

ESMA 6787: Asignacion #2

Due on October 10, 2025

Israel Almodovar

Alejandro Ouslan

Problem 1

Define using your own words:

1. Estimate $c'\beta$
2. Power
3. Null hypothesis
4. Alternative hypothesis
5. Test Statistics
6. Non-centrality parameter
7. Details about the non-centrality parameter

Problem 2

Consider a completely randomized design with four treatment groups, with $n_i > 0$ units assigned to treatment $i = 1, 2, 3, 4$.

- 1.

Problem 3

Problem 4

Problem 5

Problem 6

Problem 7