BINF702-001 RESEARCH METHODS - FALL 2008

Instructor - Jeff Solka, 540-653-1982 (D), (540)-371-3961 (N), 540-809-9799 (Cell), (540)-993-4357 (PW), jsolka@gmail.com

Office Hours - By Appointment Ccaquan Rm. 312C

Schedule - Thursdays 4:30 p.m. - 7:10 p.m. in QB Room 327

Michael J. Crawley Statistics An Introduction using R (optional but highly recommended)

Grading - Grades will be based on weekly quizzes, weekly homework assignments, 2 in class open book and notes tests, 1 take home test, and one open book and notes final exam. Each of these will contribute to your grade as follows.

Quizzes (5%), Homeworks (30%), Tests (40%), and Final Exam (25%)

The two lowest quiz grades and the two lowest homework grades will be dropped.
A subset of the total homework assignment will be graded each week.
Solutions to the homework assignments will be provided each week.
Homeworks will not be accepted late since the 2 lowest homework grades are being dropped.
Grading will be on the standard 10 point college scale. 90-100 (A), 80-90 (B), 70-80 (C), 60-70 (D), below 60 F. Grades will be adjusted with +/- consistent with George Mason University Policies.

Homework Problems
2.4, 2.5, 2.6, 2.7, 2.11, 2.12, 2.13, 2.14, 2.15, 2.16, 2.17, 2.31, 2.32, 2.33
3.14, 3.18, 3.21, 3.49, 3.50, 3.52, 3.76, 3.77, 3.78, 3.94, 3.95, 3.96, 3.97, 3.109, 3.109
4.1, 4.2, 4.3, 4.4, 4.15, 4.17, 4.23, 4.26, 4.37, 4.42, 4.43, 4.63, 4.64, 4.65, 4.93
5.1, 5.3, 5.7, 5.20, 5.23, 5.25, 5.30, 5.72, 5.77, 5.78, 5.79
7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 7.10, 7.11, 7.12, 7.13, 7.14, 7.19, 7.20, 7.23, 7.29, 7.30, 7.31, 7.51, 7.52, 7.53, 7.54, 7.55, 7.56, 7.73, 7.74, 7.75
8.1, 8.2, 8.10, 8.11, 8.12, 8.13, 8.14, 8.25, 8.26, 8.27, 8.28, 8.59, 8.60, 8.61, 8.62, 8.63

The above are subject to revision.

http://binfo.gmu.edu/jsolka/fall08/jo/0702/binfo702_f0808.html
Lectures
Introduction to R
Course Overview

Chapter 1
Chapter 2
Chapter 3
Chapter 4
Chapter 5
Chapter 6
Chapter 7 Part 1
Chapter 7 Part 2