Table S4 Analysis of variance table

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| --- | --- | --- | --- | --- | --- | --- |
| Source of variance | variance (statistics) | Degrees of Freedom | Variance | F-value | P-value | Significance |
| model | 4.236x10-4 | 9 | 4.706x10-5 | 50.22 | <0.0001 | \*\* |
| A | 6.125x10-6 | 1 | 6.125x10-6 | 6.54 | 0.0377 | \* |
| B | 1.560x10-5 | 1 | 1.560x10-5 | 16.65 | 0.0047 | \*\* |
| C | 2.293x10-5 | 1 | 2.293x10-5 | 24.47 | 0.0017 | \*\* |
| AB | 4.786x10-7 | 1 | 4.786x10-7 | 0.51 | 0.4980 |  |
| AC | 1.614x10-7 | 1 | 1.614x10-7 | 0.17 | 0.6806 |  |
| BC | 4.000x10-6 | 1 | 4.000x10-6 | 4.27 | 0.0477 | \* |
| A2 | 1.428x10-4 | 1 | 1.428x10-4 | 152.37 | <0.0001 | \*\* |
| B2 | 9.202x10-5 | 1 | 9.202x10-5 | 98.2 | <0.0001 | \*\* |
| C2 | 8.244x10-5 | 1 | 8.244x10-5 | 87.97 | <0.0001 | \*\* |
| residual | 6.560x10-6 | 7 | 9.372x10-7 |  |  |  |
| Misfit term | 5.360x10-6 | 3 | 1.787x10-6 | 5.96 | 0.1265 | not significant |
| Error | 1.200x10-6 | 4 | 3.000x10-7 |  |  |  |
| Sum | 4.301x10-4 | 16 |  |  |  |  |