

POU33011: Assignment 4

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Instructions

- Due date: **Wed., Dec. 23, 17:00** Please submit your (single) document via Blackboard.
- In line with College and the School's marking norms, the maximum mark on this assignment is 75.
- Presentation matters (worth 5% of the mark).

Questions

Question 1 (50%)

Consider the following (fictitious) survey data, which display propensity to vote (high/medium/low) as a function of a person's employment. Each cell indicates how many respondents fall in each combination of the two variables.

	High	Medium	Low
Unemployed	18	40	22
Employed	201	360	166

Based on these data, would you conclude that employment is related to people's propensity to vote? Why or why not?

Be sure to explain and justify your answer in detail. Show calculations and steps as needed.

Question 2 (45%)

A research study was conducted to examine the differences between homeowners and renters on their perceived life satisfaction. Ten homeowners and ten renters returned scores ranging between 0 and 60, where a higher score indicates a higher life satisfaction. The data are presented below.

Homeowners	renters
45	34
38	22
52	15
48	27
25	37
39	41
51	24
46	19
55	26
46	36

Do you think there is a difference in life satisfaction between home-owners and renters? Why or why not? Be sure to explain and justify your answer in detail. Show calculations and steps as needed.