

Correlation

PSY2113

Learning Outcomes

1

- Explain & compute Pearson correlation to variables' relationship

2

- Test hypothesis about population correlation with sample r

3

- Explain & compute Spearman correlation

4

- Compute point-biserial correlation and phi-coefficient

Concepts to review

- Sum of squares (SS) (Chapter 4)
 - Computational formula
 - Definitional formula
- z-Scores (Chapter 5)
- Hypothesis testing (Chapter 8)