INTRODUCTION TO PYTHON & R

DAY 1 (29 Sept.): Introduction to R

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BASIC STATISTICAL ANALYSIS

- In this section we will cover the following:

  - **Measures of location:**

    - Mean & median

  - **Measures of spread:**

    - Standard deviation & interquartile range

  - **Hypothesis testing**

  - **Correlation & regression analysis**

EXAMPLE: Arachnophobia

- **Consider again the study on arachnophobia.**

- **Variables**

  y_i: **The GSR measurement for the level of anxiety of the i th arachnophobe.**

  x_i: **The size of the spider in centimeters (cm) for the i th arachnophobe.**