**S3 Table. ANOVA test comparing spatial persistence values for solutes measured in different land use categories over three synoptic sampling events in the Utah Lake watershed.** Asterisks denote significant *p*-values: '\*\*\*' < 0.001; '\*\*' <0.01; '\*' < 0.05; '.' < 0.1 .

Df Sum Sq Mean Sq F value Pr(>F)

Solute 10 5.245 0.5245 21.542 < 2e-16 \*\*\*

Category 3 1.750 0.5834 23.960 1.74e-11 \*\*\*

Season 3 0.365 0.1216 4.993 0.0030 \*\*

Solute:Category 30 2.567 0.0856 3.514 2.21e-06 \*\*\*

Category:Season 9 1.137 0.1264 5.190 1.14e-05 \*\*\*

Solute:Season 30 1.278 0.0426 1.750 0.0229 \*

Residuals 90 2.191 0.0243