Supplemental Material S3. RESULTS OF THE BEST MODEL FROM THE LINEAR MIXED MODEL ANALYSIS

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	208.000	894.133	.000
GC.level	3	208.000	76.166	.000
Group * GC.level	4	208.000	3.929	.004
GC.level * Speed.Factor	4	208.000	4.843	.001
GC.level * Inhibition.Factor	4	208.000	2.688	.032

a. Dependent Variable: G4.pc.sgdu.Mn.

Estimates of Fixed Effects[a]

Parameter	B Estimate	Std. Error	df	t	Sig.	95% Confidence Interval Lower Bound	95% Confidence Interval Upper Bound
Intercept	.489026	.027846	208.000	17.562	.000	.434130	.543921
[GC.level=1]	-.419048	.039380	208.000	-10.641	.000	-.496683	-.341414
[GC.level=2]	-.342475	.039380	208.000	-8.697	.000	-.420110	-.264841
[GC.level=3]	-.194579	.039380	208.000	-4.941	.000	-.272213	-.116944
[GC.level=4]	0[b]	0	.	.	.	.	.
[Group=1] * [GC.level=1]	.062364	.034273	208.000	1.820	.070	-.005203	.129931
[Group=1] * [GC.level=2]	.058176	.034273	208.000	1.697	.091	-.009391	.125743
[Group=1] * [GC.level=3]	-.015993	.034273	208.000	-.467	.641	-.083560	.051573
[Group=1] * [GC.level=4]	-.104546	.034273	208.000	-3.050	.003	-.172113	-.036980
[Group=2] * [GC.level=1]	0[b]	0	.	.	.	.	.
[Group=2] * [GC.level=2]	0[b]	0	.	.	.	.	.
[Group=2] * [GC.level=3]	0[b]	0	.	.	.	.	.
[Group=2] * [GC.level=4]	0[b]	0	.	.	.	.	.
[GC.level=1] * Speed.Factor	.040246	.018452	208.000	2.181	.030	.003869	.076623
[GC.level=2] * Speed.Factor	.018239	.018452	208.000	.988	.324	-.018138	.054616
[GC.level=3] * Speed.Factor	.009056	.018452	208.000	.491	.624	-.027321	.045433
[GC.level=4] * Speed.Factor	-.067540	.018452	208.000	-3.660	.000	-.103917	-.031163
[GC.level=1] * Inhibition.Factor	.033767	.016797	208.000	2.010	.046	.000652	.066881
[GC.level=2] * Inhibition.Factor	-.041653	.016797	208.000	-2.480	.014	-.074768	-.008539
[GC.level=3] * Inhibition.Factor	-.004020	.016797	208.000	-.239	.811	-.037134	.029094

[GC.level=4] * Inhibition.Factor	.011907	.016797	208.000	.709	.479	-.021208	.045021

a. Dependent Variable: G4.pc.sgdu.Mn.

b. This parameter is set to zero because it is redundant.