

Statistical Bioinformatics Spring 2014 Final Exam [Alternate]

Assigned: Mon. 7 Apr.

Due: Wed. 30 Apr. (due by 8:00 P.M. - no late work will be accepted)

Alternate Take-Home Final Exam Scenario:

If you have (or would like to find) a gene expression data set (Affymetrix, RNA-Seq, miRNA, or other) other than the GSE37516 data described in the take-home final, feel free to do so. The objective should be the same, to identify and characterize genes of interest based on some comparison (treatment vs. control of some kind, across possibly multiple levels). A possible resource for alternative data sets is the NCBI GEO website: <http://www.ncbi.nlm.nih.gov/gds>. You may not use any data from class notes or previous homework. If you choose to use a data set other than GSE37516, you do not need to create the interactive .html file requested in the take-home final. The same due date, grading rubric, and limits on assistance from the instructor will apply here as described in the take-home final.