

ST102 Week 2

I. Introduction

II. Course structure

(i) attendance

(ii) assignment (check your submission)

(iii) office hours 13:00 - 14:00 Thu
Workspace 3, LSE Life

Def. (Summary Statistics)

$$1) \bar{X} = \frac{1}{n} \sum_{i=1}^n X_i \quad \text{sample mean}$$

$$2) S_X^2 = \frac{1}{n-1} \sum_{i=1}^n (X_i - \bar{X})^2 \quad \text{sample variance}$$

Def. Order statistics, median, outlier, mode, quantiles, range.

Methods. Frequency table, bar chart, histogram, boxplot, line plot, contingency table.