

Ricardo Santos

Spring 2015

Econ 3390-2 Research Topics

Goal

The main objective is to discuss several topics in research. That will be achieved by involving the students with my ongoing research. They will be given the opportunity to get a first feeling of all the steps and hurdles a research project entails. It is expected that the students deal with data collection, data analysis, and literature review of related papers. The two research projects the students will be working on are “Penalty-kicks and Winning” and “Referee Bias in Professional Soccer”.

Specific objectives

- identify the data necessary; find and collect the data; analysis
- find related literature; understand and identify the main message; identify novelty of each paper as well as its weaknesses and missing pieces; document opportunities for research projects within the literature

Class Hours/Meetings

There are no class hours, but the students will meet with me on a weekly basis (Thursdays 11h00-13h00) in Chapman 422.

Grading/Dates - *“Penalty-kicks and Winning”*

Week 1 [March 23rd]: meeting, overview of the course;

Week 2 [April 2nd]: Presentation about Ignacio Huerta paper **(20%)**;

Week 3 [April 13th]: Find, read, summarize, and present more related literature **(20%)**;

Week 4, 5 [April 23rd]: collect PK data (players and goalkeepers) **(30%)**;

Week 6 [April 30th]: Presentation about summary statistics about PK data **(15%)**;

Week 7 [May 04th]: final report **(15%)**.

Grading/Dates - "Referee Bias in Professional Soccer"

Week 1 [March 23rd]: meeting, overview of the course;

Week 2 [April 2nd]: Presentation about Buraimo and Boyko **(20%)**;

Week 3 [April 13th]: Find, read, summarize, and present more related literature **(20%)**;

Week 4, 5 [April 23rd]: collect Champions League PK and my usual stats data **(30%)**;

Week 6 [April 30th]: Presentation about summary statistics about champions league data **(15%)**;

Week 7 [May 04th]: final report **(15%)**.