\*Practice Assignment 4

GET

  FILE=

    'C:\Users\Bart\Dropbox\OnlineDataAnalysisCourse\Summer2014\PracticeAssignment4\Model\GunkPre2.sav'.

DATASET NAME DataSet1 WINDOW=FRONT.

\*Part 1.

\*Two-group boxplots of knowledge, self-efficacy, motivation, and LDL by sex.

\*Cross-tabulation of sex-by-high LDL.

EXAMINE VARIABLES=knowa BY male

  /PLOT=BOXPLOT

  /STATISTICS=NONE

  /NOTOTAL.

EXAMINE VARIABLES=selfeffa BY male

  /PLOT=BOXPLOT

  /STATISTICS=NONE

  /NOTOTAL.

EXAMINE VARIABLES=motiva BY male

  /PLOT=BOXPLOT

  /STATISTICS=NONE

  /NOTOTAL.

EXAMINE VARIABLES=ldla BY male

  /PLOT=BOXPLOT

  /STATISTICS=NONE

  /NOTOTAL.

CROSSTABS

  /TABLES=male BY hildla

  /FORMAT=AVALUE TABLES

  /CELLS=COUNT ROW

  /COUNT ROUND CELL.

\*Part 2.

\*Two-group boxplots of knowledge, self-efficacy, motivation, and LDL by race/ethnicity.

\*Cross-tabulation of race/ethnicity-by-high LDL.

EXAMINE VARIABLES=knowa BY raceeth

  /PLOT=BOXPLOT

  /STATISTICS=NONE

  /NOTOTAL.

EXAMINE VARIABLES=selfeffa BY raceeth

  /PLOT=BOXPLOT

  /STATISTICS=NONE

  /NOTOTAL.

EXAMINE VARIABLES=motiva BY raceeth

  /PLOT=BOXPLOT

  /STATISTICS=NONE

  /NOTOTAL.

EXAMINE VARIABLES=ldla BY raceeth

  /PLOT=BOXPLOT

  /STATISTICS=NONE

  /NOTOTAL.

CROSSTABS

  /TABLES=raceeth BY hildla

  /FORMAT=AVALUE TABLES

  /CELLS=COUNT ROW

  /COUNT ROUND CELL.

\*Parts 3 and 4.

\*Pairwise correlations between knowledge, self-efficacy, motivation, and LDL.

CORRELATIONS

  /VARIABLES=knowa selfeffa motiva ldla

  /PRINT=TWOTAIL NOSIG

  /MISSING=PAIRWISE.

\*Part 5.

\*Cross-tabulation of race/ethnicity and treatment group.

\*Multigroup bar graph of group by sex.

CROSSTABS

  /TABLES=raceeth BY treat

  /FORMAT=AVALUE TABLES

  /CELLS=COUNT ROW

  /COUNT ROUND CELL.

GRAPH

  /BAR(GROUPED)=PCT BY treat BY male.

\*Part 6.

\*Sub-group means of LDL by treatment group.

\*Multigroup boxplot of LDL by treatment group.

\*Cross-tabulation of treatment group by high LDL.

\*Multigroup boxplot of high LDL by treatment group.

MEANS TABLES=ldla BY treat

  /CELLS=MEAN COUNT STDDEV.

EXAMINE VARIABLES=ldla BY treat

  /PLOT=BOXPLOT

  /STATISTICS=NONE

  /NOTOTAL.

CROSSTABS

  /TABLES=treat BY hildla

  /FORMAT=AVALUE TABLES

  /CELLS=COUNT ROW

  /COUNT ROUND CELL.

GRAPH

  /BAR(GROUPED)=PCT BY hildla BY treat.

\*Part 7.

\*Multigroup boxplots of knowledge, self-efficacy, and motivation by treatment group.

EXAMINE VARIABLES=knowa BY treat

  /PLOT=BOXPLOT

  /STATISTICS=NONE

  /NOTOTAL.

EXAMINE VARIABLES=selfeffa BY treat

  /PLOT=BOXPLOT

  /STATISTICS=NONE

  /NOTOTAL.

EXAMINE VARIABLES=motiva BY treat

  /PLOT=BOXPLOT

  /STATISTICS=NONE

  /NOTOTAL.