Analysis of Variance Table

Response: hsp70

Df Sum Sq Mean Sq F value Pr(>F)

Treatment 3 3.5531e-90 1.1844e-90 4.69 0.004414 \*\*

Residuals 86 2.1718e-89 2.5250e-91

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

Analysis of Variance Table

Response: gpx

Df Sum Sq Mean Sq F value Pr(>F)

Treatment 3 2.7576e-94 9.1920e-95 2.9194 0.03863 \*

Residuals 86 2.7078e-93 3.1490e-95

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

Analysis of Variance Table

Response: mt

Df Sum Sq Mean Sq F value Pr(>F)

Treatment 3 9.8160e-65 3.2720e-65 1.5131 0.2169

Residuals 86 1.8596e-63 2.1620e-65

Tukey multiple comparisons of means

95% family-wise confidence level

factor levels have been ordered

Fit: aov(formula = hsp70 ~ Treatment, data = data)

$Treatment

diff lwr upr p adj

aircontrol-airstress 1.016374e-48 -3.959570e-46 3.979898e-46 0.9999999

co2control-airstress 9.980049e-48 -3.786351e-46 3.985952e-46 0.9998898

co2stress-airstress 4.660995e-46 6.912606e-47 8.630729e-46 0.0146560

co2control-aircontrol 8.963674e-48 -3.796515e-46 3.975788e-46 0.9999202

co2stress-aircontrol 4.650831e-46 6.810969e-47 8.620565e-46 0.0149412

co2stress-co2control 4.561194e-46 6.750429e-47 8.447346e-46 0.0147034

Tukey multiple comparisons of means

95% family-wise confidence level

factor levels have been ordered

Fit: aov(formula = gpx ~ Treatment, data = data)

$Treatment

diff lwr upr p adj

airstress-aircontrol 6.497336e-50 -4.367665e-48 4.497611e-48 0.9999795

co2control-aircontrol 1.401263e-49 -4.199183e-48 4.479435e-48 0.9997812

co2stress-aircontrol 4.141879e-48 -2.907586e-49 8.574517e-48 0.0757567

co2control-airstress 7.515293e-50 -4.264156e-48 4.414462e-48 0.9999662

co2stress-airstress 4.076906e-48 -3.557320e-49 8.509544e-48 0.0828189

co2stress-co2control 4.001753e-48 -3.375558e-49 8.341062e-48 0.0815959