Electronic Documentation of
"The Extent of Income Disparities Based on the Intersections of Sex and Sexual Orientation: Revisiting a 2003 Study by John M. Blandford"
by W. Gross, Colgate University, May 2015

USING THIS ELECTONIC DOCUMENTATION TO REPLICATE THE STATISTICAL RESULTS REPORTED IN THE PAPER

The electronic files preserved here to document the statistical analysis in this paper are of three main types: *"Data"*, *"Code"*, and *"Documentation."*

Data files are of two sorts. There are eight "Raw Data" GSS data-files from the years 1998-2012. The data is unchanged, and simply downloaded from the GSS website. Refer to *metadata.pdf* in the Metadata folder for further information about where to access the original data files. There are eight "Importable Data" GSS data files that are importable into R, from the years 1998-2012. To create the importable data, open all the data files in STATA, and use the "label drop _all" command to remove all variable labels. After using the command, save all data-files as importable.

All the *Documentation* files can be used to provide information about the General Social Survey (GSS) data files, especially the *metadata* pdf file. *Metadata.pdf* provides citations and descriptions of all metadata, and where to obtain them. All metadata gives information on the variable definitions and coding of each of the original data-files.

The *Code* do-files contain all the commands necessary to reproduce all the results presented in the paper. The following steps will replicate the research:

- Create a folder on your computer called "Working"
- Copy the *Code* "Do-files" into "Working"
- Create a folder in the "Working" directory called "Data"
- Copy the "Importable Data" files into the "Data" folder
- Create a folder in the "Data" folder called "Final." This is where the code will put your final data.
- Launch R and open the *Code* "import.R." At the top of the code, replace the current working directory to the address of your "Working" folder.
- Run the whole code. These commands will import the data from each of the importable data-files, and then merge them into a single dataset. This will create a dataset called "ImportedData." Save the file within the "Working folder."
- Open the *Code* "cleaning.R" file. At the top of the code, replace the current working directory to the address of your "Working folder." Change the load command to the address of the "ImportedData" within your "Working" folder.

- Run the whole code. These commands will generate new variables and create a single dataset with just the variables of interest. This will create a dataset called “FinalData.” Save the file to the folder “Final” in the “Data” folder.
- Open “results.R” from the “Do-files” folder. At the top of the code, replace the current working directory to the address of your “Working” folder. Change the load command to the address of the “FinalData” within the folder “Final” in the “Data” folder.
- Run this code according to the instructions in the code to replicate results.