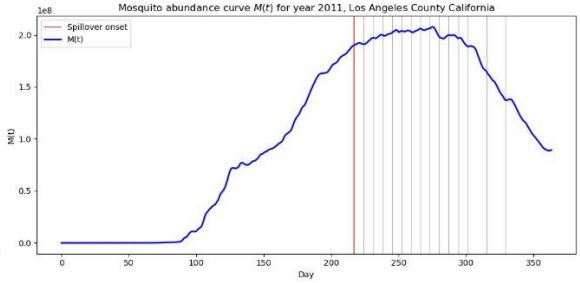

Mosquito abundance curve $M(t)$ for year 2016, Los Angeles County California
1e8
Spillover onset
M(t)
M(t)
Day

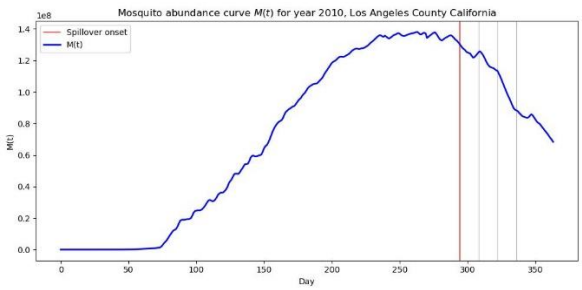

Mosquito abundance curve $M(t)$ for year 2015, Los Angeles County California
1e8
Spillover onset
M(t)
M(t)
Day

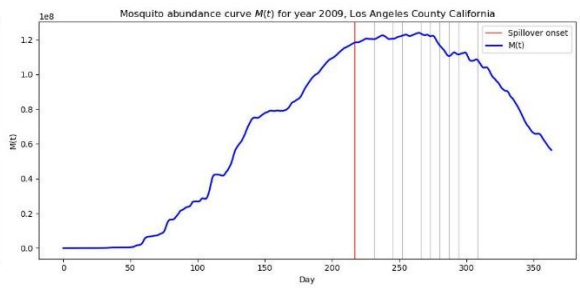

Mosquito abundance curve $M(t)$ for year 2014, Los Angeles County California
1e8
Spillover onset
M(t)
M(t)
Day

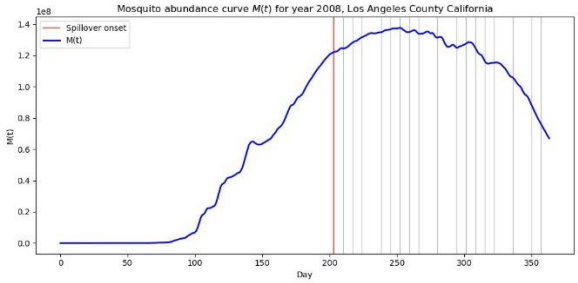

Mosquito abundance curve $M(t)$ for year 2013, Los Angeles County California
1e8
Spillover onset
M(t)
M(t)
Day

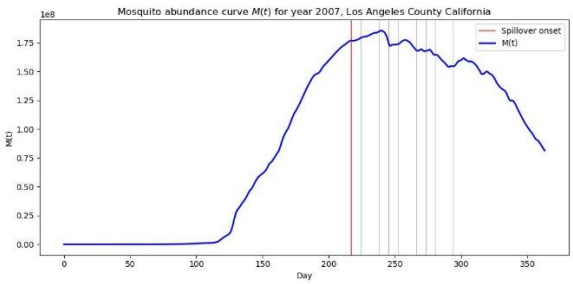

Mosquito abundance curve $M(t)$ for year 2012, Los Angeles County California
1e8
Spillover onset
M(t)
M(t)
Day

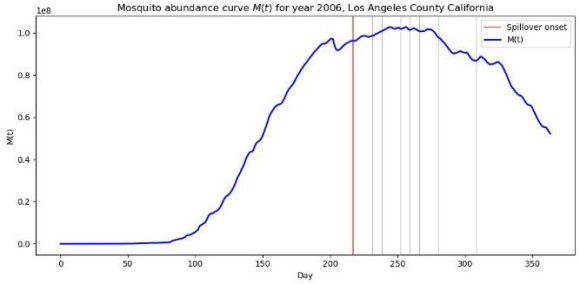

Mosquito abundance curve $M(t)$ for year 2011, Los Angeles County California
1e8
Spillover onset
M(t)
M(t)
Day

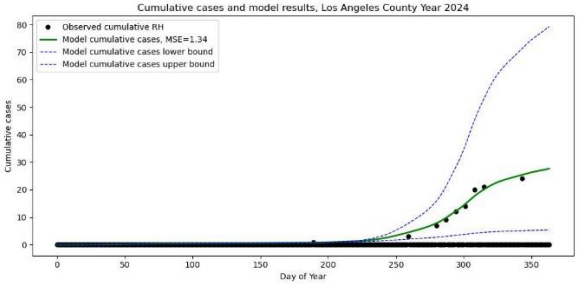

Mosquito abundance curve $M(t)$ for year 2010, Los Angeles County California
1e8
Spillover onset
M(t)
M(t)
Day

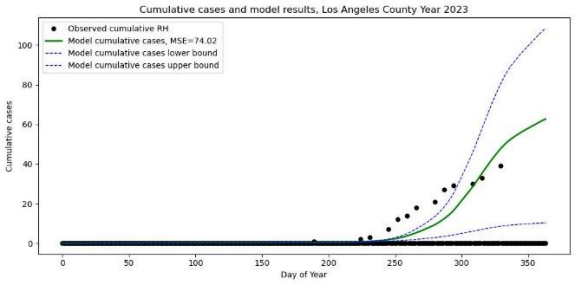

Mosquito abundance curve $M(t)$ for year 2009, Los Angeles County California
1e8
Spillover onset
M(t)
M(t)
Day

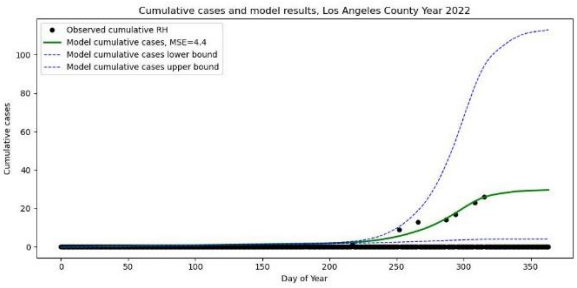

Mosquito abundance curve $M(t)$ for year 2008, Los Angeles County California
1e8
Spillover onset
M(t)
M(t)
Day

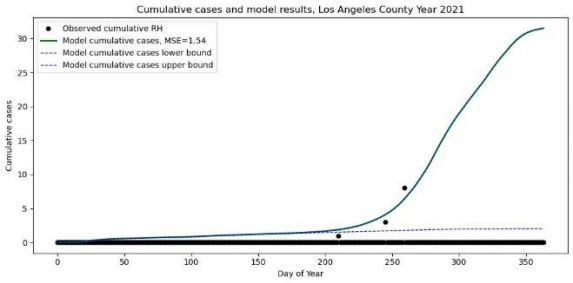

Mosquito abundance curve $M(t)$ for year 2007, Los Angeles County California
1e8
Spillover onset
M(t)
M(t)
Day

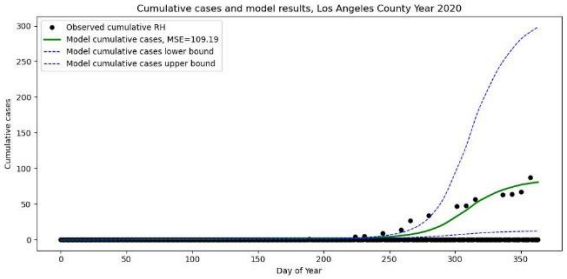

Mosquito abundance curve $M(t)$ for year 2006, Los Angeles County California
1e8
Spillover onset
M(t)
M(t)
Day

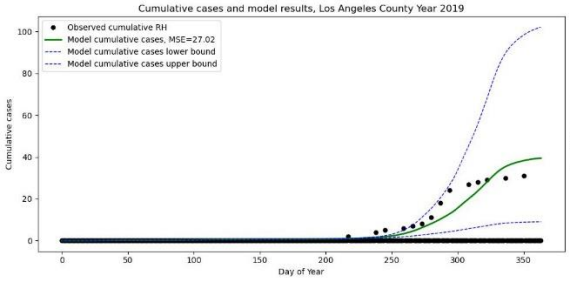

Cumulative cases and model results, Los Angeles County Year 2024
Observed cumulative RH
Model cumulative cases, MSE=1.34
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

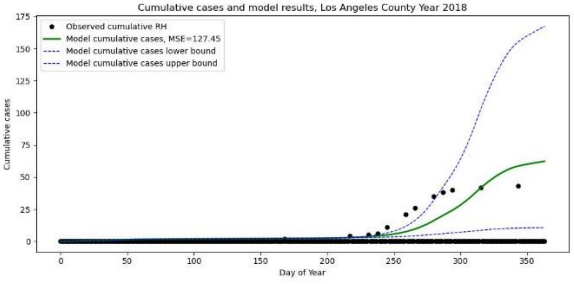

Cumulative cases and model results, Los Angeles County Year 2023
Observed cumulative RH
Model cumulative cases, MSE=74.02
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

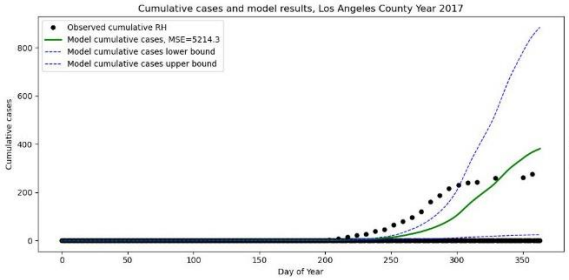

Cumulative cases and model results, Los Angeles County Year 2022
Observed cumulative RH
Model cumulative cases, MSE=4.4
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

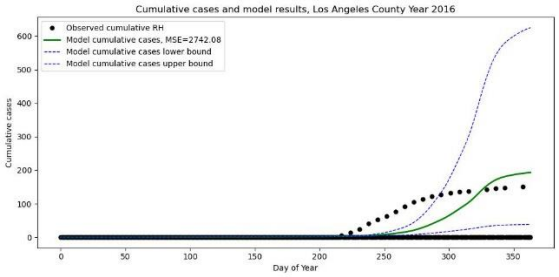

Cumulative cases and model results, Los Angeles County Year 2021
Observed cumulative RH
Model cumulative cases, MSE=1.54
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

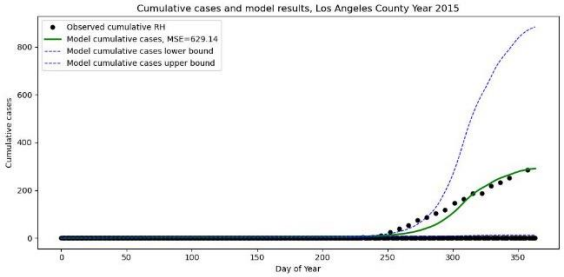

Cumulative cases and model results, Los Angeles County Year 2020
Observed cumulative RH
Model cumulative cases, MSE=109.19
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

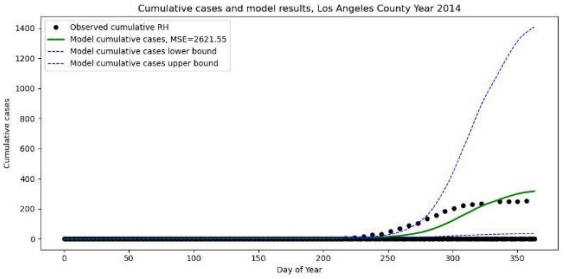

Cumulative cases and model results, Los Angeles County Year 2019
Observed cumulative RH
Model cumulative cases, MSE=27.02
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

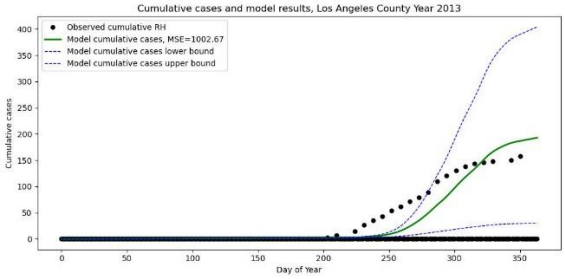

Cumulative cases and model results, Los Angeles County Year 2018
Observed cumulative RH
Model cumulative cases, MSE=127.45
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

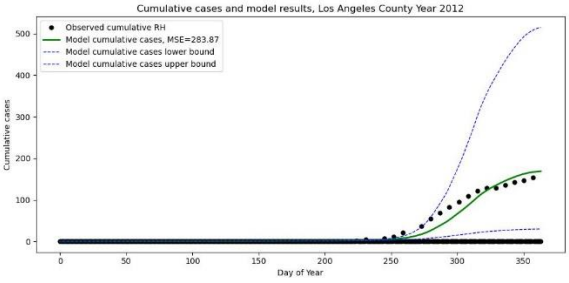

Cumulative cases and model results, Los Angeles County Year 2017
Observed cumulative RH
Model cumulative cases, MSE=5214.3
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

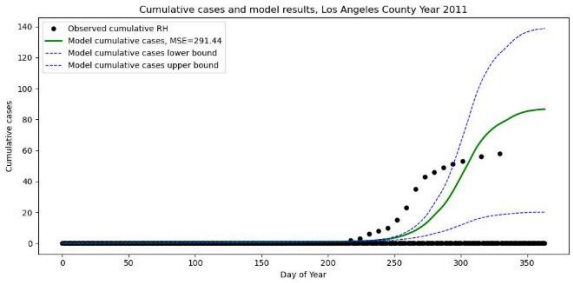

Cumulative cases and model results, Los Angeles County Year 2016
Observed cumulative RH
Model cumulative cases, MSE=2742.08
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

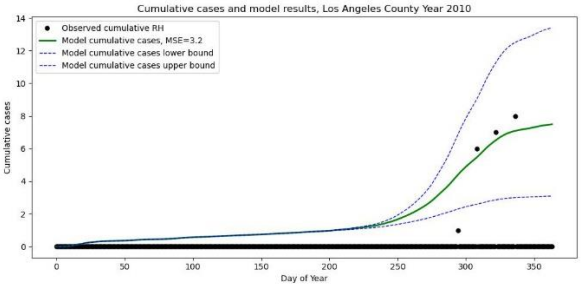

Cumulative cases and model results, Los Angeles County Year 2015
Observed cumulative RH
Model cumulative cases, MSE=629.14
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

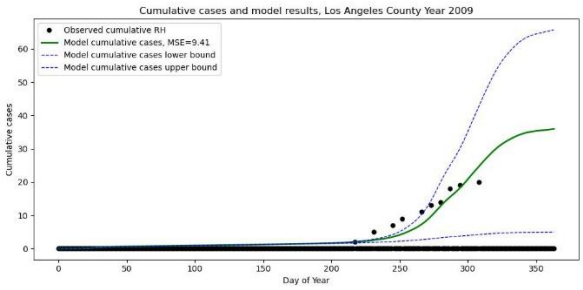

Cumulative cases and model results, Los Angeles County Year 2014
Observed cumulative RH
Model cumulative cases, MSE=2621.55
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

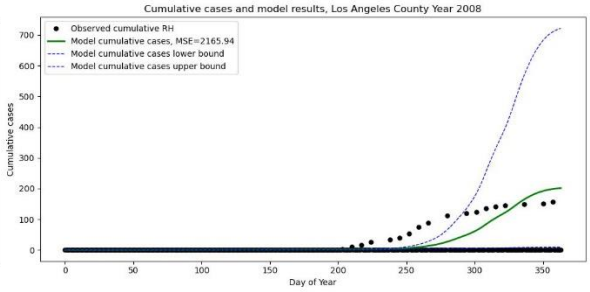

Cumulative cases and model results, Los Angeles County Year 2013
Observed cumulative RH
Model cumulative cases, MSE=1002.67
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

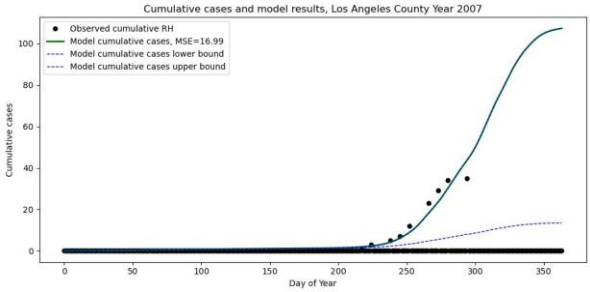

Cumulative cases and model results, Los Angeles County Year 2012
Observed cumulative RH
Model cumulative cases, MSE=283.87
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

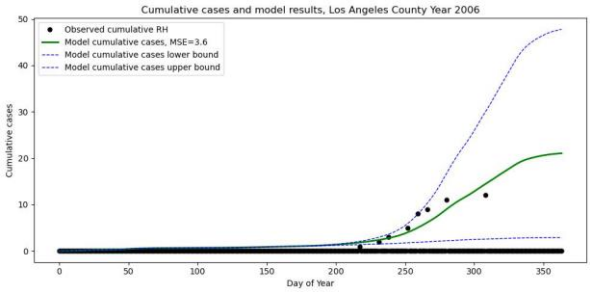

Cumulative cases and model results, Los Angeles County Year 2011
Observed cumulative RH
Model cumulative cases, MSE=291.44
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

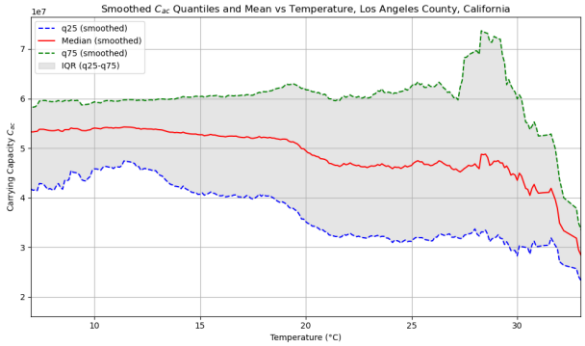

Cumulative cases and model results, Los Angeles County Year 2010
Observed cumulative RH
Model cumulative cases, MSE=3.2
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year


Cumulative cases and model results, Los Angeles County Year 2009
Observed cumulative RH
Model cumulative cases, MSE=9.41
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

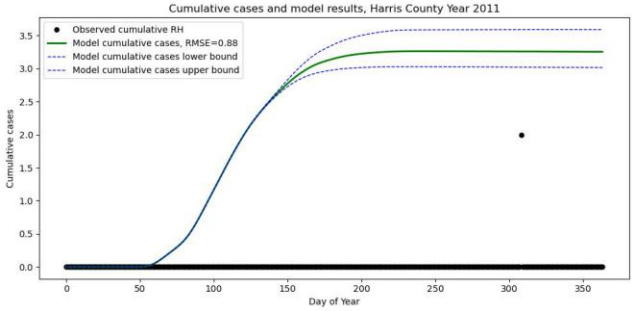

Cumulative cases and model results, Los Angeles County Year 2008
Observed cumulative RH
Model cumulative cases, MSE=2165.94
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

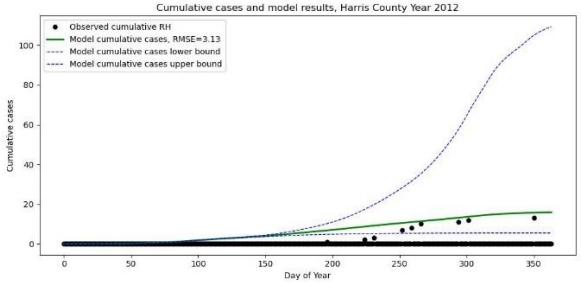

Cumulative cases and model results, Los Angeles County Year 2007
Observed cumulative RH
Model cumulative cases, MSE=16.99
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

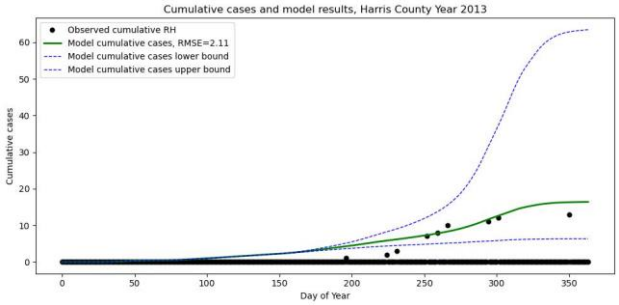

Cumulative cases and model results, Los Angeles County Year 2006
Observed cumulative RH
Model cumulative cases, MSE=3.6
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

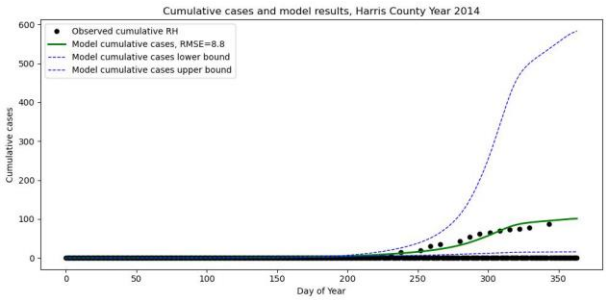

Smoothed C_{ac} Quantiles and Mean vs Temperature, Los Angeles County, California
1e7
q25 (smoothed)
Median (smoothed)
q75 (smoothed)
IQR (q25-q75)
Carrying Capacity C_{ac}
Temperature (°C)

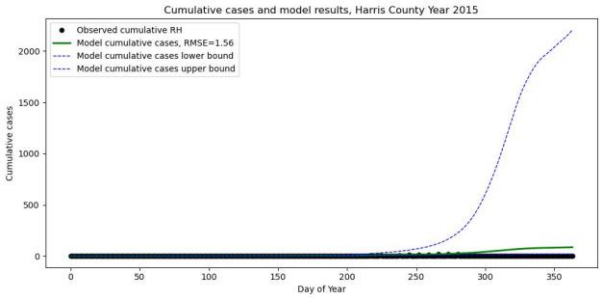
4.4 Harris County

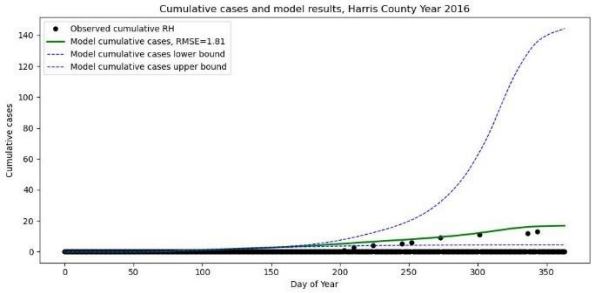


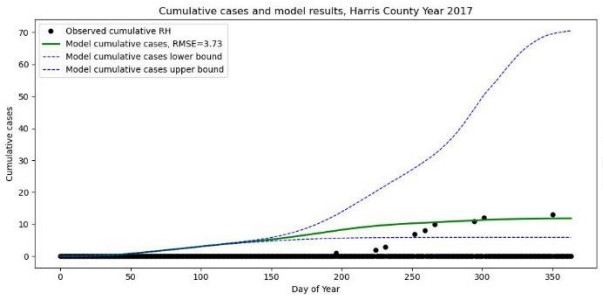


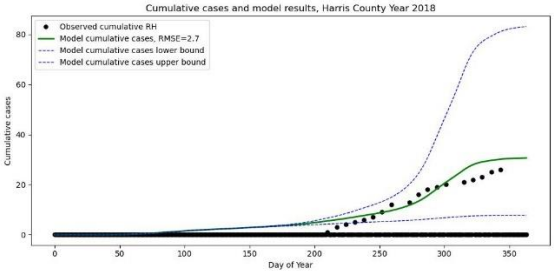


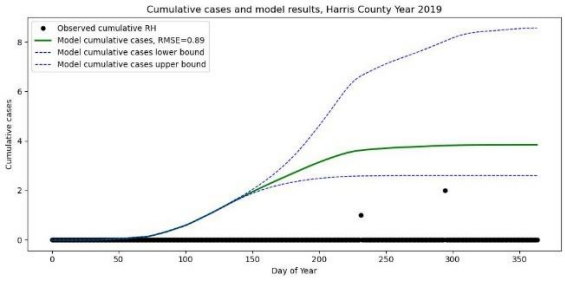


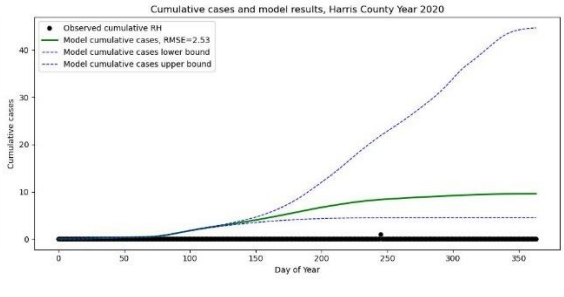


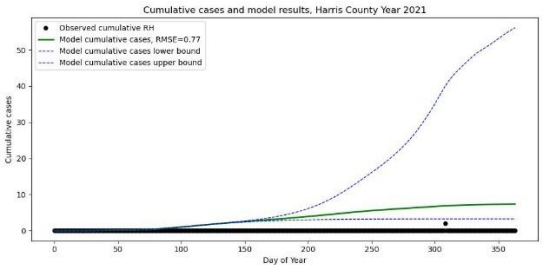


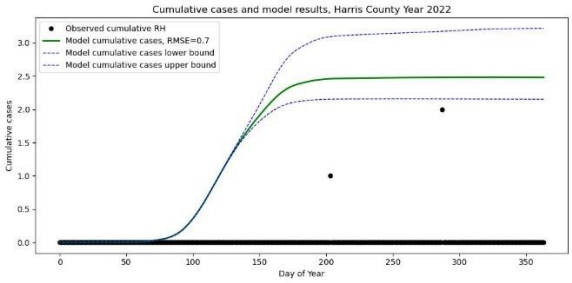


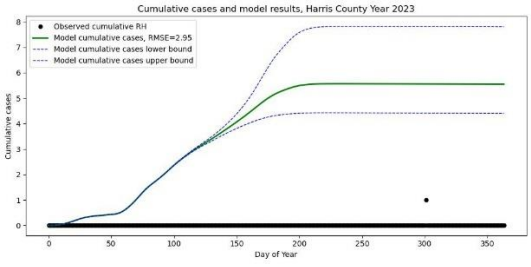


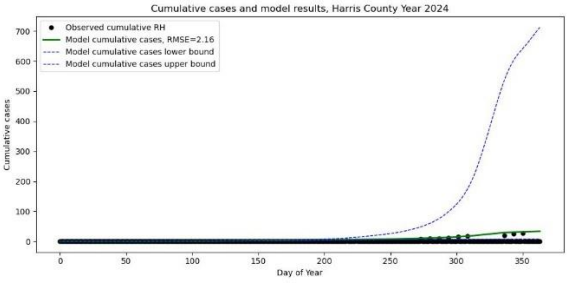


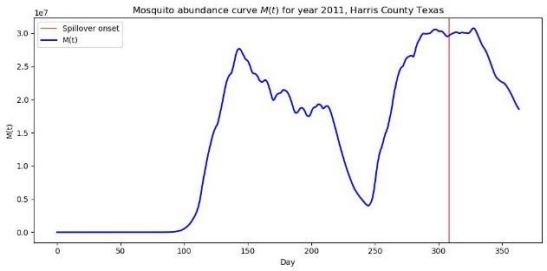


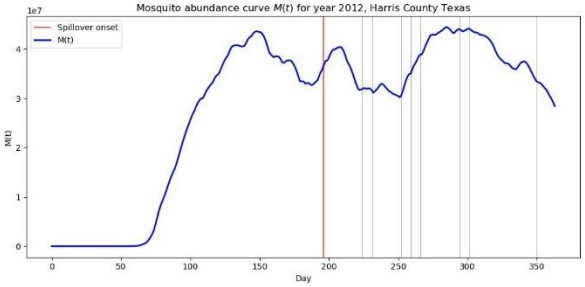

Cumulative cases and model results, Harris County Year 2021
Observed cumulative RH
Model cumulative cases, RMSE=0.77
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

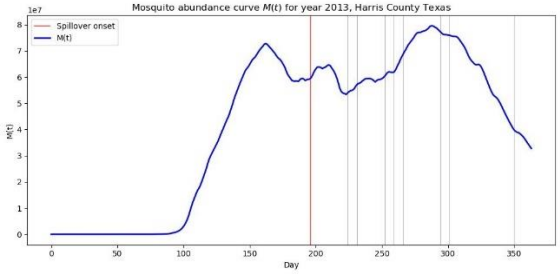

Cumulative cases and model results, Harris County Year 2022
Observed cumulative RH
Model cumulative cases, RMSE=0.7
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

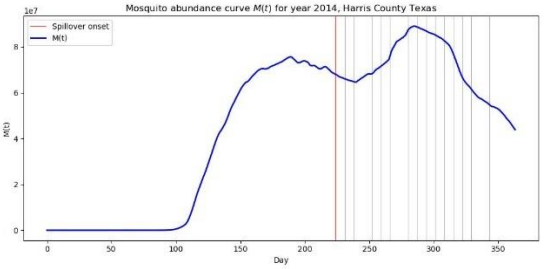

Cumulative cases and model results, Harris County Year 2023
Observed cumulative RH
Model cumulative cases, RMSE=2.95
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

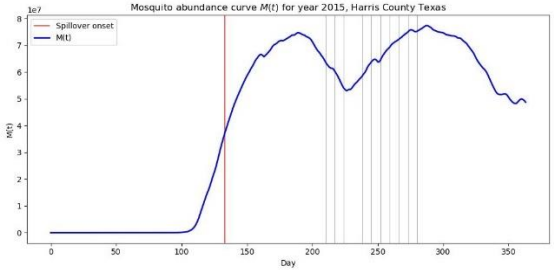

Cumulative cases and model results, Harris County Year 2024
Observed cumulative RH
Model cumulative cases, RMSE=2.16
Model cumulative cases lower bound
Model cumulative cases upper bound
Cumulative cases
Day of Year

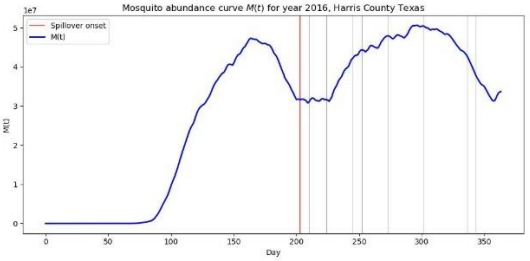

Mosquito abundance curve M(t) for year 2011, Harris County Texas
Spillover onset
M(t)
1e7
M(t)
Day

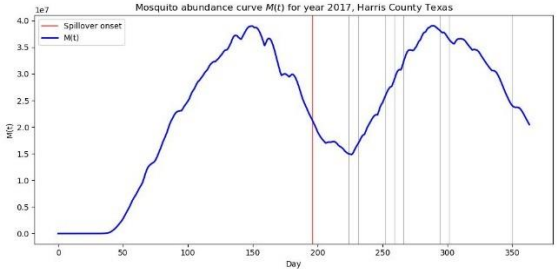

Mosquito abundance curve M(t) for year 2012, Harris County Texas
Spillover onset
M(t)
1e7
M(t)
Day

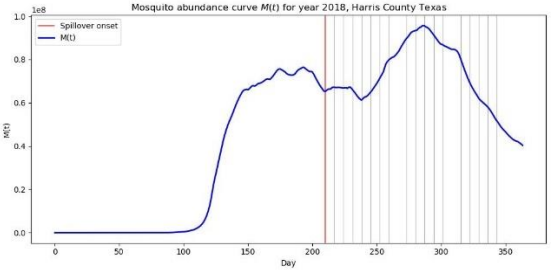

Mosquito abundance curve M(t) for year 2013, Harris County Texas
Spillover onset
M(t)
1e7
M(t)
Day

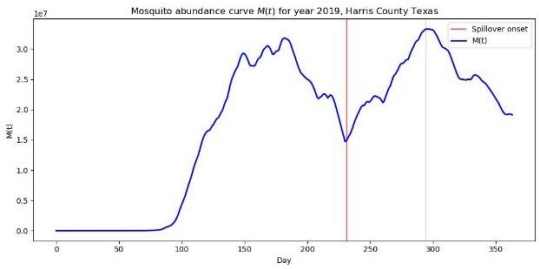

Mosquito abundance curve M(t) for year 2014, Harris County Texas
Spillover onset
M(t)
1e7
M(t)
Day

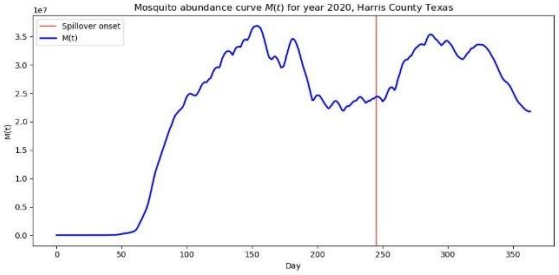

Mosquito abundance curve M(t) for year 2015, Harris County Texas
Spillover onset
M(t)
1e7
M(t)
Day

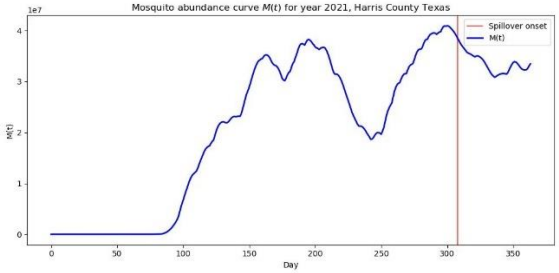

Mosquito abundance curve M(t) for year 2016, Harris County Texas
Spillover onset
M(t)
1e7
M(t)
Day

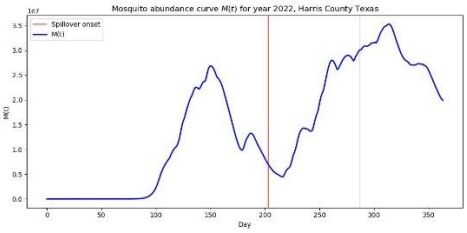

Mosquito abundance curve M(t) for year 2017, Harris County Texas
Spillover onset
M(t)
1e7
M(t)
Day

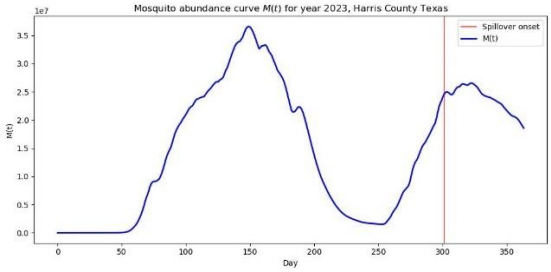

Mosquito abundance curve M(t) for year 2018, Harris County Texas
Spillover onset
M(t)
1e8
M(t)
Day

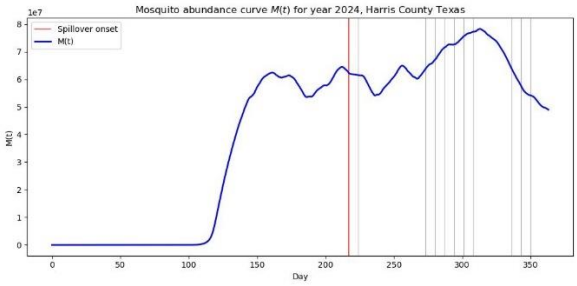

Mosquito abundance curve $M(t)$ for year 2019, Harris County Texas
Spillover onset
M(t)
1e7
M(t)
Day

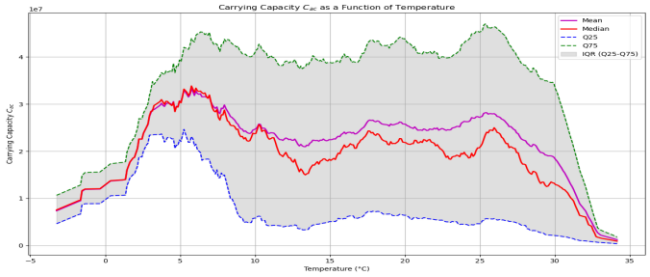

Mosquito abundance curve $M(t)$ for year 2020, Harris County Texas
Spillover onset
M(t)
1e7
M(t)
Day


Mosquito abundance curve $M(t)$ for year 2021, Harris County Texas
Spillover onset
M(t)
1e7
M(t)
Day

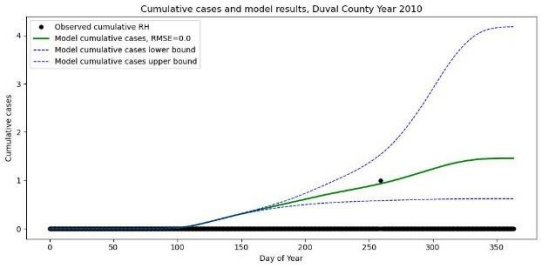

Mosquito abundance curve $M(t)$ for year 2022, Harris County Texas
Spillover onset
M(t)
1e7
M(t)
Day

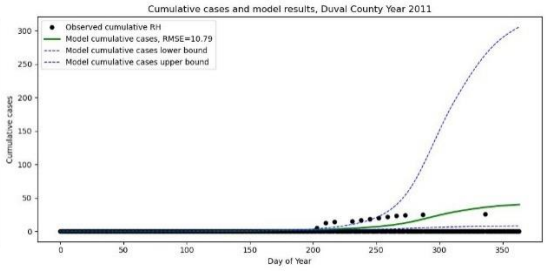

Mosquito abundance curve $M(t)$ for year 2023, Harris County Texas
Spillover onset
M(t)
1e7
M(t)
Day

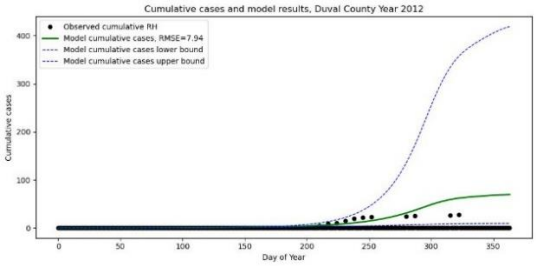

Mosquito abundance curve $M(t)$ for year 2024, Harris County Texas
Spillover onset
M(t)
1e7
M(t)
Day

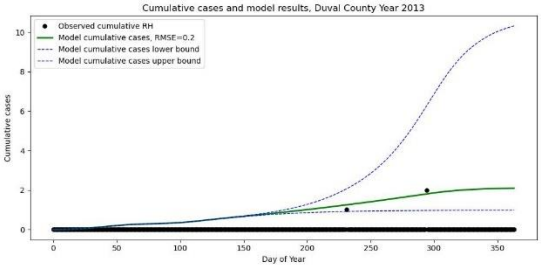

Carrying Capacity C_{ac} as a Function of Temperature
Mean
Median
Q25
Q75
IQR (Q25–Q75)
1e7
Carrying Capacity C_{ac}
Temperature (°C)

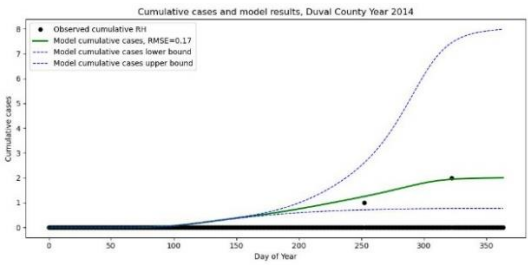
4.5 Dual County

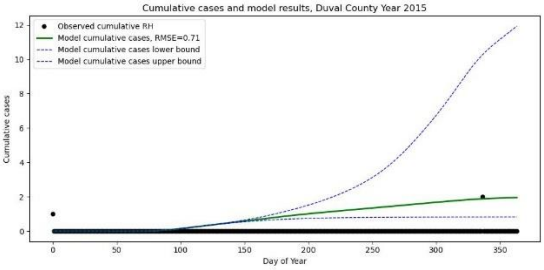


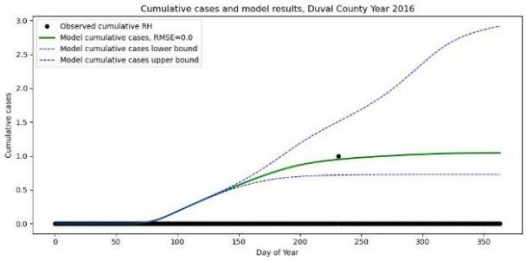


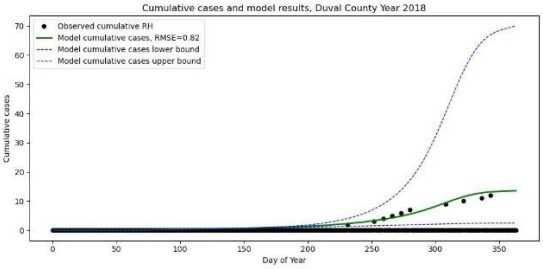


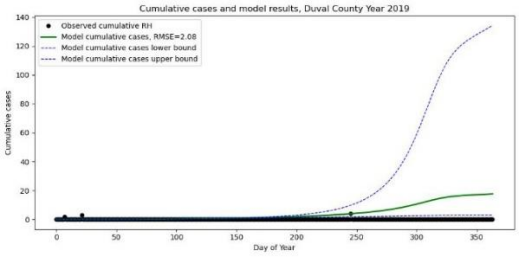


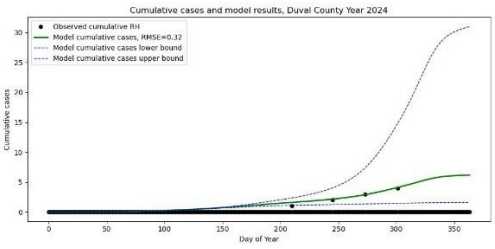


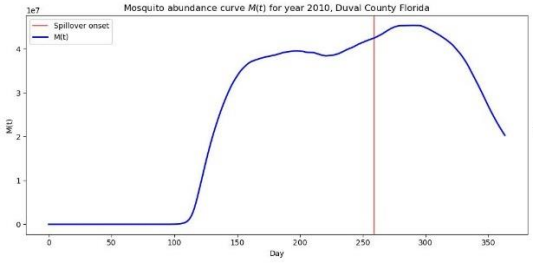


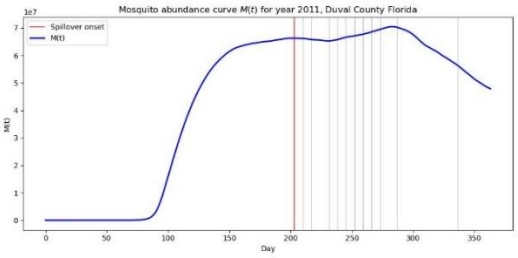


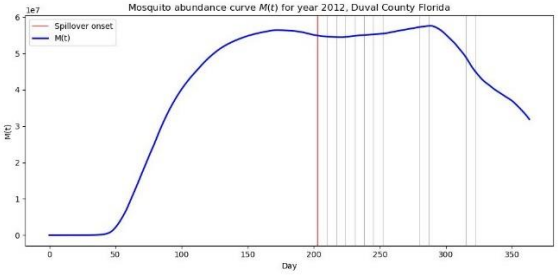


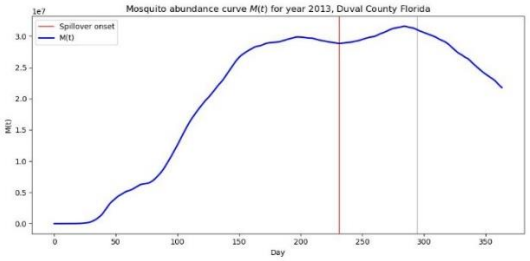


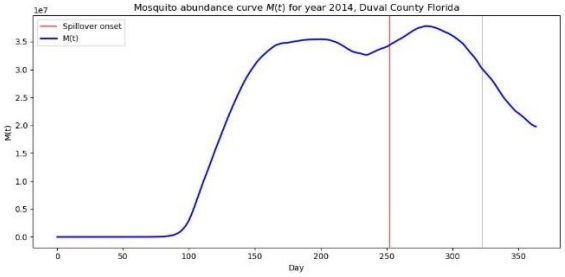


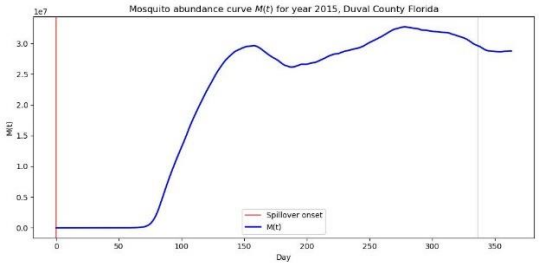


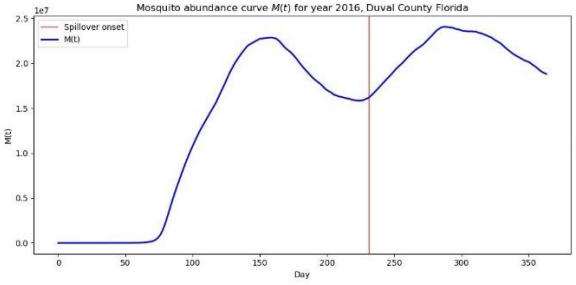


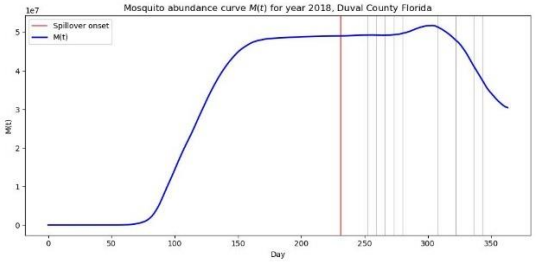

Mosquito abundance curve $M(t)$ for year 2012, Duval County Florida
Spillover onset
M(t)
1e7
M(t)
Day

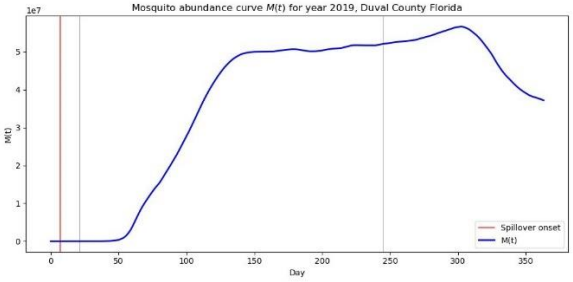

Mosquito abundance curve $M(t)$ for year 2013, Duval County Florida
Spillover onset
M(t)
1e7
M(t)
Day

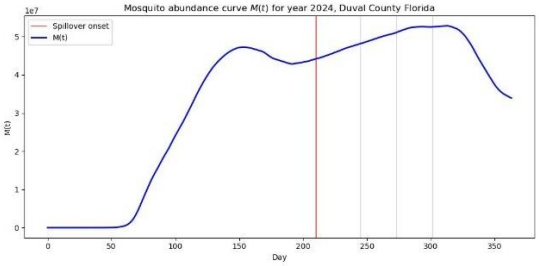

Mosquito abundance curve $M(t)$ for year 2014, Duval County Florida
Spillover onset
M(t)
1e7
M(t)
Day

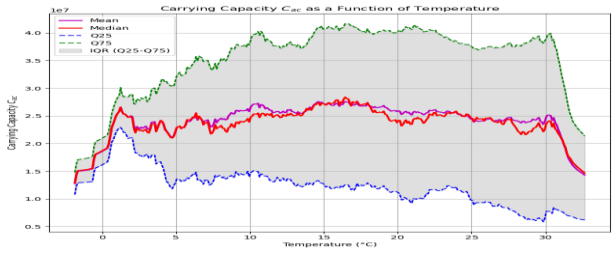

Mosquito abundance curve $M(t)$ for year 2015, Duval County Florida
Spillover onset
M(t)
1e7
M(t)
Day


Mosquito abundance curve $M(t)$ for year 2016, Duval County Florida
Spillover onset
M(t)
1e7
M(t)
Day


Mosquito abundance curve $M(t)$ for year 2018, Duval County Florida
Spillover onset
M(t)
1e7
M(t)
Day


Mosquito abundance curve $M(t)$ for year 2019, Duval County Florida
Spillover onset
M(t)
1e7
M(t)
Day


Mosquito abundance curve $M(t)$ for year 2024, Duval County Florida
Spillover onset
M(t)
1e7
M(t)
Day


Carrying Capacity C_{sc} as a Function of Temperature
Mean
Median
Q25
Q75
IQR (Q25-Q75)
1e7
Carrying Capacity C_{sc}
Temperature (°C)