ALCS Mathematical Modelling – Final Assignment

Research Project Report Evaluation Criteria

- Formal mathematical model description
- Clear answers to all questions in the task
- Descriptions of all simulations and their purpose
- Correctness of implementation (submit Python or R-code)
- Quality of language (use concise and formal statements)
- Quality of presentation and visualization of results
- Evidence of logical and critical thinking
- Demonstrated knowledge or developed intuition of model properties
- Conclusions: justified? show the understanding of model properties and potential?
- Creativity (e.g., interesting insights; beyond expected standard analyses; unusual helpful visualization)
- Credits: acknowledge any significant input by peers, cite relevant works, provide links to resources/software used in the project
- Length: min 2 - max 5 pages, not including code and references (if any)
- Submission on moodle: upload one pdf document containing your report via moodle
- Code should be uploaded as a separate file
- Submission for peer review: simultaneously with your submission, email your report and code to two of your peers who were assigned to review your work.
- The use of ChatGPT (or similar) is allowed but should be declared and verified for correctness.

Deadline: January the 19th 2026, Midnight

Peer-Review Evaluation Criteria

- Assess if all tasks were complete
- Point out any errors and how to potentially resolve them
- Point out main positive and/or creative elements
- Propose improvements where relevant
- Formulate your review in polite, clear and formal language
- Length: 1 - 2 pages
- Submission: upload one pdf document containing your review via moodle

Deadline: January 26th 2026, Midnight