\*\*\* Stata Bootcamp - Morning Session

clear all /\*this tells Stata to clear all data and other items in working memory\*/

cd "C:\Users\Hayes\Desktop\" /\*tells stata what working directory it should use\*/

import delimited Sdf14\_1a.txt /\*loads in .txt data from my working directory\*/

\*\* Slide 36

describe /\*provides fundamental information about the current dataset in Stata\*/

describe v33 /\*same as line 12, but information is for a specific variable\*/

browse /\*opens data viewer with all variables in dataset\*/

browse v33 /\*opens data viewer with a specific variable\*/

codebook v33 /\*provides information about this particular variable\*/

inspect v33 /\* provides helpful information about this particular variable\*/

tab schlev /\*creates a one-way table of frequency counts\*/

tab schlev agchrt /\*create a two-way (or cross-tab) of frequency counts\*/

unique fipst /\*calculates the number of unique values for a variable\*/

\*\* Slide 37

summarize v33 /\*Calculate simple summary statistics for the fall membership variable\*/

summarize v33 if v33>=0 /\*Calculate simple summary statistics for the fall membership variable for observations with a non-zero value for fall membership\*/

summarize v33 if v33>=0, detail /\*Calculate DETAILED summary statistics for the fall membership variable for observations with a non-zero value for fall membership\*/

\*\* Slide 38

sort schlev /\*this sorts the data by school type categories\*/

by schlev: summarize v33 if v33>=0 /\*this calculates simple summary statistics for fall membership by school type for observations with a non-zero value for fall membership\*/

by schlev: summarize v33 if v33>=0, detail /\*this calculates DETAILED summary statistics for fall membership by school type for observations with a non-zero value for fall membership\*/

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sum v33 if fipst==34 & v33>=0 /\*same as line 32, but uses only New Jersey school districts\*/

sum v33 if stname==“New Jersey” & v33>=0 /\*same as line 45, but uses a different state identifer varible\*/

sort schlev /\*same as line 38\*/

by schlev: sum v33 if stname==“New Jersey” & v33>=0 /\*same as line 46, but by school type\*/

sum v33 if stname==“New Jersey” & v33>=0 & schlev==“03” /\*same as line 46, but only for school districts with both elementary and secondary schools\*/

sum v33 if stname==“New Jersey” & v33>=0 & schlev==“03”, detail /\*/\*same as line 51, but calculates DETAILED summary statistics\*/