# ASSIGNMENT: FULL REPORT (STEP 4, PART A EN PART B)

*This document describes the instructions and requirements for the full reports, belonging to steps 4 of part A and B. The grading form should also be written to get a clear idea of what is expected in the full report.*

**Deadlines**

- Two full reports will be written, one that belongs to part A (step 4), and one that belongs to part B (step 4)
- Deadlines of the two reports can be found in the study manual

**Instructions**

Write a full report of max. 4 A4 pages where you may reuse and merge written parts of the preceding three steps of the NLMI project. In this report you structure your work done for the NLMI project. The report should consist of:

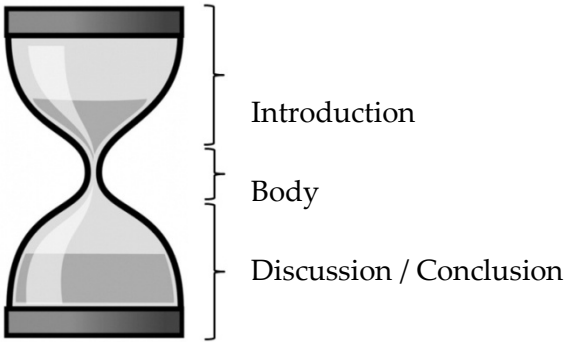
- A title page, with title, assignment number, date, your name and student id.
- A description of the work that you have done, in report form (see below)
- An example call of the program. We suggest to comply as much as possible with <myprog> -[a|b|c|d|...|help] <filename>

*Structure*

For the report, we strongly advise you to use the following structure:

- Abstract
- Introduction:
    - Description of the problem area
    - Definition of your research question:
        - What kind of program will you build?
        - Explain why this would be interesting to explore
- Used method / approach: Give a brief description of how your program code is structured, which algorithms you use and explain why is it correct or better than any more common alternatives (if relevant). Also explain how you tested your program.
- Results: What are the results of the tests you described at the used method / approach?
- Discussion: What are your conclusions, given the results of your program? Refer to the research question you defined in your introduction.

In the structure above, you can use the hourglass model structure below. The hourglass model shows how broad (spectrum of the research field) or narrow (method used in this specific project) your writing is. In other words: start and finish your report from a broader perspective. You write your report for a rather broad audience, that is: scientists who are mainly interested in the theoretical foundations of your project and the results and conclusions, rather than a detailed description of your program.




**Other requirements**

- Only describe the final program; earlier program code that you didn't use for your final program is not useful for your report.
- Do give a clear description on the decisions you made in the design of your program
- Use scientific writing style and language in your report (formal, clear, concise)
- Use figures and tables to clearly display your results
- The report may be written both in Dutch and in English