

Guidelines for the Paper Reading Assignment for the course ‘Statistical Learning with Extreme Values’, Master MVA, École Normale Supérieure Paris-Saclay

A. Sabourin*

October 27, 2025

Instructions:

- Form groups of at least two, up to three.
- Fill in the spreadsheet (link in the email sent) by writing your names in front of the paper you want to study. Only one group per paper, first arrived first served.
- Read and try to understand. Ask questions if you really don’t, despite all your efforts.
- Write a short report (≤ 8 pages, single column) containing
 - An overview of the paper (2 pages max).
 - A presentation of the particular aspect of the paper you chose to focus on and which will be the topic of your oral presentation (6 pages max).
This topic could be typically a key theoretical result or methodological principle of the paper, and it should be illustrated on a use case (this can be the paper’s use case, but it is still better if you find your own illustration with other data). If this is a theoretical paper, you can illustrate the scope of the theoretical results on a toy example with simulated or baseline data
- Send in one email **1) the report as a .pdf file; 2) the notebook for experiments compiled as a .html or .pdf file; 3) the source of the notebook as a .ipynb file** to the dedicated email adress for the course (same as for the other homeworks)
- Prepare a 10 min presentation (~ 8 slides max), following approximately your report, but shorter. Rehearse before D-day to make sure that you can explain what you have chosen to explain in 10 minutes. You cannot explain the whole paper, this is okay. Your presentation must be understandable by someone who has taken the course but not read the paper. All the students in the course will potentially attend the presentations
- There will be 10 minutes questions following your presentation.

Good luck!

*Université Paris Cité, CNRS, MAP5, F-75006 Paris, France