12 v 16

lm(formula = co2\_min\_mass ~ treat, data = treatmasspeaks12and16)

Residuals:

Min 1Q Median 3Q Max

-0.52395 -0.11414 0.00306 0.11950 0.34991

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 0.49279 0.03092 15.940 < 2e-16 \*\*\*

treat2 0.18898 0.03875 4.876 5.9e-06 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.1636 on 75 degrees of freedom

(5 observations deleted due to missingness)

Multiple R-squared: 0.2407, Adjusted R-squared: 0.2306

F-statistic: 23.78 on 1 and 75 DF, p-value: 5.9e-06

UZ12 vs UZ16

Call:

lm(formula = co2\_min\_mass ~ treat, data = uzcomp)

Residuals:

Min 1Q Median 3Q Max

-0.15496 -0.10234 -0.03463 0.04737 0.43411

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 0.32980 0.04886 6.749 1.75e-07 \*\*\*

treat2 0.26777 0.05642 4.746 4.77e-05 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.1382 on 30 degrees of freedom

Multiple R-squared: 0.4288, Adjusted R-squared: 0.4098

F-statistic: 22.52 on 1 and 30 DF, p-value: 4.77e-05

BE12 vs BE16

Call:

lm(formula = co2\_min\_mass ~ treat, data = becomp)

Residuals:

Min 1Q Median 3Q Max

-0.60478 -0.07415 0.01492 0.09215 0.24223

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 0.55799 0.03056 18.261 < 2e-16 \*\*\*

treat2 0.20461 0.04100 4.991 1.04e-05 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.1367 on 43 degrees of freedom

(5 observations deleted due to missingness)

Multiple R-squared: 0.3668, Adjusted R-squared: 0.3521

F-statistic: 24.91 on 1 and 43 DF, p-value: 1.043e-05

UZ12 vs BE12

Call:

lm(formula = co2\_min\_mass ~ strain, data = treatmasspeaks)

Residuals:

Min 1Q Median 3Q Max

-0.14055 -0.06471 -0.01508 0.05111 0.28250

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 0.55799 0.02216 25.184 < 2e-16 \*\*\*

strainUZ -0.22819 0.04145 -5.505 8.9e-06 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.09909 on 26 degrees of freedom

(5 observations deleted due to missingness)

Multiple R-squared: 0.5382, Adjusted R-squared: 0.5205

F-statistic: 30.31 on 1 and 26 DF, p-value: 8.905e-06

UZ16 vs BE16

Call:

lm(formula = co2\_min\_mass ~ strain, data = treatmasspeaks16)

Residuals:

Min 1Q Median 3Q Max

-0.60478 -0.09968 0.01478 0.09713 0.43411

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 0.76260 0.03088 24.69 <2e-16 \*\*\*

strainUZ -0.16503 0.04413 -3.74 5e-04 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.1544 on 47 degrees of freedom

Multiple R-squared: 0.2293, Adjusted R-squared: 0.2129

F-statistic: 13.99 on 1 and 47 DF, p-value: 0.0004998

Shallow v deep

Call:

lm(formula = co2\_min\_mass ~ term, data = massdiff)

Residuals:

Min 1Q Median 3Q Max

-0.14178 -0.04139 -0.01370 0.05801 0.15543

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 0.59024 0.02863 20.615 7.13e-12 \*\*\*

termShallow Diapause -0.03945 0.03818 -1.033 0.319

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.07575 on 14 degrees of freedom

Multiple R-squared: 0.07087, Adjusted R-squared: 0.004505

F-statistic: 1.068 on 1 and 14 DF, p-value: 0.3189