

Table S1. Analysis of variance (ANOVA) results for the effects of P-J reduction treatment and plant community type on pre-treatment vegetation and ground cover variables. Note: variables that could not be transformed to meet ANOVA assumptions were analyzed for main-, but not interaction-effects (i.e., indicated by dashes) with non-parametric Kruskal-Wallis tests. Asterisks indicate significance ($***P < 0.001$, $**P < 0.01$, $*P < 0.05$).

Effect	Pinyon- Juniper	Sagebrush	Perennial grass	Perennial forb	Annual grass	Annual forb	Bare ground	Cryptogam
Treatment	21.25***	6.69**	6.72**	0.05	0.16	0.052	0.9825	0.60
Community	1.64	2.21	0.70	7.28**	7.66*	0.2422	0.2459	7.44*
T x C	0.56	1.62	1.61	0.30	---	0.5487	1.291	---