

# Homework 1

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## Problem 1

- a) Qualitative, ordinal
- b) Qualitative, binary
- c) Qualitative, ordinal
- d) Quantitative, continuous
- e) Quantitative, discrete

## Problem 2

- a) Descriptive summaries of the depression scores for 14 individuals in a study

```
depression_score <- c(45, 39, 25, 47, 49, 5, 70, 99, 74, 37, 99, 35, 8, 59)
mean_score <- mean(depression_score)
median_score <- median(depression_score)
range_score <- max(depression_score) - min(depression_score)
sd_score <- sd(depression_score)
```

Mean: 49.36

Median: 46

Range: 94

SD: 28.85

- b)