

PH296, Section 33 – Statistics and Genomics Semimar

Class presentations

Fall 2002

N.B. Every registered student is required to give a class presentation. Non-registered students are also encouraged to present.

Please discuss your plans for the presentation with me during my office hours (Monday 5-6pm, 109 Haviland) or by scheduling an appointment (sandrine@stat.berkeley.edu).

Presentation topic. Articles or software packages which involve the application of statistical methodology to address a biological question. See suggestions on website stat-www.berkeley.edu/users/sandrine/PH296.F02/Disc/pres.html. Feel free to select other papers depending on your interests. I also encourage you to give presentations on software packages or databases.

Presentation format. One-hour oral presentation during the Monday section (4-5pm in 340B Haviland). Students may work individually or in pairs.

The presentation should include the following

- Background on the biological question.
- Background on the statistical and computational methods.
- Description of how the statistical and computational methods can be used to address the biological question.
- Discussion of the relevance and appropriateness of the statistical and computational methods.
- Discussion of possible limitations, improvements, and extensions.
- Optional: reproduce analysis and perform other analyses of the data; demonstrate software functionality on a dataset of your choice.