

## R Studio

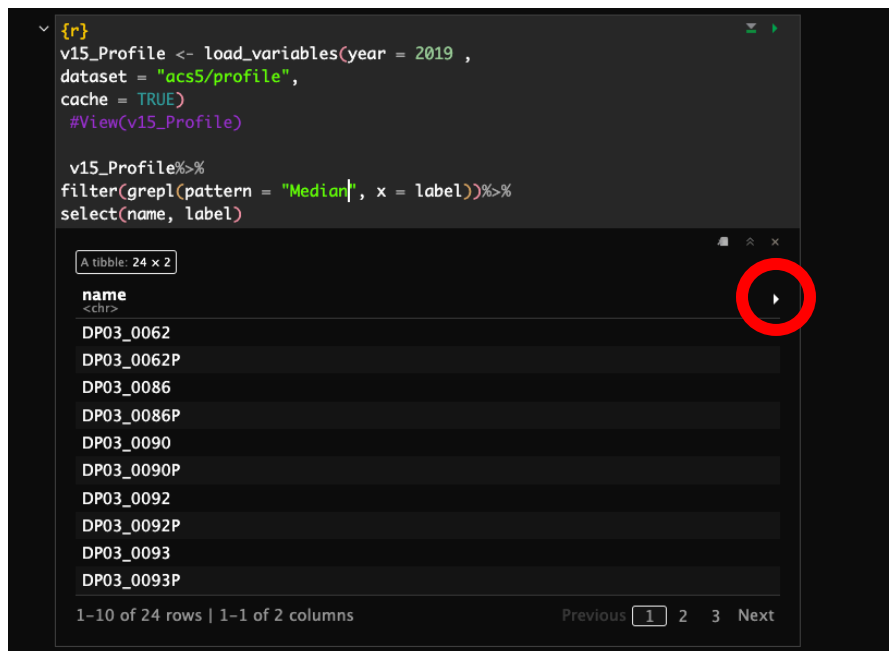
1. This is the link where the code chunk (below) is getting it's information:

<https://api.census.gov/data/2019/acs/acs5/profile/variables.html>

**Note:** the string "Median Household Income" or even just "Median" will not be picked up because it is part of a larger string of letters: "DOLLARS)!!Median"

```
### Search for variables by keywords in the label
```{r}
v15_Profile%>%
  filter(grepl(pattern = "DOLLARS)!!Median", x = label))%>%
  select(name, label)
```
```

2. If the chunk above is not working for you (if the error is it doesn't recognize the \$>\$ function), try installing the package `dplyr` and adding it to the top chunk of libraries you call.
  1. `install.packages("dplyr")`
  2. `library(dplyr)`
3. To see the label when this tibble displays, hit the arrow (in red circle) to the right of `name` to display the next column.



4. This document will give you more insight into `tmap` (highly recommended for Homework 2 if using R Studio). Be sure to check out the **styles**!

[https://bookdown.org/nicohahn/making\\_maps\\_with\\_r5/docs/tmap.html](https://bookdown.org/nicohahn/making_maps_with_r5/docs/tmap.html)