Economics 3818-040: Introduction to Statistics with Computer Application
Fall 2022
Department of Economics
University of Colorado Boulder

Instructor: Dr. Namsuk Choi
Office: ECON 14C
Cellular: 720-364-1060
Email: Namsuk.Choi@Colorado.Edu

Email: Joongsan.Hwang@colorado.edu
Zoom Office Hours: TBA
Zoom ID on Canvas Course Site

Recitation 041
Classroom: CRTS E155
Meeting Time: T 3:35-4:25

Recitation 042
Classroom: ECON 205
Meeting Time: TH 11:15-12:05

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 messages, 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

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

RELIGIOUS HOLIDAYS

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