

Talis Biomedical Statistics Course - Homework 2

Due: 5 December 2019 11:59 PM

Name: [your first and last name]
Collaborators: [list all the people you worked with]
Date: [date of submission]

By turning in this assignment, I agree by the **Stanford honor code** and declare that all of this is my own work.

Linear algebra

The textbook is available online at <https://ulissesgtz.files.wordpress.com/2019/02/stephen-h.-friedberg-arnold-j.-insel-lawrence-e.-spence-linear-algebra-pearson-2014.pdf>.

Problem 1

From Friedberg et al (n.b. the notation is ‘Chapter’.‘Section’.‘Exercise#’):

- (a) Exercise 1.1.1 (p.5)
- (b) Exercise 1.1.3 (p.6)
- (c) Exercise 1.1.6 (p.6)

Problem 2

From Friedberg et al (n.b. the notation is ‘Chapter’.‘Section’.‘Exercise#’):

- (a) Exercise 1.2.1 (p.12)
- (b) Exercise 1.2.3 (p.13)
- (c) Exercise 1.2.6 (p.14)
- (d) Exercise 1.2.12 (p.15)

Problem 3

From Friedberg et al (n.b. the notation is ‘Chapter’.‘Section’.‘Exercise#’):

- (a) Exercise 1.3.2 (p.20)
- (b) Exercise 1.3.3 (p.20)

Problem 4

From Friedberg et al (n.b. the notation is ‘Chapter’.‘Section’.‘Exercise#’):

- (a) Exercise 1.4.1 (p.32)
- (b) Exercise 1.4.2 parts a-c (p.33)
- (c) Exercise 1.4.4 parts a-c (p.33)
- (d) Exercise 1.4.5 parts a-c (p.34)
- (e) Exercise 1.4.16 (p.35)

Problem 5

From Friedberg et al (n.b. the notation is ‘Chapter’.‘Section’.‘Exercise#’):

- (a) Exercise 1.5.1 (p.40)
- (b) Exercise 1.5.2 parts a-c (p.40)
- (c) Exercise 1.5.17 (p.42)

Problem 6

From Friedberg et al (n.b. the notation is ‘Chapter’.‘Section’.‘Exercise#’):

- (a) Exercise 2.1.1 (p.74)
- (b) Exercise 2.1.2 (p.74)
- (c) Exercise 2.1.4 (p.74)
- (d) Exercise 2.1.37 (p.78)