Untitled

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## Load Packages

library(flextable)  
library(broom)

## Data Generation

set.seed(123)  
n <- 100  
x1 <- rnorm(n)  
x2 <- rnorm(n)  
x3 <- rnorm(n)  
y1 <- 1 + 2\*x1 + rnorm(n)  
y2 <- 1 + 3\*x2 + rnorm(n)  
y3 <- 1 + 4\*x3 + rnorm(n)  
  
data <- data.frame(y1, y2, y3, x1, x2, x3)

## Create Regression Models

model1 <- lm(y1 ~ x1 + x2 + x3, data = data)  
model2 <- lm(y2 ~ x1 + x2 + x3, data = data)  
model3 <- lm(y3 ~ x1 + x2 + x3, data = data)

## Tidy Models with Broom

tidy\_model1 <- broom::tidy(model1)  
tidy\_model2 <- broom::tidy(model2)  
tidy\_model3 <- broom::tidy(model3)

## Display Results with Flextable

ft1 <- flextable(tidy\_model1)  
ft2 <- flextable(tidy\_model2)  
ft3 <- flextable(tidy\_model3)  
  
ft1

| term | estimate | std.error | statistic | p.value |
| --- | --- | --- | --- | --- |
| (Intercept) | 0.98067390 | 0.1073437 | 9.1358346 | 0.000000000000010693563046249976536190 |
| x1 | 1.94454938 | 0.1168766 | 16.6376334 | 0.000000000000000000000000000004901983 |
| x2 | 0.04621817 | 0.1094559 | 0.4222537 | 0.673784036484247783604928372369613498 |
| x3 | -0.05738700 | 0.1122308 | -0.5113302 | 0.610293946054560776381947562185814604 |

ft2

| term | estimate | std.error | statistic | p.value |
| --- | --- | --- | --- | --- |
| (Intercept) | 1.11658890 | 0.09949072 | 11.2230457 | 0.000000000000000000361009629630750221621460507753098998 |
| x1 | -0.22295243 | 0.10832623 | -2.0581575 | 0.042284981908269701766922565866479999385774135589599609 |
| x2 | 2.85740825 | 0.10144847 | 28.1661053 | 0.000000000000000000000000000000000000000000000003372511 |
| x3 | -0.04911833 | 0.10402034 | -0.4721992 | 0.637856204159140904863534160540439188480377197265625000 |

ft3

| term | estimate | std.error | statistic | p.value |
| --- | --- | --- | --- | --- |
| (Intercept) | 0.97301086 | 0.09654578 | 10.0782334 | 0.0000000000000001010146277613474545656471981259527419896065950793464 |
| x1 | -0.05128554 | 0.10511975 | -0.4878773 | 0.6267491742766073681281113749719224870204925537109375000000000000000 |
| x2 | 0.10849635 | 0.09844557 | 1.1020948 | 0.2731758268009240597784526016766903921961784362792968750000000000000 |
| x3 | 4.00825247 | 0.10094132 | 39.7087402 | 0.0000000000000000000000000000000000000000000000000000000000002218927 |