**Table 1a.** Generalized linear mixed models tested with length of time seedlings were in the ground, fenced or unfenced treatment, and species of seedling as main effects. No interaction between length of time seedlings were in the ground and treatment was the best fit model, and the model without time or interactions between time and treatment was better fit than the full model that included time and interactions.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Model** | **Number of parameters** | **AICc** | **ΔAICc** | **Cumulative weights** |
| Treatment, time, species, species:treatment | 31 | 593.59\* | 0 | 0 |
| (Full) Time, species, treatment, treatment:species, treatment:time | 49 | 664.25 | 70.66 | 1 |
| Treatment, species, treatment:species | 13 | 612.89 | 19.3 | 1 |

\*Best fit model.

**Table 1b.** Generalized linear mixed model results for each of the six species in seedling plots.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Model** | **Species** | **AICc** | **ΔAICc** | **AICc weight** |
| With treatment | *Carica papaya* | 121.13 | 0 | 1 |
| No treatment | 155.81 | 34.68 | 0 |
| With treatment | *Morinda citrifolia* | 106.27 | 0 | 0.98 |
| No treatment | 114.55 | 8.27 | 0.02 |
| With treatment | *Premna serratifolia* | 86.4 | 0 | 0.98 |
| No treatment | 94.17 | 7.77 | 0.02 |
| With treatment | *Psychotria mariana* | 78.39 | 0 | 1 |
| No treatment | 100.51 | 22.12 | 0 |
| No treatment | *Aglaia mariannensis* | 79.36 | 0 | 0.56 |
| With treatment | 79.88 | 0.52 | 1 |
| No treatment | *Ochrosia oppositifolia* | 46.22 | 0 | 0.8 |
| With treatment | 48.94 | 2.72 | 1 |