S4 Table:

Linear model fit for the full residuals model

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Estimate  | Std. Error | t value | Pr(>|t|)  |
| (Intercept)  | -0.564069  | 0.184768 | -3.053 | 0.00431 |
| Log10 (range) |  0.081897  | 0.027708 | 2.956 | 0.00555 |
| Log10 (size) | -0.003324  | 0.024399 | -0.136 | 0.89242 |
| Kingdom (0=animal, 1=plant) | 0.110979  | 0.051457 | 2.157 | 0.03798 |
| Log10 (size) : Kingdom | -0.176618 | 0.061397 | -2.877 | 0.00680 |

Overall F-statistic: 6.035 on 4 and 35 DF, p-value: 0.0008399, adjusted R-squared: 0.3405