

IS606 Data Project

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```
# load data
#dataFile <- "C:/Users/Dan/Downloads/WorldValuesSurvey/WVS_Longitudinal_1981-2014_rdata_v_2015_04_18/WV
dataFile <- "C:/Code/R/IS606-ProbStats/FinalProject/data/WVS_subData.RData"
load(dataFile)

summary(WVS_Subset)
```

```
##          E234          S020          S024          S003
## Min.      :-5.0000   Min.      :1981   Min.      : 83   Min.      : 8.0
## 1st Qu.   :-4.0000   1st Qu.   :1996   1st Qu.   :2461   1st Qu.   :246.0
## Median    :-4.0000   Median    :2004   Median    :4841   Median    :484.0
## Mean      : 0.9104   Mean      :2003   Mean      :4684   Mean      :464.8
## 3rd Qu.   : 7.0000   3rd Qu.   :2010   3rd Qu.   :7103   3rd Qu.   :710.0
## Max.      :10.0000   Max.      :2014   Max.      :9143   Max.      :914.0
##
##          X003          X025
## Min.      :-5.00    Min.      :-5.000
## 1st Qu.   :27.00    1st Qu.   : 2.000
## Median    :38.00    Median    : 4.000
## Mean      :40.19    Mean      : 3.633
## 3rd Qu.   :52.00    3rd Qu.   : 6.000
## Max.      :99.00    Max.      : 8.000
##
##                      NA's      :1
```

Research question

You should phrase your research question in a way that matches up with the scope of inference your dataset allows for.

How have the values of people from the United States changed over time with regard to science and technology and its positive/negative impact on the world.

Variables	Description
005_203	E234
010_023	S020
010_028	S024
010_004	S003
014_003	X003
014_030	X025

Cases

What are the cases, and how many are there?

Data collection

Describe the method of data collection.

Type of study

What type of study is this (observational/experiment)?

Data Source

If you collected the data, state self-collected. If not, provide a citation/link.

Response

What is the response variable, and what type is it (numerical/categorical)?

Explanatory

What is the explanatory variable, and what type is it (numerical/categorical)?

Relevant summary statistics

Provide summary statistics relevant to your research question. For example, if you're comparing means across groups provide means, SDs, sample sizes of each group. This step requires the use of R, hence a code chunk is provided below. Insert more code chunks as needed.