/\*Example of Coding Technique Previously Written for Master's Thesis at GSU\*/

/\*Coded by Morgan Smith on SAS 9.4 and compiled on 9/21/17\*/

/\*Data taken from Publicly Available NHIS (National Health Interview Survey) 2015 Release\*/

/\*Merging glm.Subset\_person\_final and thesis.mind\_body by HHX FMX FPX\*/

libname thesis "C:\Users\mfsmi\Documents\SchoolFiles\Thesis";

libname nhis "C:\NHIS2012";

options fmtsearch=(nhis);

**Proc** **Sort** Data=thesis.family

out=sorted\_family nodupkey;

by HHX FMX;

**Run**;

/\* proc contents data=sorted\_family varnum;\*/

/\* run;\*/

**Proc** **Sort** Data=thesis.person

out=sorted\_person nodupkey;

by HHX FMX FPX;

**Run**;

/\* proc contents data=sorted\_person varnum;\*/

/\* run;\*/

**Proc** **Sort** Data=thesis.predictor

out=sorted\_predictor;

by HHX FMX FPX;

**Run**;

/\* proc contents data=sorted\_predictor varnum;\*/

/\* run;\*/

**Proc** **Sort** Data=thesis.outcomes

out=sorted\_outcomes nodupkey;

by HHX FMX FPX;

**run**;

/\* proc contents data=sorted\_outcomes varnum;\*/

/\* run;\*/

/\*Merging Family with Person level variable\*/

**Data** Merged1;

merge sorted\_family (in=a) sorted\_person (in=b);

by HHX FMX;

if a and b;

**run**;

/\*Merging with Sample Adult (Outcomes)\*/

**Data** Merged2;

merge Merged1 (in=a) sorted\_outcomes (in=b);

by HHX FMX FPX;

if a and b;

**run**;

/\*Merging with Adult Alternative (Predictors)\*/

**Data** Thesis.Final\_Merged;

merge Merged2 (in=a) sorted\_predictor (in=b);

by HHX FMX FPX;

if a and b;

**run**;

/\*verifying final product\*/

**proc** **contents** data=thesis.Final\_merged varnum;

**run**;