

SPRING 2017
Statistics Data Analysis Exam

PLEASE READ BEFORE SUBMITTING YOUR REPORT.

DO NOT include your name or redID on ANY page of your report.

Number every report page, i.e., Page 1 of 10, page 2 of 10, etc.

Reports will NOT be graded without your signature on the cover page (see the next page). Unsigned reports will be disqualified. Reports will be disqualified if the completed cover page is not submitted with the report. Reports MUST be submitted in person to a designated Staff in the department office by the deadline. Written report is due in the Department Office, GMCS 413, no later than **THURSDAY, JANUARY 12, 2017** by 11:00am. Exams may be submitted any day before the deadline, but not after the deadline.

Organization of Data Analysis Report

Report is limited to 7 pages including all tables and figures, but excluding appendices and references. Use 11pt Arial font and one inch margins.

1. Title
2. Summary (or Abstract): One paragraph that describes the problem, how it was addressed, results and conclusions.
3. Introduction:
 - a. What are the questions?
 - b. What are the hypotheses?
 - c. What type of statistical analyses are employed?
4. Summary Information: describing the data in tables and graphs
5. Statistical Analyses: these should be described to someone who is not familiar with the techniques.
 - a. Put computer outputs in an Appendix
 - b. State hypothesis/hypotheses
 - c. Describe why the particular method was used
 - d. Provide test statistics and p-values (or point estimates and confidence intervals)
 - e. Interpret results in plain language
6. Conclusions:
 - a. Summarize results
 - b. Discuss limitations of the study
 - c. Discuss potential future/expanded studies
7. References
8. Appendix

Submit your report to Dennis Conte in the Statistics Department Office by 11:00 AM, January 12, 2017 with the following front page.

REPORT COVER PAGE

COMPLETE EACH LINE BELOW BEFORE YOU SUBMIT YOUR REPORT.

STATISTICS MASTERS COMPREHENSIVE EXAM DATA ANALYSIS REPORT SPRING 2017

I declare, under the penalty of perjury, that this report and data analysis was completed by me, with no additional advice or help from any other person.

EXAM CODE# _____

DATE: _____

PRINT LAST NAME, first name _____

RedID# _____

SIGNATURE
