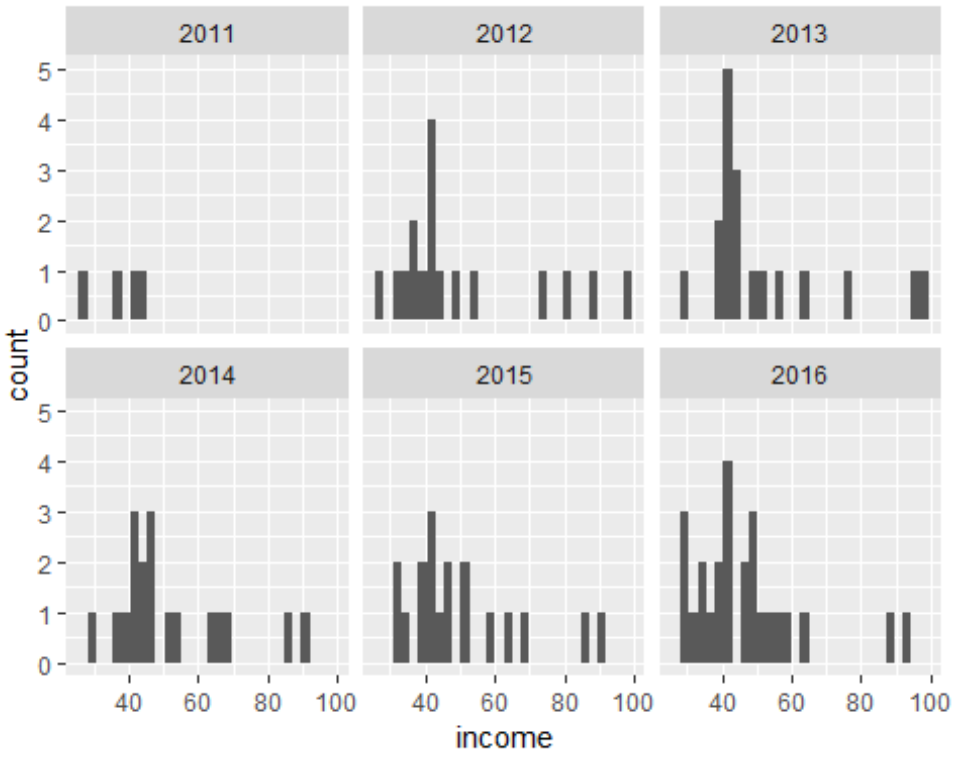
exercise_5_code+output.R

Emmanuel

Wed Mar 27 20:48:47 2019

```
library(tidyverse)

## -- Attaching packages ---------------------------------------- tidyverse
1.2.1 --

## v ggplot2 3.1.0     v purrr   0.3.0
## v tibble  2.0.1     v dplyr   0.7.8
## v tidyr   0.8.2     v stringr 1.3.1
## v readr   1.3.1     v forcats 0.3.0

## -- Conflicts ------------------------------------------------
tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()

library(tibble)
library(ggplot2)
library(dplyr)

times <- read.csv("timesData.csv")
timesdf <- data.frame(times)


#To show the incomes in canadian universities between 2011-2016
b <- timesdf %>% mutate(income = as.character(income)) %>%
  mutate(income = as.numeric(income))%>% filter(country == "Canada")

## Warning in evalq(as.numeric(income), <environment>): NAs introduced by
## coercion

v <- na.omit(b)

ggplot(v, aes(x=income)) + geom_histogram() + facet_wrap(year~.)

## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
```




```
#To show the incomes in german universities between 2011-2016
b1 <- timesdf %>% mutate(income = as.character(income)) %>%
  mutate(income = as.numeric(income))%>% filter(country == "Germany")

## Warning in evalq(as.numeric(income), <environment>): NAs introduced by
## coercion

v1 <- na.omit(b1)

ggplot(v1, aes(x=income)) + geom_histogram() + facet_wrap(year~.)

## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
```


2011
2012
2013
2014
2015
2016
count
income
0
2
4
6
8
40
60
80
100