**Table S1.** Selection of most parsimonious generalized linear model using AICc.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Model | Infection pressure | Species | Infection pressure:Species | LL | K | AICc | Δ AICc | AICc Wt | Cum Wt |
| 0 |  |  |  | -762.4 | 1 | 1526.7 | 515.85 | 0.00 | 1.00 |
| 1 | ✓ |  |  | -639.9 | 2 | 1283.8 | 272.90 | 0.00 | 1.00 |
| 2 | ✓ | ✓ |  | -498.4 | 7 | 1010.9 | 0.00 | 0.95 | 0.95 |
| 3 | ✓ | ✓ | ✓ | -498.4 | 10 | 1017 | 6.09 | 0.05 | 1.00 |
| LL = log likelihood; K = number model parameters; Wt = weight; Cum = cumulative. | | | | | | | | | |