STAT 269 - Introductory Statistics

Review Sheet for the Final Exam

Unit 3 Part 1

- Know the 6 steps for each of the cases
- Case 1 - Large Sample Mean test
- Case 2 - Small Sample Mean test
- Case 3 - Large Sample Proportion test
- Review the wording of the conclusions for when we can or cannot reject the null hypothesis

Unit 3 Part 2

- Know the 6 steps for each of the cases
- Case 1 - Large Sample Mean interval
- Case 2 - Small Sample Mean interval
- Case 3 - Large Sample Proportion interval
- Be able to evaluate a specific claim based on the interval you find

Unit 3 Part 3

- Know the 6 steps for each of the cases
- Case 1 - Large Samples, Means test
- Case 2 - Small Sample(s), Means test, Equal variances
- Case 2 - Small Sample(s), Means test, Unequal variances
- Case 3 - Large Samples, Proportions test

Unit 3 Part 4 (*if sufficiently covered*)

- Estimating the regression line
- Finding the correlation
- Hypotheses, assumptions, and conclusions for the test (given a P-value)
- Estimating a value given some x of interest

Unit 3 Part 5 (*if sufficiently covered*)

- Hypotheses, assumptions, and conclusions for the test (given a P-value)

Important notes:

- You are responsible for all material on Exam 1 and Exam 2
- You may have three 3×5 cards this time
- Bring your book or a copy of the tables you need
- Bring your own calculator