Economics 3818-030: Introduction to Statistics with Computer Application
Fall 2022
Department of Economics
University of Colorado Boulder

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Zoom ID on Canvas Course Site

Recitation 031
Classroom: STAD 136C
Meeting Time: T 3:35-4:25

Recitation 032
Classroom MUEN D439
Meeting Time: TH 10:10-11:00

Website
Canvas is our class website:
  x   Login using your University of Colorado Boulder identikey and password
      https://canvas.colorado.edu/
  x   Under Course List, click "ECON 3818: Introduction to Statistics"
  x   Note: all email correspondence will be through your CU Boulder email address. Do not
      use the Canvas mail or message; it is not checked.

Course Overview
The purpose of this course is to introduce you to the principles of statistical reasoning and
inference. To this end the ultimate goals of the course are for you to thoroughly
understand the following concepts describing data with graphs and numbers, basic
probability rules, sampling distributions of test statistics, hypothesis testing, and
confidence intervals across multiple settings covered in the course, and finally know and3]TJ 0 Tc302 Tc2e

course. Finally, this course helps you build a skill that has enormous potential financial return in the marketplace.

The course consists of five closely related parts. The first part of the course introduces ways to explore data using visual and numerical measures. You will learn about summary measures for single variables and we will consider relationships between variables. The second part of the course introduces you to basic probability theory, popular probability distributions, and mathematical expectation. The third part of the course introduces you to sampling distributions and their properties properties of estimators, confidence intervals, and hypothesis testing. The fourth part of the course is all applied statistical inference including inference about the mean of a probability

November 24 -25 (Thurs.-Fri.) – Thanksgiving (campus closed)
December 8 (Thurs.) – Last Day of Class
Sunday, Dec. 11 Final Exam, HALE 230, 4:30-7 p.m. (Econ 381-830)

University Policies

CLASSROOM BEHAVIOR

Both students and faculty are responsible for maintaining an appropriate learning environment in all instructional settings, whether in person, remote or online. Those who fail to adhere to such behavioral standards may be subject to discipline. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with race, color, national origin, sex, pregnancy, age, disability, creed, religion, sexual orientation, gender identity, gender expression, veteran status, political 2.3Ber7raion, vscion, l.2(t)-4.6(i)9.3(t)-4.6(i).7(nc)-0.9(a)-1.7(l)-4(x, p)1h3

RELIGIOUS HOLIDAYS

Campus policy regarding religious observances requires that faculty make every effort to deal