Subject: FW: RÈf. : [Rorschach_List] ROR and Executive Function

Rorschach Executive Functioning with ABI Acquired Brain Injury

-----Original Message-----
From: John L Wallace [mailto:j-sharon@gbis.com]
Sent: Sunday, February 01, 2009 15:29
To: Robert G. Owens (rgob@chorus.net)
Subject: FW: RÈf. : [Rorschach_List] ROR and Executive Function

Bob - I thought you might be interested in looking at this piece of work. The MMPI-2
data could fit into your studies. Let me know what you think.

As always,

John

John L. Wallace, Ph.D.

Rorschach Executive Functioning with ABI Acquired Brain Injury

-----Original Message-----
From: Rorschach_List@yahoogroups.com
[mailto:Rorschach_List@yahoogroups.com] On Behalf of Harvey, Michael
Sent: Saturday, January 31, 2009 20:40
To: Rorschach_List@yahoogroups.com
Subject: RE: RÈf. : [Rorschach_List] ROR and Executive Function

Ok,

First I'll provide a description of the sample then CS data for the entire sample and
for the group with high L cases removed.

This is a group of individuals with moderate to severe ABI with substantial
functional impairment in a post acute community-based setting. All had neuropsychological testing in order to qualify for the Medicaid ABI Waiver (my idea
which was incorporated into state policy).

63% of the males had an average of 12 yrs education. The average age at time of
initial assessment was 39.6 yrs.

The average age at time of injury was 31.9 and an average time between the injury
and admission into the program of 7.38 years post injury.

63.2% had a history of substantial alcohol abuse, 52.6% substance abuse, 52.6%
psychotic symptoms,
52.6% a history of legal difficulties and arrests, and 52.6% were seen to have
antisocial traits.

The average estimated pre-morbid FSIQ (NAART) = 102.

On average extreme impairment in fine motor dexterity in both hands (grooved
pegboard). The average orientation score was 3.4 out of 4.

Digits Forward = 5.53 (z = -.8) and Digits Backward = 4.5 (z = -.28).

Sustained attention was relatively intact, but complex or dual attention (multi-
tasking) was extremely impaired across modalities (auditory and visual-spatial).

Sentence repetition was below average (z = -1.14), FAS below average (z = -1.47),
and Animal Naming below average (z = -1.16).

The Boston naming test scores were extremely impaired (z = -4.28), as was
Ideomotor apraxia for complex motor sequences in 57% of sample. Right/Left
orientation was intact.

Simple math was fairly intact (71% of sample) while complex math (three digits
calculations) and written math were much more impaired (intact for only 21% of
sample).

Symbol Digit Modalities test both oral and written were extremely impaired (z = -
2.75 and -2.42 respectively.

The CVLT-II Trial 1 score was below average (z = -1.47) with Trials 1 through 5
yielding a T-score of 33.

CVLT SDFR, SDCR, LDFR, and LDCR were all below average. Semantic clustering was
intact. No substantial proactive or retroactive interference. Repetitions were
average while subjects made and above average number of errors of

intrusion (z =
1.5). Recognition was below average with an above average number of false
position errors.

Rey Complex Figure Copy was extremely impaired (z = −3.79). RCF immediate recall
was below average (z = −1.74) and RCF delayed recall was also below average (z = −
1.74). The Recognition trial was also below average.

Trail Making Test. Trails A was above average (z = 1.8) while results for Trails B
were much worse in the extremely impaired range (z = 4.77).

Results from Biber Cog Estimation Test were impaired with numerous errors
reflective of impulsive absurd responding (z = −2.63).

I'll have to check over my data for the WCST before passing those results along.

Average MMPI-2 Scores

Cannot Say = 0.1667
VRIN T score = 51.83
TRIN T score = 61.00
F Scale = 74.67
Fb Scale = 81.83
Fp Scale = 67.67
L Scale = 52.50
K Scale = 44.50
S Scale = 43.30
Hs Scale = 64.67
D Scale = 62.67
Hy Scale = 59.50
Pd Scale = 73.67
Mf Scale = 52.83
Pa Scale = 74.67
Pt Scale = 67.83
Sc Scale = 77.50
Ma Scale = 64.33
Si Scale = 61.14

MMPI Repression = 51.17
Ego Strength = 39.17
Pk Scale = 68.83
Neurological Scale = 75.5

CS Variables

Entire Sample

(All T scores were calculated using the Adult CS International Consensus Norms.
High L Cases have been removed)

		Tscore	Tscore
No of Responses	16.55	42.70	14
			39.48
W	9.1	50.04	10.8
			53.78
D	5.36	42.21	1.6
			35.73
Dd	3	49.02	1.6
			44.87
S	1.73		
	.8		46.45
			42.14
S Qual –	.14		

43.63 .66
48.17

M 3.09 47.60
3.6
49.51

FM 1.91 43.30
3.8
52.00

m 1 46.75
1.2
48.05

FC .9
44.06 .9
44.65

C .6 53.94
1
60

Sum C' 1 45.61
1.4
47.95

Sum T .36
46.85 .4
47.25

Sum V .091
45.34 .2
46.52

Sum Y .36
44.01 .4
44.23

Fr + rF .4
49.89 .2
47.61

Pair 4.8 44.15
4.4
43.11

3r + (2)/R .32
46.19 .2
38.75

Lambda		2.76			
69.97			.51		
46.27					
EA		4.95		44.97	
6.6					
49.36					
es		4.6		41.09	
6.8					
45.46					
D score		– .1		53.92	
– .2					
53.24					
Adj D		.2			
53.25			.2		
53.25					
a		4.3		47.86	
6.2					
54.03					
p		1.7		42.34	
2.4					
44.98					
Ma		2.1		50.05	
2.8					
53.88					
Mp		.8			
44.60			.8		
44.60					
Intellect		1		44.75	
1.2					
45.53					
Zd		– .59			
50.17			.1		
51.63					
Blends		2.36		44.46	
4.4					
51.31					
Afr			.46		

46.45		.4	
43.6			
Populars	4.2	43.70	
3.8			
41.52			
XA%	.65		
37.67		.62	
34.61			
WDA%	.68		
37.58		.64	
33.88			
X–%	.33		
62.51		.36	
65.01			
Isolate R	.098		
42.73		.11	
43.86			
H	2.27	49.17	
3			
53.02			
(H)	1.18	49.69	
0			
40.16			
Hd	.82		
45.90		.4	
43.45			
(Hd)	.36		
47.00		.2	
45.22			
Hx	.36		
49.53		.4	
49.90			
A	7.55	49.48	
6.6			
46.51			
(A)	.45		
50.47		.2	
47.00			

Ad 1.91
47.46 .8
41.83

(Ad) .09
48.46 .2
50.89

An .55
45.67 .6
46.06

Art .55
45.35 .8
47.10

Ay .09 45.07
0
44.02

Bl .55
55.37 .6
56.36

Cg .64
42.92 .8
43.84

Cl 0 46.09
0
46.09

Ex 0 46.04
0
46.04

Fi 0
43.75 .36
48.30

Food .09 46.38
0
45.00

Ge 0 45.81
0
45.81

Hh .64

48.02 .4
45.73

Ls .27 44.67
0
42.23

Na .55
48.16 .2
45.05

Sc 1.09 49.86
1.2
50.67

Sx .18
46.93 .4
49.23

Xy .09
48.09 .2
50.19

Id .27
44.90 .4
45.95

DV 1.36 57.21
2
63.63

Incom 1 52.78
1
52.78

DR 1.09 56.26
2.2
67.81

FABCOM .55
51.26 .6
51.97

DV2 .27
68.76 .6
92.14

INC2 .45
60.74 .6
65.15

DR2 .09 51.00
0
48.06

FAB2 0 47.4
0
47.40

ALOG .27
52.45 .2
50.87

CONTAM .36
72.91 .6
88.67

WSum6 15.64 60.33
21.8
68.28

AB .18
48.31 .2
48.54

AG .73 52.18
1.4
60.00

COP 1.45 53.26
1.6
54.49

GHR 2.55 44.7
2.2
43.12

PHR 3 50.56
3
50.56

MOR 1.55 52.00
2
55.17

PER 1.36 55.48
2.6
66.52

PSV 1.64 75.11

2.6
92.32

PTI Total 1.82 62.93
2
64.84

DEPI Total 3.64 48.77
3.8
50.00

CDI Total 2.82 49.34
2.8
49.19

Scon Total 4.64 49.79
5.2
53.27

HVI Total 1.18 40.19
1
39.09

OBS Total 0 37.58
0
37.58

Mike

Michael Harvey, Psy.D.

Assistant Professor

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