NOTES – WECHSLER

WHY? ... FROM CRITICISMS TO IMPROVEMENTS

Performance Intelligence – More than Verbal Behavior
Binet Emphasized Verbal Behavior
1 Score for Intelligence
Wechsler Acknowledged Performance – “Doing”

Point Scale
Binet’s Early Age Levels – Tests at Each Age Level
Content Areas Not Represented @ Age Level
Lack of Continuity => No Point Scale
Credit Given for Minimum N of Correct Items
EX – Vocabulary Test for 14 Yr-old

Wechsler’s Point Scale
Content Areas Presented to All Subjects
Points Given for Correct Individual Responses

Adult Validity
Binet’s Main Concern ... Children ... Not Adults
Tests Items Were More Children Oriented
Some Tests Were Speed Items ... Time Limits
EX – If Response Exceeded Time Limit ...
... Test Was Failed
No Allowance for IQ Deterioration of Adults

Wechsler’s Main Concern ... Adult Intelligence
Early Standardized Samples Poor – NY Whites
Later Standardized Samples Representative
Deviation IQ
Binet – Age-related SD of IQ (1937) ... Varied
Wechsler – Deviation IQ
Standardized Age-group Norms
Raw Scores Normalized @ Age Group
Based on Normalized Freq Distrib
ANOVA – Ages w/n Groups Do Not Differ
EX – Age Group 20 to 34
Stand Norm Sample – Ind Scores Comparison

WHAT MADE WECHSLER UNIQUE CONTRIBUTION?
Scales
Verbal – Verbal Test Scores Summed
Converted to Age-Adjusted Dev IQ
\( \bar{x} = 100 \quad S = 15 \)

Performance – Non-verbal Test Scores Summed
Converted to Age-Adjusted Dev IQ
\( \bar{x} = 100 \quad S = 15 \)
Comparison with Standardized Sample

Subtests of Content Areas ... (Table 10-1, p. 257)
[Overhead #1 – Wechsler Scale]
\( \bar{x} = 10 \quad S = 3 \)

Full Scale IQ
V & P Subscale Scores Summed
Converted to Age-Adjusted Dev IQ
\( \bar{x} = 100 \quad S = 15 \)
Comparison with Standardized Sample
RELIABILITY & VALIDITY

Verbal
Split-half R = .97
Convergent V = .94 [With Earlier Version]

Performance
Split-half R = .93
Convergent V = .86 [With Earlier Version]

Full Scale
Split-half R = .98
Convergent V = .93 [With Earlier Version]

Subscales
Test-retest R = .65 - .85
Convergent V = .50 to .90 [With Earlier Version]
Low V’s Make Pattern Analyses Problematic

PATTERN ANALYSIS – Comparing Large Deviation Scores
Scores among Subscales Are Relatively Equal
Verbal IQ Is the Most Consistent Measure over Time
Caveat – Low V Coeff’s Make Interpretations Tenuous

[Overhead #2 – Pattern Analysis]
WISC III [Ages 6 to 16] 
Downward Extension of WAIS – V & P Scales 
Scoring & Interpretation as in WAIS 
Test Items ... [p. 299] 
[Handout]

WPSSI [Ages 4 to 6 ½] – Preschool & Primary 
Downward Extension of WAIS & WISC 
V & P Scales 
2 Unique Tests 
Animal Peg 
Repeat Sentences

EVALUATION OF WAIS 
Strength – Modern Multidimensional Theory of Intell. 
Verbal Comprehension 
Perceptual Organization 
Working Memory 
Processing Speed 
Weakness – Does Not Measure Multiple Intelligences 
Gardner’s 8 
Sternberg’s 3