

NP Assessment Report - HELP!

- Some tips, hints and answers for this assignment

Thursday, April 17, 14

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NP Report Helpful Hints 1

- Identifying Information & Presenting Problem
 - keep this short
- Family History:
 - Parkinson's Disease in relative: this is a genetic risk factor
- Sx & Hx:
 - "Treatments & Compensations" - include changes made by patient, friends, or family.
- Clinical Interview & MSE
 - this section should be fairly detailed:
 - use the right amount of quotes of patient's words

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NP Report : Score Table

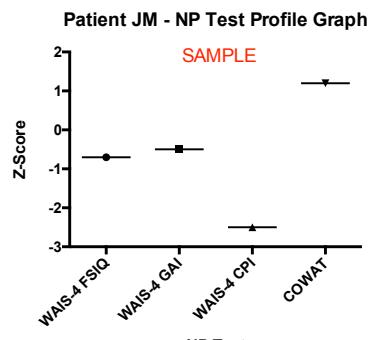
Test Name	Subtest Name	Raw	SS	IQ	T	Z
WAIS-4	FSIQ			81		
WAIS-4	GAI			86		
WAIS-4	CPI			78		
Trail Making	Trails A	34 seconds				
Trail Making	Trails B	110 seconds				
COWAT	FAS (Letter)	28 words				
COWAT	Animals (category)	12 words				
NAART	# correct	54 words				

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NP Report : Graph

- You may use any graph program
- Minor variations are OK
- Free license to *GraphPad Prism* for CSUSM Students



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NP Report Helpful Hints 2

- NP Test Results
 - Test Description - focus on what ability area(s) the test measures (not who invented it, how it is administered or scored, etc.)
 - Raw Scores - define scale (seconds, # correct, errors, etc.)
 - Standard Score - (IQ or Z score) - explain demographic corrections used (if any)
 - Use WAIS-4 terminology ("Low Average", "Superior" etc.)
 - see next slide
- Table / Z-scores: positive vs. negative? Negative should all be "worse"
- Graph
 - make it look nice
 - optional - add a "Premorbid IQ" line for comparison

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Describing Performance (WAIS-4)

Classification	IQ Score	Z Score	T-Score	% of people
Very superior	above 130	above 2.0	70 and above	2.2
Superior	120-129	1.3 to 2.0	63-39	6.7
High average	110-119	0.6 to 1.3	56-62	16.1
Average	90-109	-0.6 to +0.6	44-55	50.0
Low average	80-89	-0.6 to -1.3	43-37	16.1
Borderline	70-79	-1.3 to -2.0	36-30	6.7
Extremely low	69 and below	below -2.0	29 and below	2.2

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NAART Estimating Premorbid Verbal IQ

- Given NAART score, estimate premorbid Verbal IQ (via their Vocabulary test Scaled Score)
- 4th equation includes Education correction
 - gives VIQ Scaled Score
 - Convert VIQ Scaled to IQ score

JULY READING TEST 1129

$$\begin{aligned} \text{WAIS-R Vocabulary} \\ = 31.30 + 0.622 \times \text{NAART} (\text{SEE} = 5.14) \\ \text{WAIS-R Vocabulary} \\ = 25.71 + 0.566 \times \text{NAART} + 0.508 \\ \times \text{Education} (\text{SEE} = 5.02) \\ \text{WAIS-R Vocabulary Scaled} \\ = 5.383 + 0.179 \times \text{NAART} (\text{SEE} = 1.71) \\ \text{WAIS-R Vocabulary Scaled} \\ = 4.112 + 0.167 \times \text{NAART} + 0.115 \\ \times \text{Education} (\text{SEE} = 1.69) \end{aligned}$$

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Estimating Years of Education

- Many normative data sets include demographic corrections for education
- Rules about how to calculate education: idiosyncratic
- When in doubt, read the original article
- In general, use highest level reached - don't double-count multiple degrees
 - 8 = Middle School
 - 12 = High School
 - 14 = Associates Degree (2-year college)
 - 16 = Bachelor's Degree (4-year college)
 - 18 = Master's Degree
 - 20 or 21 = Ph.D. or M.D.
- Example: person with a AA, B.S., M.D. and M.S.
 - 21 years (not 23 or 25 or 27)

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NP Report Helpful Hints 3

- Interpretation
 - Premorbid IQ - quantitative (NAART) and qualitative (edu and occupational history)
- Profile
 - overall change?
 - pattern of change?
 - compare GAI vs. CPI
- Diagnosis
 - use DSM-IV criteria in detail for AD and PD
 - alternative explanations?
- Limitations
 - Missing History?
 - Missing NP Testing (pre or post morbid?)
 - Demographic corrections?

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NP Report Helpful Hints 4

- Recommendations
 - Prognosis (immediate, short & long term, social & occupational impacts)
- Interventions
 - MD/Rx
 - Psych
 - Rehab
 - Social
- Further Assessment

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