STSCI 7170 THEORY of LINEAR MODELS – FALL 2017

TIME: Tuesday, Thursday: 2:55-4:10pm, 112 Ives Hall

PREREQUISITES: BRTY 4090,6020, Matrix Algebra or equivalents

INSTRUCTOR: Jim Booth, Professor  
Biological Statistics and Computational Biology  
and Department of Statistical Science  
1172 Comstock Hall 
Email: jb383@cornell.edu

OFFICE HOURS: TBA


GRADING POLICY: Homework will be assigned periodically. Homework assignments may involve data analysis and computation requiring students to use the R package. In addition, if the enrollment permits it, students may be required to give a 15-minute presentation at the end of the semester.

TEXT: I will generally follow the material in the book "Linear Models -- A Mean Model Approach" by Barry Kurt Moser, 1996: Academic Press. ISBN 0-12-508465-X. Some material may be taken from other sources. Note that the book is available online through the Cornell Library system, and so there is no need for students to purchase it.

RELATED REFERENCES:


**Available online through the Cornell University Library system

Links

BSCB home. http://www.bscb.cornell.edu/

My website. http://faculty.bscb.cornell.edu/~booth/


RStudio download site: http://www.rstudio.com/

Swirl: online R/RStudio courses: http://swirlstats.com/students.html

Academic Integrity

As per university policy, all syllabi should contain some reference to the Cornell Academic Integrity Code. Violations are dealt with seriously, so please read it:  http://www.cuinfo.cornell.edu/Academic/AIC.html

Accommodations for Students with Disabilities:

In compliance with Cornell University policy and equal access laws, Professor Booth is available to discuss appropriate academic accommodations that may be required for students with documented disabilities. Except for unusual circumstances, requests for academic accommodations should be made during the first three weeks of the semester. Students are strongly encouraged to register with Student Disability Services to verify their eligibility for appropriate accommodations.