Sorbonne Université — M2A & M2 Stats Geometric Inference

Reference of the article (authors, year, title, journal, volume, pages)

Name of the student(s) :

What did you know, or think you knew, about the subject of the paper?¹ (max 10 lines)

Who are the authors? Briefly describe their background, institution, research fields, name of the journal where they publish,... $(\max 10 \text{ lines})$

^{1.} Question not graded

Outline this article by indicating :

- the question(s) the authors wanted to address,
- the type of modelling used,
- the type of experiments used (if present)
- the main results (theoretical or experimental)
- the take home message of the paper.
- the questions mentioned but not addressed.

 $(\max 1 \text{ page})$

What are the main assumptions on the model and on the underlying data ? $(\max\ 10\ {\rm lines})$

Find a question, not raised in the article, that could be addressed with the model/data $(\max\ 5\ {\rm lines})$

Among the references cited in the article, which one would you like to read to enhance your understanding of the field? Indicate why. (max 15 lines)

If you were a reviewer for this paper, what are the comments you would make about it? Please comment on the content rather than the presentation, and avoid critics on the simplicity of the model (max 15 lines).

Propose a short code² that may illustrate one specific item of the paper (model, assumption, main result, open question, at your convenience) (max 30 lines including comments + a figure (with legends))

^{2.} This code should include comments that will allow the reader to understand the different steps