Home assignment 6

Please, use RStudio for your solution. **Deadline for this HA is 8 November 23:59 Moscow time.**

Name your file as «*Surname_Name_HA6*» and put in Yandex folder
(https://disk.yandex.ru/d/D8xcpgNlV-FagQ)

Watch online lectures:

"Introduction to Statistics" at Stepic 1.4-1.5
https://stepik.org/course/701/promo?search=954698307
«Basic Statistics» at Coursera 2.01 (optional)
https://www.coursera.org/videos/basic-statistics/UfSpH

Creating index

1. Read data from the 6th wave of World Value Survey.
2. Create a new dataset which includes respondents from Sweden.
3. Check scales of intolerance towards People of a different race (V37), Immigrants/foreign workers (V39), People of a different religion (V41), People who speak a different language (V44)
4. Recode reverse scales if necessary. Recode scales so that all 4 variables are measured from 0 to 1. Check recoding.
5. Create index of social tolerance using those variables.
6. Create frequency table for the index.
7. Check if index is correct with plots
8. Create a new subsample of Sweden males. Check recoding.