

	Two Way ANOVA Fixed Effects Spatial Correlation	Two Way ANOVA Fixed Effects ARI	Linear Mixed Effects Model Spatial Correlation	Linear Mixed Effects Model ARI
Time	F=953.8; p<2e-16	F=620.7; p<2e-16	F=300.4; p<2e-16	F=166.0; p<2e-16
Bootstrap	F=515.8; p<2e-16	F=81.0; p<2e-16	F=270.4; p<2e-16	F=32.2; p<2e-16
Time * Bootstrap	F=21.6; p<2e-16	F=16.46; p<2e-16	F=390.0; p<2e-16	F=70.4; p<2e-16
Posthoc Tukey HSD Time	All p<0.05, except 25-15, 25-20	All p<0.5 except, 20-15, 25-15, 25-20.	Fixed effects all p<0.01 except time 1 min	Fixed effects all p<0.05
Posthoc Tukey HSD Bootstrap	All p<0.05 except 800-400	All p < 0.05 except 200-100, 400-200, 800-200, 800-400	Interactions all p<0.01	Interactions all p<0.01 except all 1 min