

Table OR7 Analysis of Variance table of type 3 with Satterthwaite approximation for degrees of freedom of the linear mixed effects models for the Evapotranspiration (ET), Evaporation (E) and community transpiration (T) parameters as a function of exploratory, management intensity, treatment (precipitation reduction) and the interaction treatment management for the campaign late summer 2012.

late summer 2012		ET				E			Ts	
Fixed factors	Num df	den DF _b	F-value or z - score	p _a	den DF _b	F-value or z - score	p _a	den DF _b	F-value or z - score	p _a
exploratory	2	3	2.478	0.233	3	0.116	0.894	3	2.747	0.064
management	2	3	13.15	0.034	3	7.412	0.070	3	0.810	0.600
managed - intensive ^c			-5.477	<.001						
unmanaged - intensive			-3.729	<.001						
unmanaged - managed			0.989	0.967						
treatment	1	52	5.01	0.030	52	0.004	0.949	29	29.37	<.001
management * treatment	2	52	3.093	0.054	52	2.049	0.139	29	1.481	0.244

^a Significant probabilities (< 0.05) are shown in bold.

^b denDF is the number of degrees of freedom associated with the model errors.

^c Results of multiple comparisons of means (Tukey Contrasts) were calculated for each parameter per factor of the linear mixed effects models. P values were adjusted by the bonferroni method.