A screenshot of a math formula

Description automatically generated

A close-up of a text

Description automatically generatedA white paper with black text

Description automatically generatedA screenshot of a computer

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Description automatically generatedA math equations and formulas

Description automatically generated with medium confidence

* model1 <- lm(mass ~ height, data = filtered\_data)
* summary(model1)

Call:

lm(formula = mass ~ height, data = filtered\_data)

Residuals:

Min 1Q Median 3Q Max

-33.575 -8.374 2.125 7.038 46.075

Coefficients:

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

(Intercept) -16.86335 10.27043 -1.642 0.107

height 0.51005 0.05868 8.691 1.05e-11 \*\*\*

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

Residual standard error: 15.09 on 52 degrees of freedom

Multiple R-squared: 0.5923, Adjusted R-squared: 0.5844

F-statistic: 75.54 on 1 and 52 DF, p-value: 1.046e-11