Nice Looking Tables in R Markdown

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library(knitr)  
library(stargazer)

##   
## Please cite as:

## Hlavac, Marek (2018). stargazer: Well-Formatted Regression and Summary Statistics Tables.

## R package version 5.2.2. https://CRAN.R-project.org/package=stargazer

library(tidyverse)

## Registered S3 methods overwritten by 'ggplot2':  
## method from   
## [.quosures rlang  
## c.quosures rlang  
## print.quosures rlang

## ── Attaching packages ─────────────────── tidyverse 1.2.1 ──

## ✔ ggplot2 3.1.1 ✔ purrr 0.3.2  
## ✔ tibble 2.1.3 ✔ dplyr 0.8.3  
## ✔ tidyr 0.8.3 ✔ stringr 1.4.0  
## ✔ readr 1.3.1 ✔ forcats 0.4.0

## ── Conflicts ────────────────────── tidyverse\_conflicts() ──  
## ✖ dplyr::filter() masks stats::filter()  
## ✖ dplyr::lag() masks stats::lag()

## Option 1: Kable

Let’s say we want to provide a table of median home value as a function of the percent of the population who are college grads.

load("../lessons/pd.Rdata")  
  
pd%>%mutate(`College Graduate Quintile`=ntile(coll\_grad\_pc,n=5))%>%  
 group\_by(`College Graduate Quintile`)%>%  
 summarize(`Mean Home Value`=mean(median\_home\_val))%>%  
 mutate(`Mean Home Value`=prettyNum(round(`Mean Home Value`,0),  
 big.mark=","))%>%  
 kable()

|  |  |
| --- | --- |
| College Graduate Quintile | Mean Home Value |
| 1 | 84,047 |
| 2 | 100,143 |
| 3 | 110,465 |
| 4 | 133,449 |
| 5 | 224,872 |

## Stargazer

If you want to report results from a regression, then stargazer is your friend.

mod1<-lm(log(median\_home\_val)~  
 coll\_grad\_pc+  
 travel\_time+  
 per\_capita\_inc,   
 data=pd)  
  
stargazer(mod1,type="html",  
 covariate.labels = c("% Coll Grads","Travel Time","Per Capita Income") )

Dependent variable:

log(median\_home\_val)

% Coll Grads

0.026\*\*\*

(0.001)

Travel Time

0.021\*\*\*

(0.001)

Per Capita Income

0.00003\*\*\*

(0.00000)

Constant

10.033\*\*\*

(0.032)

Observations

3,088

R2

0.611

Adjusted R2

0.610

Residual Std. Error

0.292 (df = 3084)

F Statistic

1,613.012\*\*\* (df = 3; 3084)

Note:

*p<0.1;* ***p<0.05;*** p<0.01