

Assignment

1. Complete article citation
2. Provide the basic goals of the study: background, motivation, results, conclusion. (3-4 sentences total)
3. Describe the treatment arms: details of what the treatment groups underwent
4. Experimental Design: who, how they were recruited, how many individuals, experiment vs. observational study, funding, blindness, randomization
5. Who was removed from the study and why (to the extent they tell you)
6. A description of the variables in our dataset (you don't have to give info on all variables in the entire manuscript). Remember to include units and any coding (e.g., 1=male 0=female).
7. Optional: anything interesting you want to tell us from the manuscript.

2nd part of the Assignment

1. summary statistics (tables, means, st. dev.s,...)
2. descriptive graphics
3. at least one piece of inference (t-test, confidence interval, simple logistic regression, simple linear regression,...)

Posted on the web:

Data Set	Due Date	Chapter	Summary	Person
1.4.11.Sepsis.csv	Tues, 9/1	1	Sepsis Data	Jo Hardin
2.ex.vonHippelLindau.csv	Tues, 9/8	2	von Hippel Lindau Data	Scott Zimmerman
No name	Tues 9/30	4	Ille-et-Vilane Data	Megan Hunter
5.ex.InjuryDeath.csv	Thurs 10/9	5	Injury Data	Andy Yang
http://stat.cmu.edu/datasets/Andrews/T38.1	Fri 10/31	5	Multiple Sclerosis Data	
6.exBreast.csv	Fri 11/7	6	Breast Cancer Data	
6.9.Hemorrhage.csv	Fri 11/14	6	Hemorrhage Data	
2.20Framingham.csv	Fri 11/21	7	Framingham Heart Study Data	
http://stat.cmu.edu/datasets/pbc	Fri 12/5	6/7	Biliary Cirrhosis Data	