**Testing and Individual Differences**

Factor Analysis

Savant syndrome

Sternberg’s Three Intelligences (Analytical, Creative, Practical)

Emotional Intelligence (perceive, understand, manage, use)

IQ (intelligence quotient) = mental age = mental age / chronological age \* 100

Stanford-Binet ^

Wechsler Adult Intelligence Scale (WAIS) = most widely used

Achievement tests = knowledge

Aptitude tests = predictive

Standardization = transforming scores into a meaningful distribution based on relative scores on the test

Normal curve (IQ distribution)

Reliability vs. Validity

Content vs. Predictive Validity

Intellectual Disability

Nature-Nurture