# One-Sample Tests of Means: *z* Statistics and *t* Statistic

PSY2113

# Learning Outcomes

1. Know when to use *t* statistic instead of z-score
2. Perform hypothesis test with *t*-statistics
3. Compute Cohen's d to measure effect size
4. Compute percentage of variance accounted for ($r^2$) to measure effect size

# Concepts to review

- Sample standard deviation (Chapter 4)
- Degrees of freedom (Chapter 4)
- Standard error (Chapter 7)
- Hypothesis testing (Chapter 8)