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| **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); |