**Home assignment 5**

**Deadline for this HA is 1 November 23:59 Moscow time.**

Name your file as «*Surname\_Name\_HA5*» and put in Yandex folder (<https://disk.yandex.ru/d/D8xcpgNlV-FagQ> )

1. Use R script to store your results
2. Download the 6th wave of the WVS <http://www.worldvaluessurvey.org/WVSDocumentationWV6.jsp>
3. Read this data in R using haven.
4. Find two questions with nominal scales.
5. Show values and labels for these questions.
6. Use frequency tables for these questions to demonstrate the distribution. Do not forget about missing values.
7. Find two ordered scales.
8. Show values and labels for these questions. Use frequency tables for these questions to demonstrate the distribution. Do not forget about missing values.
9. If scales have reversed order, recode them. Check recoding
10. Assign new labels to recoded scales.
11. Check the class for newly created variables with labels.
12. Check the recoding for these two questions
13. Find real metric scales. As many as possible.
14. Show frequencies for these scales.
15. Create a table describing all chosen scales (original, not recorded versions)

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| --- | --- | --- | --- | --- | --- | --- | --- |
| question | wording | type | n\_points | min | max | valid | missing |
|  |  |  |  |  |  |  |  |

Example

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| --- | --- | --- | --- | --- | --- | --- | --- |
| question | wording | type | n\_points | min | max | valid | missing |
| V10 | happiness | ordered | 4 | 1 | 4 | 1701 | 23 |