


Changes needed to convert a SAS file to an RTRA file

Download	Link
SAS file	https://login.proxy.bib.uottawa.ca/login?url=http://gsg.uottawa.ca/d/ata/rtra/website_materials/eng/SAS/GSS2013_police_confidence.sas
RTRA file	https://login.proxy.bib.uottawa.ca/login?url=http://gsg.uottawa.ca/d/ata/rtra/website_materials/eng/SAS/GSS2013_police_confidence_RT_RA.sas

Change 1

A. Delete libraries.

Before	After
<pre>libname GSS "S:\Gsg - SciencesSoci libname ex "M:\SAS\Practice\GSS\Ex</pre>	<pre>libname GSS "S:\Gsg - SciencesSoci libname ex "M:\SAS\Practice\GSS\Ex</pre> 

Change 2

- A. The **data** statement should be "work.<anythingyouwant>".
- o Provided there are no spaces or special characters
 - o Note: This name will be referenced again in Change 3A
- B. The **set** statement should be changed to "RTRAdata.<Dataset Name>", where <Dataset Name> can be found in the [RTRA parameters](#) page for your survey of choice.
- C. The **keep** statement should include the weight name as indicated in the [RTRA parameters](#) page as well as the variable "id" at the end.

Before	After
<pre>data ex.GSS_police; set GSS.gss_dummydata (keep= CII_10 SEX PRV);</pre>	<pre>data work.gss; set RTRAdata.gss (keep= CII_10 SEX PRV WGHT_PER id);</pre>

Change 3

- A. The last proc statement is completely different for RTRA. RTRA provides six options for descriptive statistics, these are described here:
- http://login.proxy.bib.uottawa.ca/login?url=http://gsg.uottawa.ca/data/rtra/website_materials/eng/rtra_statistics-e.pdf

For this example, we chose *frequency*. This takes several parameters, including:

- **InputDataset:** This requires the data statement as described in Change 2A
- **OutputName:** This can be a name of your choice, such as "Table1"
- **ClassVarList:** This is where you choose what variables you want to include in the frequency table (these should be separated by a space)
- **UserWeight:** The weight variable should be exactly as specified by the "Weight Name" column in the survey table as found in the [RTRA parameters](#) page

Before	After
<pre>proc freq data=ex.GSS_police; TABLES Gender*Province*Confidence; TABLES Province*Confidence; run;</pre>	<pre>%RTRAFreq (InputDataset=work.gss, OutputName=Table1, ClassVarList=Gender Province Confidence, UserWeight=WGHT_PER); run;</pre>

Change 4

- A. Save this code as: "tagname_<anythingyouwant>.sas"
- Provided there are no spaces or special characters
 - Where "tagname" can be found in the [RTRA parameters](#) page for your survey of choice
 - Example: Save As "GSS2013_Police_Confidence.sas"