

Bayesian ML: project topics

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1 Nature of the project

A group is made of one or two students. Each group is to pick a paper in the list below, and each paper can be chosen only once. You can also choose to work on another paper, subject to my explicit approval. There will be bonus points for working alone, and for picking a paper labeled below as long or difficult.

The whole point is to read your paper with a critical mind. For the paper your group will have chosen, you should: (1) explain the contents of the paper, (2) emphasize the strong and weak points of the paper, and (3) apply it to real data of your choice when applicable. Bonus points will be considered if you are creative and add something insightful that is not in the original paper: this can be a theoretical point, an illustrative experiment, etc. Be explicit in your introduction what is your creative contribution.

2 Assignment of papers

As a first step, we ask each group to fill the spreadsheet at

<https://lite.framacalc.org/uv85svkjpg-9rih>

with the title of the paper, a link to it (if available), and the composition of the group. Please fill the form **before January 5**.

3 Format of the deliverable

Please have each group send

- one report as a pdf (≤ 5 pages) in the [NeurIPS template](#),
- the link to a [GitHub](#) or [GitLab](#) repository containing your code and a detailed readme file with instructions to (compile/install and) run the code.

to remi.bardenet@gmail.com **no later than January 18**. There will be no deadline extension.

4 Proposed papers

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