



SESSION-8: STATA DESCRIPTIVE STATISTICS

Course detail: <http://julhas.com/jsedutech/stata-level-one.html>

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Session Outline:

// Describe all variables

- describe

// Detail of all variables

- codebook

// Unique and missing obs check

- inspect

// Summarize

- summarize bmi

- summarize bmi, detail

// Data sorting

- sort age
- by age: summarize bmi

// tabulate command is useful for obtaining frequency tables

- tabulate gender

// The tab1 command can be used as a shortcut to request tables for a series of variables

- tab1 gender age bmi

// use the plot option to make a plot to visually show the tabulated values.

- tabulate gender, plot

// Tabulate and summarize

- tabulate age, summarize(bmi)

// Cross table

- tabulate ageGroup gender

// Cross table with percentage

- tabulate ageGroup gender, column
- tab ageGroup gender, col

// nofreq option to suppress the frequencies, and just focus on the percentages

- tabulate ageGroup gender, column nofreq

// Column change

- tabulate ageGroup gender, nofreq column

Example: how to prepare a frequency table from the given dataset.