

June 21 2008

We the faculty mentors are going to provide minutes from our meetings with the students, as per below. Here is what I wrote from last Saturday, and at the bottom are the minutes from Dr. Gokhale's meeting from last Tuesday. Na will start writing minutes this week. If you'd like to receive the minutes, please reply-to-all and we can start copying you on them. Dan

MEETING CALLED TO ORDER: 8:40AM June 21, 2008

- 1) Attending Interns: Judy, Rebecca, Zhanpan, Bushi, Jeff
- 2) Attending Walk-ons: Hua, Lida, Natasha, Jessica Lin, Dan Bolton
- 3) Attending Mentors: Na, Dan

* Meeting began with interns presenting slide presentations on critique and suggested re-analyses of data in the Moy et al. paper. Presentations (in this order) from: Jeff, Bushi, Judy, Rebecca, Zhanpan.

* Lively discussion throughout the presentations. Including ideas to:

- a) use tolerance intervals for confidence limits of 99th percentile,
- b) use longitudinal data analyses to search for peak values,
- c) try other covariates in the regression model,
- d) derive sample size recommendations,
- e) utilize probit/logistic regression for the 60-patient sample.

STUDENT ASSIGNMENT: Re-analyze the data in Moy et al. using these ideas as much as possible.

TIME CHECK: 11:15AM

* Jeff Klein then presented 1-slide overviews of the 4 clinical design trials. STUDENT ASSIGNMENT: Begin developing detailed understanding of these proposed clinical trials. You should try to explain them to Dr. Gokhale on Tuesday.

* Jeff Klein then presented his own data and analyses addressing the Same objectives of the Moy et al. paper. Discussion included suggestion to use tolerance intervals for heteroscedastic regression rather than the method used by Dr. Klein to extrapolate regression model.

STUDENT ASSIGNMENT:

Apply the STAT 293 model for tolerance intervals for regression with heteroscedastic errors to Jeff's data. Discuss this with Dr. Gokhale and Dr. Na this week.

* Additional discussion concerning the need to identify student champions for the different research initiatives:

- 1) 4 different clinical trials,
- 2) Critique paper (and re-analysis) of the Moy et al. paper,
- 3) Journal A reviews,
- 4) Feature specification document for data collection website

STUDENT ASSIGNMENT: Students need to declare, this week, a research initiative that they will champion. Champions are responsible for ensuring progress on the initiative. They should seek out contributions from all other students - but ultimately they are responsible to make sure the initiative succeeds and that by end of week 10 a substantial deliverable is available.

STUDENT ASSIGNMENT: Discuss amongst each other how to allocate the research initiatives across our group of 6 interns - and any interested walk-ons. Consult with faculty mentors about questions you have. Be ready next Saturday to report on your initial ideas and progress for the initiative you are Champion for. MEETING ADJOURNED: 12:35PM.

LOGISTICS NOTES: a) 6/28 meeting (next Saturday) will be 2-5pm due to conflict Dr. Klein Has in the morning. b) Dr. Xinping Cui will be attending in my place (I do need to verify her PM availability, however. Xinping, can you make it 2-5pm?)

c) There is no Saturday meeting on 7/5, due to 4th of July holiday weekend. However, the Tue/Thur meeting that week will go on as scheduled. Prof Jeske