

Homework 1

Due on 4pm Sep 23, 2021

Q1: For Score data (120x2), design your permutation Algorithm (perm 1000 times), and identify whether $\text{col1} > \text{col 2}$ or $\text{col1} < \text{col 2}$ and report p-value

Q2: For Hospital data, please divide subjects based on smoker (0: non-smoker, 1: smoker)

1) Check whether weight has “significant” difference between groups

2) Please design your regression model to explore the relationship between blood pressure and smoke. Please report B, P, AIC, and BIC.

Please copy/paste your code into a word document and submit that to **Canvas folder** by the due day.