

17.871
Spring 2004
Using Stata Exercise

Attached you'll find the raw data from the finger/hand measuring exercise we did in class last Thursday. Do the following exercises.

1. Create a data set of the "centimeter" data by first creating a plain text ("ASCII") file, read it into Stata, and then save it on disk to Stata format.
2. Create a data set of the "inch" data by using the Stata data editor and then save it on disk to Stata format. (See below for conversion of 16ths to decimals.)
3. Merge the two data sets together.
4. Convert inches to centimeters for the "inch" data and graph the index finger measurement using the inch ruler against the index finger measurement using the centimeter ruler. Are the measurements taken using the "inch" ruler systematically different from the measurements taken using the "centimeter" ruler?

Conversion of 16ths to decimals			
1	0.0625	9	0.5625
2	0.125	10	0.625
3	0.1875	11	0.6875
4	0.25	12	0.75
5	0.3125	13	0.8125
6	0.375	14	0.875
7	0.4375	15	0.9375
8	0.5	16	1