

Charts for a newspaper

Prepare the charts with all necessary annotations (headings, labels and user guides, chart references, footnotes, etc.) for a newspaper.

All charts must be prepared in colours.

The client wants you to:

- Compare the average level of satisfaction with life between religious and non-religious respondents, controlling for the frequency of socializing with friends, relatives, or co-workers.
- Compare power (average of variables `imprich` and `iprspot`) and hedonism (average of variables `ipgdtim` and `impfun`) across different income levels (use the survey question F41; variable name `grsplet` in a dataset). Visualize distributions so that both centrality and variability will be comparable.
- Show how the average satisfaction with life was changing between 2002 and 2020 in your assigned country. Do not forget to consider the global comparison assessment! Hint: use ESS Data Wizard to get the data ([link](#)).
Note: if the question for life satisfaction was not asked in your country for at least half of ESS rounds, then consult with the lecturers about choosing the alternative variable.
- Show the relationship between the level of openness to change (average of `ipcrtiv`, `ipgdtim`, `impdiff`, `ipadvnt`, `impfun`, `impfree`) and age for religious and non-religious respondents. Add the regression lines (one for each religious group) with corresponding standard errors. This chart must be submitted in colour and black-and-white. Also, consider whether they are accessible for those with deuteranomaly and tritanomaly.

For a selected visualisation (with at least two different colours), check if it is accessible for people with deuteranomaly and tritanomaly. Use this tool: [link](#).