**Table 2.** Summary of Analysis of Deviance for exotic species (*Bromus madritensis ssp. rubens*) from GLM. Spatial pattern (clumped vs. dispersed), treatment, and pattern\*treatment. Each measure was treated as separate models. Density refers to quantity of individual germination events and cover refers to a bird’s-eye estimate of the percent of soil covered by plant material. Establishment data was collected at week 4 and final data was collected at week 8.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | **df** | **Deviance Resid.** | **df Resid.** | **Dev** | **Pr(>Chi)** |
| **Establishment:** |  |  |  |  |  |  |
| **B. rubens Density** | **NULL** |  |  | 39 | 80.645 |  |
|  | **pattern** | 1 | 0.927 | 38 | 79.718 | 0.154830 |
|  | **treatment:rep** | 2 | 55.656 | 36 | 24.062 | < 2.2\*10-16 |
|  | **pattern:treatment:rep** | 2 | 7.964 | 34 | 16.098 | 1.68\*10-4 |
|  |  |  |  |  |  |  |
| **B. rubens**  **Cover** | **NULL** |  |  | 39 | 7734.4 |  |
|  | **pattern** | 1 | 105.6 | 38 | 7628.8 | 0.29706 |
|  | **treatment:rep** | 2 | 3475.3 | 36 | 4153.4 | 1.704\*10-8 |
|  | **pattern:treatment:rep** | 2 | 850.6 | 34 | 3302.8 | 0.01255 |
| **Final:** |  |  |  |  |  |  |
| **B. rubens Density** | **NULL** |  |  | 39 | 82.371 |  |
|  | **pattern** | 1 | 0.927 | 38 | 81.444 | 0.175539 |
|  | **treatment:rep** | 2 | 55.802 | 36 | 25.642 | < 2.2\*10-16 |
|  | **pattern:treatment:rep** | 2 | 8.323 | 34 | 17.319 | 2.65\*10-4 |
|  |  |  |  |  |  |  |
| **B. rubens**  **Cover** | **NULL** |  |  | 39 | 6697.5 |  |
|  | **pattern** | 1 | 2.50 | 38 | 6695.0 | 0.87020 |
|  | **treatment:rep** | 2 | 3067.74 | 36 | 3627.3 | 7.675\*10-8 |
|  | **pattern:treatment:rep** | 2 | 443.93 | 34 | 3183.3 | 0.09341 |
|  |  |  |  |  |  |  |
| **B. rubens Biomass** | **NULL** |  |  | 39 | 0.048924 |  |
|  | **pattern** | 1 | 1.062\*10-3 | 38 | 0.047862 | 0.177155 |
|  | **treatment:rep** | 2 | 2.194\*10-2 | 36 | 0.025927 | 6.77\*10-9 |
|  | **pattern:treatment:rep** | 2 | 6.103\*10-3 | 34 | 0.019824 | 5.335\*10-3 |