

RTRA Statistics and SAS Syntax

Statistic	Command	Example
Frequency	Command: %RTRAFreq (InputDataset=, OutputName=, ClassVarList=, UserWeight=);	Calculate the number of people in the population by different education levels and by gender. Command: %RTRAFreq (InputDataset=work.LFS, OutputName=Table1, ClassVarList=Education Sex, UserWeight=Finalwt);
Mean	Command: %RTRAMean (InputDataset=, OutputName=, ClassVarList=, AnalysisVarList=, UserWeight=);	Calculate the average income level of those with different education levels and gender. Command: %RTRAMean (InputDataset=work.LFS, OutputName=Table1, ClassVarList=Education Sex, AnalysisVarList=Income, UserWeight=Finalwt);
Percentiles	Command: %RTRAPercentile (InputDataset=, OutputName=, ClassVarList=, AnalysisVar=, Percentiles=, UserWeight=);	Find the first quartile, the median and the third quartile incomes for males and females. Command: %RTRAPercentile (InputDataset=work.LFS, OutputName=Table1, ClassVarList=Education Sex, AnalysisVar=Income, Percentiles=25 50 75, UserWeight=Finalwt);
Proportions	Command: %RTRAProportion (InputDataset=, OutputName=, ClassVarList=, ByVar=, UserWeight=);	Find the proportion of the population living without asthma . Command: %RTRAProportion (InputDataset=work.CCHS, OutputName=Table1, ClassVarList=Sex, ByVar=Asthma, UserWeight=Finalwt);

Ratio	Command: %RTRARatio (InputDataset=, OutputName=, ClassVarList=, NumeratorVar=, DenominatorVar=, ByVar=, UserWeight=);	Calculate the ratio of total income over total hours worked for each province, giving an hourly wage rate. Command: %RTRARatio (InputDataset=work.LFS, OutputName=Table1, ClassVarList=, NumeratorVar=Income, DenominatorVar= Hours_worked, ByVar=Province, UserWeight=Finalwt);
Share	Command: %RTRAShare (InputDataset=, OutputName=, ClassVarList=, ShareOfVar=, ByVar=, UserWeight=);	Calculate the share of total income earned by province. Command: %RTRAShare (InputDataset=work.LFS, OutputName=Table1, ClassVarList=, ShareOfVar=Income, ByVar=Province, UserWeight=Finalwt);