

Table 2: Permutational analysis of variance (PERMANOVA) of a) T_{2WL} , b) T_{2peak} , c) τ_{YP} , d) τ_{max} and e) SI as function of the polymer type and soil extract of the FSE. Significant effects and interactions are shown marked in bold, respectively.

a T_{2WL}					
	Df	Sum Sq	R2	F value	Pr(>F)
Polymer type	1	2.66	0.09	84.61	0.001
Soil extract	2	24.84	0.86	394.45	0.001
Polymer type: soil extract	2	0.74	0.03	11.78	0.002
Residuals	24	0.76	0.03		
b T_{2peak}					
	Df	Sum Sq	R2	F value	Pr(>F)
Polymer type	1	3.29	0.11	136.42	0.001
Soil extract	2	24.38	0.84	506.27	0.001
Polymer type: soil extract	2	0.75	0.03	15.64	0.001
Residuals	24	0.58	0.02		
c τ_{YP}					
	Df	Sum Sq	R2	F value	Pr(>F)
Polymer type	1	12.58	0.43	25.43	0.001
Soil extract	2	2.97	0.10	3.00	0.058
Polymer type: soil extract	2	1.59	0.05	1.61	0.218
Residuals	24	11.87	0.41		
d τ_{max}					
	Df	Sum Sq	R2	F value	Pr(>F)
Polymer type	1	19.26	0.66	70.08	0.001
Soil extract	2	2.04	0.07	3.71	0.040
Polymer type: soil extract	2	1.11	0.04	2.02	0.176
Residuals	24	6.59	0.23		
e SI					
	Df	Sum Sq	R2	F value	Pr(>F)
Polymer type	1	23.43	0.81	2,377.71	0.001
Soil extract	2	5.09	0.18	258.37	0.001
Polymer type: soil extract	2	0.24	0.01	11.97	0.001
Residuals	24	0.24	0.01		