

Your project:

Q1: What you need to submit?

A: Code written as R package and report written as an R vignette (main text limited to 8 pages). Please split the report in two parts: theory (where you explain the statistical and methodological context), and simulations

Q2: What is the purpose of the project?

A; The purpose of the project is to give you a taste what it is like to implement a fairly complicated statistical methodology of computational nature from a research paper, and to give you confidence that you will be able to do this in future, working over a short time span

Q3. What do you need to demonstrate in your project?

A: In your submitted project you need to demonstrate that:

- you have understood the methodology of the paper, and what is its main contribution
- you have understood what are the methodological difficulties or weak points of the approach
- you have understood what are implementational difficulties of the methodology
- you are able to carefully investigate a methodological and/or implementational aspect of the approach and discuss the results

Q4: What are the “aspects” that can be investigated?

A: For some projects we will tell you what is the aspect to investigate, but in general this depends on the paper you choose, examples include:

- how the methodology scales with number of data?
- how the methodology scales with the dimension of the parameter space?
- is the methodology robust to violating some of the assumptions (especially unrealistic assumptions)?