

Organization of homeworks and project PH students – 2011-2012

- Select a “style” of homework
- Form groups if you want
- Different styles imply different rules:
 - If you choose for a literature project, there should be no more than two people in your group.
 - If you opt for a data analysis project, there can be more than two persons in your group

Style 1: Literature project

This involves choosing a paper from the literature that extends or provides additional background on the material of the course (chapter) and then summarizing the paper, its objectives, results, and how it fits into the broader picture. A good reference of papers can be retrieved from:

<http://www.nslj-genetics.org/ld/>

Style 2: Data analysis project

A list of questions will be provided to answer using either real-life data or simulated data that will be provided in class. The report consists of these answers, but structured to provide a flowing text: summarize the analysis, objectives, results and how they fit into the broader picture of the classes. You may find the following list of software package useful:

<http://www.nslj-genetics.org/soft/>

Details

Simulated data will be provided and you will build your case using some questions as a guideline. Be creative and do not be afraid of consulting the literature to obtain a more complete picture. The idea is to use software as indicated in class. But you are free to use other software tools. As long as you can answer the given questions, everything is allowed.

Format

Each homework involves writing a short report of no more than the equivalent of six single-spaced typed pages of text, excluding figures, tables and bibliography. It should contain an introduction, a description of what the paper/project does, and how this fits into the broader scientific context. The report should also have a conclusion and if, citations are made to other papers, there should be a bibliography. Only one report per group is needed.

Final report

Content will be determined as the classes proceed. This report will be your “written exam” and should be no more than the equivalent of ten spaced typed pages of text, excluding figures, tables and bibliography.