anova <- aov(Z$CTmax~Z$Life\_stage+Z$Before\_wt\_mg)

Summary (anova)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Df | Sum Sq | Mean Sq | F value | Pr(>F) |
| Life stage | 2 | 16.785 | 8.392 | 23.536 | 4.34e-06 \*\*\* |
| Before weight | 1 | 0.131 | 0.131 | 0.367 | 0.551 |
| Residuals | 21 | 7.488 | 0.357 |  |  |

anova <- aov(Z$CTmax~Z$Life\_stage\*before\_weight)

summary (anova)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Df | Sum Sq | Mean Sq | F value | Pr(>F) |
| Life stage | 2 | 16.785 | 8.392 | 24.719 | 5.16e-06\*\*\* |
| Before weight | 1 | 0.131 | 0.131 | 0.385 | 0.542 |
| Life Stage\*before weight | 2 | 1.037 | 0.519 | 1.528 | 0.243 |
| Residuals | 19 | 6.451 | 0.340 |  |  |