

**S4 Table ANOVA source information for Fig 2**

<b>&gt;5 mm</b>	<b>df</b>	<b>Sum of squares</b>	<b>Mean square</b>	<b>F value</b>	<b>p value</b>
<b>Between Groups</b>	5	777.063	155.413	11.161	0.001
<b>Within Groups</b>	10	139.246	13.925		
<b>Total</b>	15	916.309			
<b>5 - 2 mm</b>	<b>df</b>	<b>Sum of squares</b>	<b>Mean square</b>	<b>F value</b>	<b>p value</b>
<b>Between Groups</b>	5	26.558	5.312	4.698	0.018
<b>Within Groups</b>	10	11.307	1.131		
<b>Total</b>	15	37.865			
<b>2 - 1 mm</b>	<b>df</b>	<b>Sum of squares</b>	<b>Mean square</b>	<b>F value</b>	<b>p value</b>
<b>Between Groups</b>	5	9.065	1.813	1.591	0.249
<b>Within Groups</b>	10	11.395	1.139		
<b>Total</b>	15	20.459			
<b>1.0 - 0.5 mm</b>	<b>df</b>	<b>Sum of squares</b>	<b>Mean square</b>	<b>F value</b>	<b>p value</b>
<b>Between Groups</b>	5	99.855	19.971	6.300	0.007
<b>Within Groups</b>	10	31.702	3.170		
<b>Total</b>	15	131.557			
<b>0.5 - 0.25 mm</b>	<b>df</b>	<b>Sum of squares</b>	<b>Mean square</b>	<b>F value</b>	<b>p value</b>
<b>Between Groups</b>	5	41.652	8.330	14.354	0.000
<b>Within Groups</b>	10	5.803	0.580		
<b>Total</b>	15	47.456			
<b>&lt; 0.25 mm</b>	<b>df</b>	<b>Sum of squares</b>	<b>Mean square</b>	<b>F value</b>	<b>p value</b>
<b>Between Groups</b>	5	42.792	8.558	9.654	0.001
<b>Within Groups</b>	10	8.865	0.887		
<b>Total</b>	15	51.657			