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

> summary(model2)

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

group.factor 2 3894 1947.1 32.84 1.29e-12 \*\*\*

Residuals 155 9191 59.3

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

TukeyHSD(model2)

Tukey multiple comparisons of means

95% family-wise confidence level

Fit: aov(formula = bdi\_total ~ group.factor, data = .)

$group.factor

diff lwr upr p adj

CLBP-HC 6.865000 3.425537 10.304463 0.0000153

FM-HC 12.853636 9.086895 16.620377 0.0000000

FM-CLBP 5.988636 2.419947 9.557326 0.0003202

> summary(model3)

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

group.factor 2 127.3 63.63 5.293 0.00597 \*\*

Residuals 155 1863.2 12.02

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

TukeyHSD(model3)

Tukey multiple comparisons of means

95% family-wise confidence level

Fit: aov(formula = ess\_total ~ group.factor, data = .)

$group.factor

diff lwr upr p adj

CLBP-HC 0.975000 -0.5736059 2.523606 0.2985502

FM-HC 2.327273 0.6313109 4.023235 0.0040578

FM-CLBP 1.352273 -0.2545170 2.959062 0.1176717

> summary(model4)

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

group.factor 2 562.2 281.12 33.41 8.64e-13 \*\*\*

Residuals 155 1304.3 8.42

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

> TukeyHSD(model4)

Tukey multiple comparisons of means

95% family-wise confidence level

Fit: aov(formula = psqi\_Global ~ group.factor, data = .)

$group.factor

diff lwr upr p adj

CLBP-HC 1.121250 -0.1744465 2.416947 0.1043796

FM-HC 4.703636 3.2846493 6.122623 0.0000000

FM-CLBP 3.582386 2.2380083 4.926764 0.0000000

> summary(model5)

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

group.factor 2 29187 14593 96.93 <2e-16 \*\*\*

Residuals 155 23337 151

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

>

> TukeyHSD(model5)

Tukey multiple comparisons of means

95% family-wise confidence level

Fit: aov(formula = mcgill\_total ~ group.factor, data = .)

$group.factor

diff lwr upr p adj

CLBP-HC 23.37750 17.896885 28.85811 0.00e+00

FM-HC 34.00818 28.006065 40.01030 0.00e+00

FM-CLBP 10.63068 4.944151 16.31721 5.38e-05