

Instructions for Data Analysis

1. Excel Files

<http://eclectic.ss.uci.edu/~drwhite/AnthroSci/Instructions4EXCELDataAnalysis.pdf>

→ 2. GIS – Geographic Information Systems

To load a new data file click /Add Data (Black Cross on Yellot) and find a *.dbf (you can make a dbf from excel through the save formats, but include X Y coordinate data to map such as Latitude and Longitude.

Once you open, **Right click your data table and Display X Y data to make sure that your nodes are coordinated with the map. You may have to click the variables that will be the X,Y coordinates (e.g., Lat and Long).** Now an events icon will appear on the left box window (it has a box to check to show/hide).

Right click the events icon (dbf name next to the box) and and the bottom click /**Properties** then at the top the tab /**Symbology** and under Show:**Quantities/Graduated** then select a variable and scale items for size, color – that will code your nodes by color and size. **This is how you create maps with variables with features defined by node size. If you copy and paste this first property, you can then repeat /Properties** and the tab for /**Symbology** to now display a second (third, etc) variable, for as many different properties as you want. If you have more than one property clicked, however, the larger nodes will override the smaller.

To show attributes from your database: /Selection/Select by Attributes

there are dbase files for use with GIS in the
c:/My Documents/ArcGis
directory:

SCCS1-239.dbf

SCCS2-486.dbf

SCCS3-732.dbf

SCCS4-985.dbf

SCCS5-1289.dbf

SCCS6-1536.dbf

SCCS7-1796.dbf

SCCS8-8.dbf

I would like you to be able to use to map cultural variables from these files, and the codebooks for these ae in two parts and an index below:

Edit to correct your data (p308): with View/Toolbars click /Editor; Editor button will appear above the window. Click a cell in the data table. Then click the Edit button.

To import data: /File/Add Data from Geography Menu

Clickable links for variables:

Coded Variables 1--1849: <http://eclectic.ss.uci.edu/~drwhite/courses/SCCCodes.htm>

Index to Variables: <http://eclectic.ss.uci.edu/~drwhite/courses/stdsvars.html>

The numbers in the index refer to those in the titles of the files, e.g., SCCS1-239.dbf

Clickable links for manuals:

What is ArcGIS

http://webfiles.uci.edu/tsoeller/uci/gis/Digital%20Books/What_is_ArcGIS.pdf

Modeling our World (overview of GIS and shows applications)

http://webfiles.nacs.uci.edu/tsoeller/uci/gis/Digital%20Books/Modeling_our_World.pdf

Getting Started with ArcGIS (the Introduction shows applications)

http://webfiles.nacs.uci.edu/tsoeller/uci/gis/Digital%20Books/Getting_Started_with_ArcGIS.pdf

Using ArcMap

http://webfiles.nacs.uci.edu/tsoeller/uci/gis/Digital%20Books/Using_ArcMap.pdf

3. Cross-Cultural Analysis in Spss

<http://eclectic.ss.uci.edu/~drwhite/xc/book.htm>

4. Network Analysis

<http://eclectic.ss.uci.edu/~drwhite/AnthroSci/Instructions4-network-DataAnalysis.pdf>