

**B**

models	aic	deltaAIC	batch_p	e_p	sumVIF
~ 1	-215.3	NA	NA	NA	NA
~ Year	-226.0	10.7	4.3e-04	NA	NA
~ Year + Tissue	-238.1	22.8	9.5e-05	NA	2
~ Year + Tissue + Strength	-241.9	26.6	2.2e-01	2.3e-02	5
~ Year + Tissue + Strength + Tissue:Strength	-225.5	10.2	2.4e-01	1.3e-03	24
~ Tissue + Strength + Tissue:Strength	-225.9	10.6	NA	1.4e-03	20
~ Tissue + Strength	-242.2	26.9	NA	1.4e-05	2

C

darkorange2 ~ Tissue + Strength

	Sum Sq	Df	F value	Pr(>F)	eta^2
Tissue	0.21	9	3.6	0.00062	0.24
scale(strength.all_study)	0.13	1	21	1.4e-05	0.17
Residuals	0.67	100	NA	NA	NA

D