

Nonparametric Statistics Assignments

Assignment 1 due by October 2, 2024

1. (50 pt.) Do Exercise 2.25.
2. (50 pt.) Do Exercise 2.29.

Assignment 2 due by October 16, 2024

1. (50 pt.) Do Exercise 2.14.
2. (50 pt.) Do Exercise 2.21.

Assignment 3 due by October 16, 2024

1. (50 pt.) Do Exercise 2.23.
2. (50 pt.) Do Exercise 3.22.

Assignment 4 due by October 23, 2024

1. (50 pt.) Do Exercise 3.21.
2. (50 pt.) Do Exercise 3.36. Also conduct the Siegel-Tukey test.

Assignment 5 due by October 30, 2024

1. (25 pt.) Do Exercise 3.10.
2. (35 pt.) Do Exercise 3.15.
3. (40 pt.) Do Exercise 4.3 using the sign test and the Wilcoxon test.
§ Extra 20 points for doing Exercise 4.11.

Assignment 6 due by November 20, 2024

1. (50 pt.) Do Exercise 6.20.
2. (50 pt.) Do Exercise 6.20 using the Kruskal-Wallis test.

Assignment 7 due by November 27, 2024

1. (50 pt.) Do Exercise 6.10.
2. (50 pt.) Do Exercise 7.2.

Assignment 8 due by December 4, 2024

1. (50 pt.) Do Exercise 7.10.
2. (50 pt.) Do Exercise 7.17.

Assignment 9 due by December 11, 2024

1. (50 pt.) Do Exercise 8.2.
2. (50 pt.) Do Exercise 8.24.

Assignment 10 due by December 23, 2024

1. (40 pt.) Do Exercise 8.29.
2. (60 pt.) Do Exercise 9.33. Also compute $\hat{\tau}$ and determine whether the two variables are directly related. Do you reach the same conclusion? Explain.