

Table 2: Empirical mean and standard deviation including standard error of the mean and quantiles for each variable. The significant variables are highlighted.

Empirical mean and standard deviation for each variable plus standard error of the mean and quantiles									
ZIB iCAR filoviridae outbreak model									
Variable	Mean	SD	Naive SE	Time-series SE	2.50%	25%	50%	75%	97.50%
beta.(Intercept)	-5.01	0.34	0.01	0.03	-5.67	-5.24	-5.01	-4.77	-4.31
beta.tmin	2.50	0.54	0.01	0.06	1.41	2.14	2.49	2.87	3.62
beta.tmax	-1.27	0.42	0.01	0.04	-2.13	-1.55	-1.26	-0.98	-0.48
beta.precipitation	1.50	0.27	0.01	0.03	1.01	1.31	1.49	1.67	2.05
beta.land cover	-0.62	0.23	0.01	0.02	-1.04	-0.77	-0.62	-0.45	-0.16
beta.altitude	1.32	0.39	0.01	0.04	0.59	1.06	1.30	1.57	2.14
beta.lc_modification	1.16	0.23	0.01	0.02	0.75	1.00	1.15	1.33	1.64
beta.population density	1.37	0.51	0.01	0.03	0.48	1.00	1.33	1.70	2.50
gamma.(Intercept)	814.89	620.53	13.88	9.43	37.19	339.15	694.18	1159.63	2390.27
Vrho	9.90	0.07	0.00	0.01	9.75	9.85	9.92	9.96	10.00
Deviance	267.14	19.04	0.43	1.65	231.46	254.56	266.45	279.73	305.03
ZIB iCAR coronaviridae outbreak model									
Variable	Mean	SD	Naive SE	Time-series SE	2.5%	25.0%	50.0%	75.0%	97.5%
beta.(Intercept)	-6.26	0.62	0.01	0.04	-7.58	-6.66	-6.22	-5.82	-5.12
beta.tmin	4.31	2.63	0.06	0.53	-1.09	2.75	4.35	5.92	9.36
beta.tmax	-0.99	2.19	0.05	0.38	-5.07	-2.42	-0.97	0.34	3.56
beta.precipitation	-1.85	0.72	0.02	0.09	-3.21	-2.33	-1.89	-1.37	-0.38
beta.land cover	-0.26	0.45	0.01	0.02	-1.14	-0.56	-0.27	0.02	0.64
beta.altitude	2.21	0.66	0.01	0.10	0.95	1.77	2.20	2.63	3.51
beta.lc_modification	2.52	0.56	0.01	0.03	1.47	2.15	2.50	2.90	3.69
beta.population density	3.76	0.83	0.02	0.06	2.15	3.19	3.75	4.31	5.43
gamma.(Intercept)	776.97	587.09	13.13	14.20	38.15	320.45	639.27	1123.57	2115.22
Vrho	9.92	0.05	0.00	0.01	9.84	9.88	9.92	9.96	10.00
Deviance	59.01	10.23	0.23	0.72	40.72	51.93	58.34	65.40	81.11
ZIB iCAR Henipavirus outbreak model									
Variable	Mean	SD	Naive SE	Time-series SE	2.50%	25%	50%	75%	97.50%
beta.(Intercept)	-8.27	1.11	0.02	0.25	-11.53	-8.84	-8.19	-7.58	-6.35
beta.tmin	-3.65	1.37	0.03	0.20	-6.26	-4.49	-3.67	-2.88	-0.66
beta.tmax	2.35	1.14	0.03	0.18	-0.02	1.67	2.35	3.10	4.53
beta.precipitation	2.41	0.41	0.01	0.04	1.62	2.13	2.43	2.71	3.12
beta.land cover	0.29	0.27	0.01	0.02	-0.23	0.11	0.29	0.47	0.83
beta.altitude	-9.05	2.42	0.05	0.53	-16.27	-10.32	-8.84	-7.60	-4.95
beta.lc_modification	2.14	0.37	0.01	0.03	1.41	1.89	2.13	2.39	2.88
beta.population density	0.00	0.16	0.00	0.01	-0.31	-0.10	0.00	0.11	0.30
gamma.(Intercept)	817.58	628.34	14.05	18.91	51.19	321.06	676.77	1198.10	2297.75
Vrho	9.88	0.06	0.00	0.01	9.80	9.83	9.87	9.92	9.99
Deviance	116.76	12.93	0.29	0.83	93.46	107.92	115.86	124.60	144.91