

S1 Table

Effect	DF	SS	MS	F	P
Nested mean effect on shell diameter					
pH	3	55973	18658	9.758	< 0.001
Nested (pH x replicates)	12	5060	422	0.221	0.997
Residuals	503	961724	1912		
Nested mean effect shell weight					
pH	3	876	291.87	12.353	< 0.001
Nested (pH x replicates)	12	292	24.36	1.031	0.418
Residuals	503	11885	23.63		
Nested mean effect on chambers added					
pH	3	146.5	48.83	9.482	< 0.001
Nested (pH x replicates)	12	210.9	17.57	3.413	< 0.001
Residuals	503	2590.1	5.15		