STA 3024: *Introduction to Statistics 2*
Fall 2020

September 1, 2020

Points: 3

Day/Time: NA

Location: Online

Instructor:

- *Name:* Abolfazl Safikhani
- *Office:* 203 Griffin-Floyd Hall
- *Email:* a.safikhani@ufl.edu [preferred form of contact, give 24/48 hours to receive a response]
- *(Online) Office Hours:* TBA

Teaching Assistant I:

- *Name:* Saurabh Bhandari
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- *(Online) Office Hours:* Mon/Wed/Thurs 1:30 PM- 2:30 PM EST

Teaching Assistant II:

- *Name:* Sourav Mukherjee
- *Email:* souravmukherjee@ufl.edu
- *(Online) Office Hours:* Tue/Fr 11:45 am - 12:45 pm EST

The TAs are your primary points of contact for assistance with course material, HW questions, and the use of technology.

Prerequisite: STA 2023 or the equivalent.

Course Description: A continuing study of basic statistical concepts with applications. Topics include a review of inferential statistics for one and two groups, analysis of variance to compare three or more population means, simple linear regression and multiple regression to predict a quantitative response, categorical data analysis, and nonparametric statistical methods.

Textbook:
Statistics: The Art and Science of Learning from Data (4e), by Agresti, Franklin, and Klingenberg. The e-book is in Canvas.

Canvas: Students should log in to Canvas regularly to complete homework, view and download class files, check announcements, and view and participate in discussions. Visit `https://elearning.ufl.edu` or call 352-392-4357 for help with Canvas and MyStatLab. The instructor plans to send weekly emails/announcements to the class via Canvas to provide updates on the course throughout the semester. Also, reminder will be sent 24/48 hours before the due dates of each HW as well as 24/48 hours before each exam to make sure students don't forget about such important dates.

Exam: There will be three **online** exams as follows:

- Exam 1: October 6th – Ch. 8, 9, 10, 14

- Exam 2: November 5th – Ch. 12, 13

- Exam 3: December 1st – Ch. 11, 15

The exams will be multiple-choice format and through Honorlock. All students must have their student ID card in the exam. A scientific or graphing calculator without external communication capability may be used for each exam. One page of cheatsheet (A4, two-sided) is allowed for each exam There is not a final exam for the course. Make-up exams will not be given, except for documented cases of extreme illnesses and emergencies. Proper notification should be given to the instructor as soon as possible. Makeup exams may not be multiple choice. A grade of zero is the minimum punishment of any type of dishonesty on an exam.

Homework: In total 6-8 problem sets will be assigned during the semester (almost every two weeks). Late homework will not be accepted under any circumstances. Homework assignments will be submitted in Canvas through MyStatLab. MyStatLab has several built-in features to assist you with your homework. Check Canvas for HW deadlines.

Grading: Numeric grading will be as follows:

- Exams: $3 \times \%20 = \%60$

- Homework: $\%40$

The minimum percentage required to earn each letter grade will be as follows:

$$A = \%92, \quad B = \%80, \quad C = \%70, \quad D = \%55$$

Any grades less than $\%55$ will receive the letter grade E. Some grades in the high B range may be rounded to $A-$ or $B+$, and some grades in the high C range may be rounded to $B-$ or $C+$.

Office Hours: If you have questions regarding the exercises, ask the teaching assistants on their office hours. Note that students are expected to make a serious attempt to solve an exercise before asking their TAs. Contact the TAs in order to receive feedback on HW problems, they can point students to the appropriate chapter/section/subsection of the textbook/slides so they can understand the HW problems better. If you have questions regarding the slides and the lecture notes, you may ask the instructor during his office hours. Given the large number of students, e-mail the Prof/TA if you plan to come to office hours.

Students with Disabilities: Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, `https://disability.ufl.edu/`) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodations. Please contact the instructor as early as possible in the semester, to discuss your accommodation letter confidentially.

University's Honesty Policy: UF students are required to adhere to both the Student Conduct Code and the Student Honor Code, `https://sccr.dso.ufl.edu/students/student-conduct-code/`. On all exams and mini-projects, students will write and sign the Honor Pledge: "On my honor, I have neither given nor received unauthorized aid on this [exam/project]." Students are also bound by honor to report academic

misconduct to the instructor.

Course Evaluations: Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at `https://gatorevals.aa.ufl.edu/students/`. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via `https://ufl.bluera.com/ufl/`. Summaries of course evaluation results are available to students at `https://gatorevals.aa.ufl.edu/public-results/`.

The instructor plans to opt-in to the midterm course evaluations as well. Please make sure to provide feedback on the midterm course evaluations to help the instructor prepare better learning environments for students. Students will receive a reminder about the midterm course evaluations during the semester.