SamplingStrata package – Example with dataset 'nations'

1. Get the dataset 'nations' available in the package
2. Define the sampling frame with the following:
   a. each unit is a stratum
   b. target survey variables are: "TFR","contraception", "infant.mortality","GDP"
   c. domain of interest is "Continent"
3. Build the 'strata' dataset
4. Set precision constraints on the survey variables, all equal to 10% in each domain
5. Optimize the stratification of the sampling frame by using, as suggestion, a kmeans solution
6. Analyze the obtained aggregate strata
7. Add the labels of the found solution to the sampling frame
8. Evaluate the found solution by calculating expected CV's
9. Select a sample from the optimized sampling frame