

# Making Regression Tables

Boyie Chen

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## R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
set.seed(1234)
data <- data.frame(resource_dep = random_sampler(),
                   autocracy = random_sampler(),
                   env_nar = random_sampler(),
                   hr_nar = random_sampler(),
                   international = random_sampler(),
                   year = sample(2008:2022, size = n, replace = T),
                   permno = sample(1:50, size = n, replace = T)
)
summary(data)
```

```
##   resource_dep      autocracy      env_nar      hr_nar
##   Min.      :-5.875    Min.      :-3.3762   Min.      :-1.8006   Min.      :-3.410
##   1st Qu.   :-4.267    1st Qu.   :-1.1648   1st Qu.   : 0.1640   1st Qu.   :-2.561
##   Median    :-3.890    Median    :-0.4694   Median    : 0.7554   Median    :-2.333
##   Mean      :-3.886    Mean      :-0.5030   Mean      : 0.7297   Mean      :-2.323
##   3rd Qu.   :-3.510    3rd Qu.   : 0.1357   3rd Qu.   : 1.2773   3rd Qu.   :-2.066
##   Max.      :-1.874    Max.      : 2.3167   Max.      : 3.0974   Max.      :-1.297
##   NA's      :97       NA's      :85       NA's      :83       NA's      :75
##   international      year      permno
##   Min.      :-3.3032   Min.      :2008   Min.      : 1.00
##   1st Qu.   :-2.1965   1st Qu.   :2012   1st Qu.   :14.00
##   Median    :-1.9201   Median    :2016   Median    :27.00
##   Mean      :-1.9218   Mean      :2015   Mean      :26.48
##   3rd Qu.   :-1.6407   3rd Qu.   :2019   3rd Qu.   :40.00
##   Max.      :-0.5181   Max.      :2022   Max.      :50.00
##   NA's      :85
```

## Running Regressions

```
reg1 <- feols(env_nar ~ resource_dep + autocracy + international | year + permno,
              data = data)
```

```
## NOTE: 307 observations removed because of NA values (LHS: 83, RHS: 245).
```

```

reg2 <- feols(hr_nar ~ resource_dep + autocracy + international | year + permno,
              data = data)

## NOTE: 308 observations removed because of NA values (LHS: 75, RHS: 245).

reg3 <- feols(env_nar ~ resource_dep + autocracy + international
              + resource_dep*international + autocracy*international | year + permno,
              data = data)

## NOTE: 307 observations removed because of NA values (LHS: 83, RHS: 245).

reg4 <- feols(hr_nar ~ resource_dep + autocracy + international
              + resource_dep*international + autocracy*international | year + permno,
              data = data)

## NOTE: 308 observations removed because of NA values (LHS: 75, RHS: 245).

etable(reg1, reg2, reg3, reg4)

##
##                               reg1                reg2                reg3
## Dependent Var.:                env_nar                hr_nar                env_nar
##
## resource_dep                  -0.0469 (0.0712) -0.0326 (0.0285) -0.1627 (0.2693)
## autocracy                     0.0473 (0.0321) 0.0278* (0.0116) -0.0357 (0.1496)
## international                 -0.0427 (0.0614) -0.0331 (0.0237) -0.3007 (0.5387)
## resource_dep x international                                     -0.0602 (0.1363)
## autocracy x international                                     -0.0427 (0.0777)
## Fixed-Effects: -----
## year                          Yes                      Yes                      Yes
## permno                        Yes                      Yes                      Yes
## -----
## S.E.: Clustered                by: year                by: year                by: year
## Observations                   693                     692                     693
## R2                             0.09263                  0.10029                  0.09337
## Within R2                      0.00485                  0.00879                  0.00567
##
##                               reg4
## Dependent Var.:                hr_nar
##
## resource_dep                  -0.1078 (0.0918)
## autocracy                     -0.0583 (0.0630)
## international                 -0.2079 (0.1620)
## resource_dep x international -0.0389 (0.0442)
## autocracy x international    -0.0445 (0.0318)
## Fixed-Effects: -----
## year                          Yes
## permno                        Yes
## -----
## S.E.: Clustered                by: year
## Observations                   692
## R2                             0.10298
## Within R2                      0.01175
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

```

And we can put the displayed names in a named vector.

```
keyvalues = c("resource_dep"="Home resource dependency",
              "autocracy" = "Home autocracy",
              "env_nar" = "Env. Nar.",
              "hr_nar" = "HR Nar.",
              "international" = "internationalization"
              )
```

```
etable(reg1, reg2, reg3, reg4, dict = keyvalues)
```

```
##                                     reg1
## Dependent Var.:                   Env. Nar.
##
## Home resource dependency           -0.0469 (0.0712)
## Home autocracy                    0.0473 (0.0321)
## internationalization              -0.0427 (0.0614)
## Home resource dependency x internationalization
## Home autocracy x internationalization
## Fixed-Effects:                    -----
## year                             Yes
## permno                           Yes
## -----
## S.E.: Clustered                   by: year
## Observations                     693
## R2                               0.09263
## Within R2                        0.00485
##
##                                     reg2
## Dependent Var.:                   HR Nar.
##
## Home resource dependency           -0.0326 (0.0285)
## Home autocracy                    0.0278* (0.0116)
## internationalization              -0.0331 (0.0237)
## Home resource dependency x internationalization
## Home autocracy x internationalization
## Fixed-Effects:                    -----
## year                             Yes
## permno                           Yes
## -----
## S.E.: Clustered                   by: year
## Observations                     692
## R2                               0.10029
## Within R2                        0.00879
##
##                                     reg3
## Dependent Var.:                   Env. Nar.
##
## Home resource dependency           -0.1627 (0.2693)
## Home autocracy                    -0.0357 (0.1496)
## internationalization              -0.3007 (0.5387)
## Home resource dependency x internationalization -0.0602 (0.1363)
## Home autocracy x internationalization -0.0427 (0.0777)
## Fixed-Effects:                    -----
## year                             Yes
## permno                           Yes
```

```

## -----
## S.E.: Clustered by: year
## Observations 693
## R2 0.09337
## Within R2 0.00567
##
## reg4
## Dependent Var.: HR Nar.
##
## Home resource dependency -0.1078 (0.0918)
## Home autocracy -0.0583 (0.0630)
## internationalization -0.2079 (0.1620)
## Home resource dependency x internationalization -0.0389 (0.0442)
## Home autocracy x internationalization -0.0445 (0.0318)
## Fixed-Effects: -----
## year Yes
## permno Yes
## -----
## S.E.: Clustered by: year
## Observations 692
## R2 0.10298
## Within R2 0.01175
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

```

Furthermore, we can render the  $\text{\LaTeX}$ table

```

etable(reg1, reg2, reg3, reg4,
  tex = T,
  dict = keyvalues,
  style.tex = style.tex("aer"),
  fitstat = ~ r2 + n)

```

	Env. Nar. (1)	HR Nar. (2)	Env. Nar. (3)	HR Nar. (4)
Home resource dependency	-0.0469 (0.0712)	-0.0326 (0.0285)	-0.1627 (0.2693)	-0.1078 (0.0918)
Home autocracy	0.0473 (0.0321)	0.0278** (0.0116)	-0.0357 (0.1496)	-0.0583 (0.0630)
internationalization	-0.0427 (0.0614)	-0.0331 (0.0237)	-0.3007 (0.5387)	-0.2079 (0.1620)
Home resource dependency $\times$ internationalization			-0.0602 (0.1363)	-0.0389 (0.0442)
Home autocracy $\times$ internationalization			-0.0427 (0.0777)	-0.0445 (0.0318)
R <sup>2</sup>	0.09263	0.10029	0.09337	0.10298
Observations	693	692	693	692
year fixed effects	✓	✓	✓	✓
permno fixed effects	✓	✓	✓	✓