

a. Two-way ANOVA table for 16S rRNA-gene copy number as a function of a 5 (crust maturity: A, B, C, D, E) X 3 (sampling time: D, WE, WL) design

| Source of variation   | df | SS        | Mean SS   | F      | Pr(>F)      |
|---|----|-----------|-----------|--------|-------------|
| Crust Maturity  | 4  | 7.464e+22 | 1.866e+22 | 10.961 | 1.78e-05*** |
| Sampling Time   | 2  | 1.482e+21 | 7.412e+20 | 0.435  | 0.651       |
| Crust Maturity*Sampling Time                                  | 8  | 1.042e+22 | 1.302e+21 | 0.765  | 0.636       |
| Residuals   | 28 | 4.766e+22 | 1.702e+21 |        |             |
| Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1 |    |           |           |        |             |

b. Two-way ANOVA table for 16S rRNA copy number as a function of a 5 (crust maturity: A, B, C, D, E) X 3 (sampling time: D, WE, WL) design

| Source of variation   | df | SS        | Mean SS   | F     | Pr(>F)    |
|---|----|-----------|-----------|-------|-----------|
| Crust Maturity  | 4  | 5.591e+27 | 1.398e+27 | 6.001 | 0.00114** |
| Sampling Time   | 2  | 2.990e+26 | 1.495e+26 | 0.642 | 0.53339   |
| Crust Maturity*Sampling Time                                  | 8  | 1.335e+27 | 1.669e+26 | 0.717 | 0.67526   |
| Residuals   | 30 | 6.988e+27 | 2.329e+26 |       |           |
| Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1 |    |           |           |       |           |