Course Schedule for K30 Biostatistics Seminar

Course Leader: Andrew Vickers

All classes are on Monday evenings from **05:30 pm - 07:00 pm**. 5.30 – 6.10: I will go over the Stata assignments.

6.10 – 7.00: Open office hours.

Location: **Rockefeller Research Laboratories (430 E. 67th St btw York and 1st Ave) and Main hospital (M-107) Please refer to schedule for room assignment.**

Reading is from “What is a p-value anyway?” unless otherwise stated.

Readings and assignments below are to be done **before** the class.

Stata assignments are done **after** the class.

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| **2/25/2019** Location: **RRL-101**. | Class I: What is statistics?  Reading : “How To Read This Book”; Chapter 1..  Assignment: Questions 1 and 4. |
| **3/11/2019** Location: **M-107** | Class II: Describing Data..  Reading: Chapter 2-6 & chapter 20.  Assignment: all ques. for chap 2, 3, 4, and 6; questions 1 and 3 for chap 5; ques. 1 for chapter 20 |
| **3/18/2019** Location: **M-107.** | Class III: Data Distributions.  Reading: chapters 7-9.  Assignment: Chapter 7 question 2; chapter 8 question 1; chapter 9 questions 1 and 3 |
| **3/25/2019** Location: RRL-101 | Class IV: Confidence Intervals.  Reading: Chapters 10-12.  Assignment: all questions for chapters 10 and 11; question 1 in chapter 12. Extra for those doing STATA assignment: <http://www.bmj.com/cgi/content/full/309/6948/188> |
| **4/1/2019** Location: **RRL-101**. | Class V: Hypothesis Testing..  Reading: chapters 13-17.  Assignment: chapters 13, 15 and 16 all questions; chapter 14 question 1; chap 17 questions 1-3 |
| **4/8/2019** Location: **M-107.** | Class VI: Regression.  Reading: chapters 18-19.  Assignment: chapter 18 questions 1-4; chapter 19 questions 1-2 |
| **4/15/2019** Location: **M-107.** | Class VII: Survival data.  Reading: chapters 21-24 and chapter 28.. Extra for those doing STATA assignment: <http://www.bmj.com/cgi/content/full/317/7172/1572?view=full&pmid=9836663>; <http://www.bmj.com/cgi/content/full/317/7156/468?view=full&pmid=9703534>; <http://www.medscape.com/viewarticle/575074>.  Assignment: chapter 21 question 1; chapter 23 question 1; chapter 24 questions 1, 2, and 4 |
| **4/18/2019** Location: **RRL-101** | Class VIII: errors in statistics (all class meets).  Reading: chapters 30-34. Optional extra reading: <http://www.bmj.com/cgi/content/full/308/6924/283>;. <http://www.medscape.com/viewarticle/714772>  Assignment: all questions for chapters 30 and 33 |