S3. Summary of GLMMs with negative binomial distribution of native speciespercent cover in response to treatment. Significance of factors is indicated by the superscripts and was determined by releveling factors.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Parameter | | Coefficient | | SE | | Z | P | |
| GLMM for Native Species Cover Dec 2012 (Pre-treatment) | | | | | | | | |
| Intercept (Control) a | | 1.97 | 0.39 | 5.02 | | | < 0.0001 | |
| Herbicide a | | 0.38 | 0.38 | 1.01 | | | 0.31 | |
| Pull a | | 0.19 | 0.38 | 0.51 | | | 0.61 | |
| GLMM for Native Species Cover Jan/Feb 2013 (1-2 months following treatment) | | | | | | | | |
| Intercept (Control) a | | 1.81 | 0.38 | 4.78 | | | < 0.0001 | |
| Herbicide b | | -1.08 | 0.30 | -3.59 | | | 0.00033 | |
| Pull a | | -0.53 | 0.28 | -1.87 | | | 0.062 | |
| GLMM for Native Species Cover Oct 2014 (22 months following treatment) | | | | | | | | |
| Intercept (Control) a | | 1.98 | 0.44 | 4.51 | | | < 0.0001 | |
| Herbicide b | | -2.50 | 0.50 | -4.95 | | | < 0.0001 | |
| Pull a  Reference a | | 0.52  0.47 | 0.45  0.46 | 1.15  1.02 | | | 0.25  0.31 | |