

Additional tips for reports:

General:

- Your report can be in EITHER English OR French
- Please use 12pt size
- Do NOT add a cover page, no abstract, no table of contents
- Your report does NOT need to contain the EPFL logo
- EACH page needs to be numbered, including the first page
- Include ALL member names in the header of EACH page
- All margins 2.5cm, and (at least) 1.1 inter-line (no single spacing)
- Do not use too many digits for coefficient values or in tables - use 2 (significant) digits (after the decimal).

Examples:

0.00000384186 ==> 3.84×10^{-6}

384.186 ==> 384.19

- If you are working on an anova problem, or if you end up with a model with many coefficients, you can include the estimated coefficients in a table as an appendix, which does not count towards the page limit
- NO R CODE, and NO RAW R OUTPUT - any output should look 'pretty'; for example, use the function `xtable()` in the package 'xtable', or for other possibilities, see:

<https://rfortherestofus.com/2019/11/how-to-make-beautiful-tables-in-r/>

- All figures and tables should be NUMBERED and have a short, descriptive CAPTION
- Any graphs should not be too small, including labels, symbols - see ?par for a list of graphical parameters available in R
- Do not copy/paste graphs into your report, they are generally saved as .png and turn out blurry (flou) in the report. Instead, save them as .jpeg / .jpg or .pdf and incorporate the resulting plot into your report file (e.g., .tex or .Rmd file). You can do this in R by using the command jpeg() or pdf() as a device before your plot commands. If you are using RStudio, after you have the plot the way you like it, in the graphics pane choose 'Export' then:

EITHER: 'Save as Image', then choose Image format 'JPEG' and create a (meaningful) file name

OR: choose 'Save as PDF' then create a (meaningful) file name

- Do not use any GENERAL references - all references should be ORIGINAL (NOT 'wikipedia', NOT 'course notes' - give a book or journal article as a reference); cite the work in the text and include the FULL reference in a 'References' or 'Bibliography' at the end. You may start the reference list on a separate page and this page does not count towards the page limit.

Remember that NOT attributing work of others by citation is considered PLAGIARISM (PLAGIAT) and I will deal with suspected cases by

==> reporting to the Vice presidency for academic affairs. <==

You must formulate what you are saying by **USING YOUR OWN WORDS**.

Statistical:

- Make sure to state how coefficients are estimated (what METHOD is being used, NOT which R commands you typed)
- INTERPRET the (estimated) model coefficients
- In hypothesis tests, CLEARLY state both the NULL and ALTERNATIVE hypotheses in terms of parameters, any relevant degrees of freedom (df), the test statistic and its value, the corresponding p-value, and conclusions
- CLEARLY state any assumptions you make
- ASSESS the model / validity of the assumptions

Language-related:

- **DO NOT use AI-generated text** - again, you must formulate what you are saying by USING YOUR OWN WORDS.
- Use PRESENT tense and ACTIVE (not passive) voice: e.g., we fit the model (NOT: a model was fit (passive), NOT: we looked at the results (past tense)). If you can end the phrase / sentence with 'by zombies' then you are using passive voice !!
- In English, do NOT use contractions: e.g., always NOT, never N'T
- In English, avoid using the word 'indeed' - this sounds very natural in French writing, but sounds clumsy and even pretentious in English.