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## Code for Comments on Kim and Patterson Jr. 2021
## "The Pandemic and Gender Inequality in Academia"
## Data: https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/IDCU63

## Code drawn or adapted from the Kim and Patterson Jr. 2021 code:

library(tidyverse)
top50 <- readRDS("G:dataverse_files/ps_top50.RDS")
summary(lm(twitteruser ~ female*assistant + female*full , data=top50))

## Other code:

REG1 <- lm(twitteruser ~ female + assistant + associate + full, data=top50)
summary(REG1)
nobs(REG1)

LOGIT <- glm(twitteruser ~ female + assistant + associate + full, data=top50, family="binomial")
summary(LOGIT)
nobs(LOGIT)

summary(lm(twitteruser[assistant==1] ~ female[assistant==1], data=top50))
summary(lm(twitteruser[associate==1] ~ female[associate==1], data=top50))
summary(lm(twitteruser[full ==1] ~ female[full ==1], data=top50))

table(top50$female[top50$assistant==1])
table(top50$female[top50$associate==1])
table(top50$female[top50$full ==1])

table(top50$female[top50$assistant==1 & top50$twitteruser==1])
table(top50$female[top50$associate==1 & top50$twitteruser==1])
table(top50$female[top50$full ==1 & top50$twitteruser==1])
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