S5. Summary of GLMMs with negative binomial distribution of *E. erecta* percent cover in response to management treatment and (+/-) *C. douglasii* addition. To help model convergence, in the 2014 model we used an orthogonal set of contrasts and did not use initial optimization to achieve better initial estimates of the fixed parameters. Table shows least squared means contrasts between planted and unplanted subplots within each treatment.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Coefficient | SE | Z | P |
| GLMM for *E. erecta* cover Oct 2013 (5 months following planting) |
| Control | 0.23 | 0.26 | 0.90 | 0.37 |
| Herbicide | -0.67 | 1.26 | -0.53 | 0.60 |
| Pull | -0.21 | 0.34 | -0.61 | 0.54 |
| GLMM for *E. erecta* cover Oct 2014 (17 months following planting) |
| Control | 0.23 | 0.28 | 0.83 | 0.41 |
| Herbicide | 0.23 | 0.35 | 0.65 | 0.52 |
| Pull | -0.046 | 0.29 | -0.16 | 0.87 |