

Exercise 1

1. $SST = 1132.19$

2. $SSE = 4144$

3. $F = 9.97$

4. Critical F-value: 4.9

6. $\mu_T - \mu_V \in [1.02, 12.18]$.

$$\mu_T - \mu_C \in [3.52, 14.68].$$

$$\mu_V - \mu_C \in [-3.14, 8.14].$$

Exercise 2

Insufficient evidence to conclude that the exam moment has influence on the results of students (p-value = 0.29).