Research Methods - Assignment 1

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10/28/2021

1 Load data

```
df_exp1 <- read.csv("https://raw.githubusercontent.com/bocowgill-collaborations/ResearchMethods-Reposit
    sep = "")
```

2 Statistical analyses

Does having an education from an elite college increase the chances of getting a callback?

```
m1 <- lm(calledback ~ EliteSchoolCandidate + MaleCandidate, data = df_exp1)
```

3 Output

```
apa_lm <- apa_print(m1)
apa_table(apa_lm$table, caption = "Linear model predicting chance of receiving a call back
  for an interview from having a degree at an elite university",
    placement = "h")
```

Table 1: Linear model predicting chance of receiving a call back for an interview from having a degree at an elite university

Predictor	b	95% CI	$t(861)$	p
Intercept	0.61	[0.56, 0.66]	22.01	$< .001$
EliteSchoolCandidate	0.14	[0.07, 0.20]	4.27	$< .001$
MaleCandidate	-0.04	[−0.11, 0.02]	-1.37	.170

The analysis indicates a positive relationship between having a degree at an elite university and getting a call back for an interview. That is, when sending out resumes that are otherwise identical, having a degree at an elite university increases the chances of getting a call back for an interview, adjusting for gender.