

# Ruff Neurobehavioral Inventory™



## Score Report

by

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### Client Information

<b>Name:</b> Sample Client
<b>Client ID:</b> SC RNBI 1
<b>Gender:</b> Male
<b>Age:</b> 45 years
<b>Years of Education:</b> 13 years
<b>Date of Birth:</b> 10/14/1963
<b>Test Date:</b> 04/16/2009
<b>Normative Group:</b> Total Standardization Sample
<b>Presenting Illness or Injury:</b> Mild TBI

Use of this score report requires a complete understanding of the *Ruff Neurobehavioral Inventory*™ (RNBI™) scales and its interpretation, applications, and limitations as presented in the RNBI Professional Manual. This report contains raw and standardized scores from the RNBI Profile Booklet. Users should refer to the RNBI Professional Manual for procedures and guidelines for the interpretation of this report. Users also should refer to the Professional Manual for information about the psychometric characteristics of the RNBI.

This report should be used as only one source of information about the individual being evaluated. In this respect, no decisions should be based solely on the information contained in this report. The raw and standardized scores contained in this report should be integrated with other sources of information when making decisions about this individual.

This report is confidential and is intended for use by qualified professionals who have sufficient knowledge of psychometric testing and of the RNBI. *This report should not be released to the respondent or to any individuals who are not qualified to interpret the results.*

## RNBI Inconsistency Scale

The Inconsistency Scale evaluates the extent to which items with very similar content were answered by the respondent in a comparable way. Furthermore, the extent to which item pairs were not answered in a similar manner provides information about the level of inconsistency in the respondent's performance.

Scale	Raw Score	T Score	Range
Postmorbidity Inconsistency ( <i>In</i> )	1		
Premorbidity Inconsistency ( <i>In</i> )	3		
Inconsistency ( <i>In</i> )	4	59	Within Normal Limits

The *Inconsistency Scale* was found to be within normal limits, suggesting valid and consistent responding.

## RNBI Infrequency Scale

The Infrequency Scale was developed by analyzing the response pattern in the RNBI standardization and clinical samples. This scale contains items that were endorsed by only a few respondents. Thus, this scale captures the extent to which infrequent items were endorsed in an extreme way.

Scale	Raw Score	T Score	Range
Infrequency ( <i>If1</i> )	7		
Infrequency ( <i>If2</i> )	10		
Total Infrequency ( <i>If</i> )	17	68	Within Normal Limits

The *Infrequency Scale* was found to be within the normal limits, suggesting that the respondent did not respond to items in an extreme manner.

## RNBI Validity Scales

The Validity Scales capture both the extent to which negative and positive impressions were pronounced within the premorbid and postmorbid responses. An elevated Negative Impression Scale may indicate a tendency to exaggerate symptoms or to “fake bad.” Conversely, an elevated Positive Impression Scale may indicate a tendency to deny flaws and difficulties or to “fake good.”

Scale	Postmorbid			Premorbid			T-Score Difference
	Raw Score	T Score	Range	Raw Score	T Score	Range	
Negative Impression ( <i>Ng</i> )	9	56	Within Normal Limits	11	65	Within Normal Limits	9
Positive Impression ( <i>Pz</i> )	14	48	Within Normal Limits	10	41	Within Normal Limits	7

### Negative Impression (*Ng*) Scale

The *Postmorbid Negative Impression* Scale is within normal limits, suggesting that the respondent did not exaggerate an unusually severe pattern of current symptoms.

The *Premorbid Negative Impression* Scale is within normal limits, suggesting that the respondent did not exaggerate an unusually severe pattern of premorbid symptoms.

The respondent was found to have a Negative Impression Difference score of 9. Based on the RNBI standardization sample, a difference score of 15 or greater is required for statistical significance. As a result, the respondent’s score should be considered in the acceptable range.

### Positive Impression (*Pz*) Scale

The *Postmorbid Positive Impression* Scale is within normal limits, suggesting a lack of tendency to deny current symptoms (i.e., no indication of “faking good”).

The *Premorbid Positive Impression* Scale is within normal limits, suggesting a lack of tendency to deny premorbid symptoms (i.e., no indication of “faking good”).

The respondent was found to have a Positive Impression Difference score of 7. Based on the RNBI Standardization sample a difference score of 16 or greater is required for statistical significance. As a result, the respondent’s score should be considered in the acceptable range.

## RNBI Composites

Composite	Postmorbid			Premorbid			T-Score Difference
	Raw Score	T Score	Range	Raw Score	T Score	Range	
Cognitive Domain (C)	58	71	Significantly Elevated	43	64	Moderately Elevated	7
Emotional Domain (E)	59	57	Within Normal Limits	58	51	Within Normal Limits	6
Physical Domain (P)	36	59	Within Normal Limits	26	51	Within Normal Limits	8
Quality of Life Domain (Q)	46	65	Moderately Elevated	36	49	Within Normal Limits	16*

Note. \* = Indicates the T- Score Difference is statistically significant at  $p < .05$ .

## RNBI Cognitive Domain Scales

Scale	Postmorbid			Premorbid			T-Score Difference
	Raw Score	T Score	Range	Raw Score	T Score	Range	
Attention and Concentration (At)	15	69	Moderately Elevated	11	62	Moderately Elevated	7
Executive Functions (Ex)	15	65	Moderately Elevated	13	65	Moderately Elevated	0
Learning and Memory (Lr)	14	69	Moderately Elevated	10	63	Moderately Elevated	6
Speech and Language (Sp)	14	75	Significantly Elevated	9	57	Within Normal Limits	18*

Note. \* = Indicates the T- Score Difference is statistically significant at  $p < .05$ .

## RNBI Emotional Domain Scales

Scale	Postmorbid			Premorbid			T-Score Difference
	Raw Score	T Score	Range	Raw Score	T Score	Range	
Anger and Aggression (An)	12	55	Within Normal Limits	11	56	Within Normal Limits	1
Anxiety (Ax)	8	48	Within Normal Limits	7	45	Within Normal Limits	3
Depression (De)	10	53	Within Normal Limits	7	41	Within Normal Limits	12*
Paranoia and Suspicion (Ps)	8	52	Within Normal Limits	10	51	Within Normal Limits	1
Posttraumatic Stress Disorder (Pt)	10	57	Within Normal Limits	12	56	Within Normal Limits	1
Substance Abuse (Su)	11	80	Significantly Elevated	11	58	Within Normal Limits	22*

Note. \* = Indicates the T- Score Difference is statistically significant at  $p < .05$ .

## RNBI Physical Domain Scales

Scale	Postmorbid			Premorbid			T-Score Difference
	Raw Score	T Score	Range	Raw Score	T Score	Range	
Neurological Status ( <i>Nr</i> )	8	50	Within Normal Limits	10	52	Within Normal Limits	2
Pain ( <i>Pn</i> )	15	62	Moderately Elevated	8	53	Within Normal Limits	9
Somatic Complaints ( <i>Sm</i> )	13	60	Moderately Elevated	8	47	Within Normal Limits	13*

Note. \* = Indicates the T-Score Difference is statistically significant at  $p < .05$ .

## RNBI Quality of Life Domain Scales

Scale	Postmorbid			Premorbid			T-Score Difference
	Raw Score	T Score	Range	Raw Score	T Score	Range	
Abuse ( <i>Ab</i> )	6	47	Within Normal Limits	6	45	Within Normal Limits	2
Activities of Daily Living ( <i>Ad</i> )	12	79	Significantly Elevated	6	46	Within Normal Limits	33*
Psychosocial Integration and Recreation ( <i>So</i> )	12	53	Within Normal Limits	12	55	Within Normal Limits	2
Vocation and Finance ( <i>Vo</i> )	16	66	Moderately Elevated	12	49	Within Normal Limits	17*

Note. \* = Indicates the T-Score Difference is statistically significant at  $p < .05$ .

## RNBI Spirituality Scale

Scale	Postmorbid			Premorbid			T-Score Difference
	Raw Score	T Score	Range	Raw Score	T Score	Range	
Spirituality ( <i>Si</i> )	14	52	Within Normal Limits				

Note. This scale is not in a domain and does not have premorbid scores.

## RNBI Critical Items

### Postmorbid Emotional Domain

Item	Response
29. <i>(Item text removed for sample report)</i>	Slightly True
32.	Slightly True
72.	False
92.	False
99.	False
116.	Slightly True

### Postmorbid Physical Domain

Item	Response
33. <i>(Item text removed for sample report)</i>	Slightly True
76.	Mainly True

### Postmorbid Quality of Life Domain

Item	Response
16. <i>(Item text removed for sample report)</i>	False
37.	False
41.	Mainly True
47.	False
58.	False

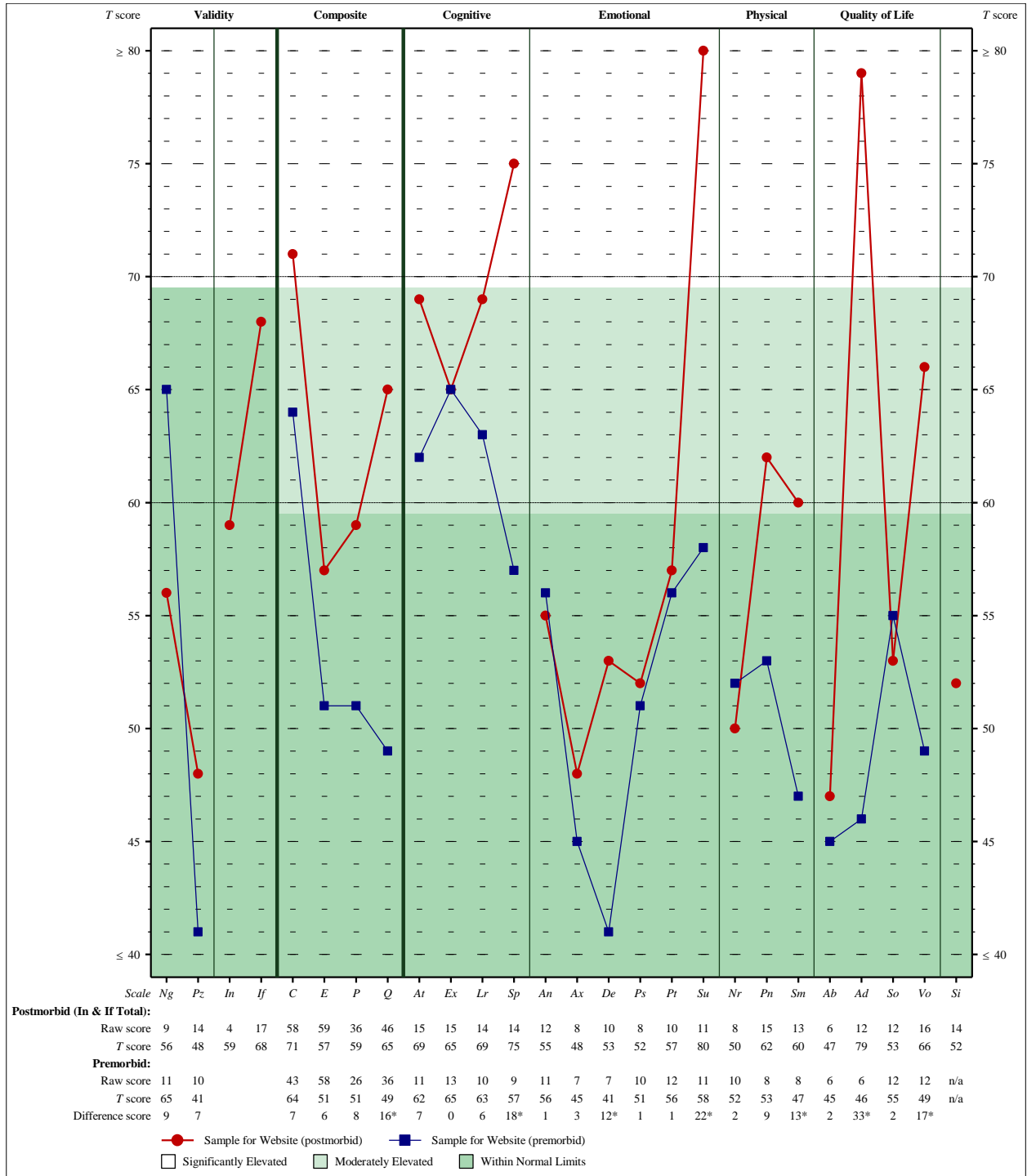
### Premorbid Emotional Domain

Item	Response
210. <i>(Item text removed for sample report)</i>	Slightly True
230.	False

### Premorbid Quality of Life Domain

Item	Response
140. <i>(Item text removed for sample report)</i>	False
240.	False

# RNBI T-Score Profile



Note. "\*" means the difference score is significant at  $p < .05$ .

## RNBI Item Responses

### Attention and Concentration (*At*) Scale

Item	Response
<b>Postmorbid</b>	
1. <i>(Item text removed for sample report)</i>	Slightly True
22.	Mainly True
43.	Slightly True
64.	Mainly True
85.	Mainly True
106.	Slightly True
<b>Premorbid</b>	
125. <i>(Item text removed for sample report)</i>	False
145.	Slightly True
165.	Slightly True
185.	Slightly True
205.	Slightly True
225.	Slightly True

### Executive Functions (*Ex*) Scale

Item	Response
<b>Postmorbid</b>	
2. <i>(Item text removed for sample report)</i>	Slightly True
23.	Mainly True
44.	Slightly True
65.	Mainly True
86.	Slightly True
107.	Slightly True
<b>Premorbid</b>	
126. <i>(Item text removed for sample report)</i>	Slightly True
146.	Slightly True
166.	Slightly True
186.	Slightly True
206.	Slightly True
226.	Slightly True



## Learning and Memory (*Lr*) Scale

Item	Response
<b>Postmorbid</b>	
3. <i>(Item text removed for sample report)</i>	Mainly True
24.	Mainly True
45.	Mainly True
66.	Slightly True
87.	Slightly True
108.	False
<b>Premorbid</b>	
127. <i>(Item text removed for sample report)</i>	False
147.	Mainly True
167.	False
187.	False
207.	Slightly True
227.	Slightly True

## Speech and Language (*Sp*) Scale

Item	Response
<b>Postmorbid</b>	
4. <i>(Item text removed for sample report)</i>	Mainly True
25.	Slightly True
46.	Slightly True
67.	Slightly True
88.	Slightly True
109.	Mainly True
<b>Premorbid</b>	
128. <i>(Item text removed for sample report)</i>	Slightly True
148.	False
168.	False
188.	Slightly True
208.	False
228.	Slightly True

## Anger and Aggression (An) Scale

Item	Response
<b>Postmorbid</b>	
6. (Item text removed for sample report)	Slightly True
27.	Mainly True
48.	Slightly True
69.	Slightly True
90.	Slightly True
111.	Slightly True
<b>Premorbid</b>	
130. (Item text removed for sample report)	Slightly True
150.	Slightly True
170.	Slightly True
190.	Slightly True
210.	Slightly True
230.	False

## Anxiety (Ax) Scale

Item	Response
<b>Postmorbid</b>	
7. (Item text removed for sample report)	False
28.	Slightly True
49.	Slightly True
70.	False
91.	False
112.	False
<b>Premorbid</b>	
131. (Item text removed for sample report)	False
151.	False
171.	False
191.	False
211.	False
231.	Slightly True

## Depression (*De*) Scale

Item	Response
<b>Postmorbid</b>	
8. <i>(Item text removed for sample report)</i>	False
29.	Slightly True
50..	Very True
71.	False
92.	False
113.	False
<b>Premorbid</b>	
132. <i>(Item text removed for sample report).</i>	False
152.	False
172.	Very True
192.	Very True
212.	False
232.	Slightly True

## Paranoia and Suspicion (*Ps*) Scale

Item	Response
<b>Postmorbid</b>	
9. <i>(Item text removed for sample report)</i>	False
30.	False
51.	False
72.	False
93.	Mainly True
114.	False
<b>Premorbid</b>	
133. <i>(Item text removed for sample report)</i>	False
153.	Slightly True
173.	Slightly True
193.	Slightly True
213.	False
233.	Slightly True

## Posttraumatic Stress Disorder (Pt) Scale

Item	Response
<b>Postmorbid</b>	
10. (Item text removed for sample report)	False
31.	False
52.	Mainly True
73.	Slightly True
94.	Slightly True
115.	False
<b>Premorbid</b>	
134. (Item text removed for sample report)	Slightly True
154.	Slightly True
174.	False
194.	Slightly True
214.	Slightly True
234.	Slightly True

## Substance Abuse (Su) Scale

Item	Response
<b>Postmorbid</b>	
11. (Item text removed for sample report)	Slightly True
32.	Slightly True
53.	Slightly True
74.	Slightly True
95.	False
116.	Slightly True
<b>Premorbid</b>	
135. (Item text removed for sample report)	Slightly True
155.	Slightly True
175.	False
195.	Slightly True
215.	Slightly True
235.	Slightly True

## Neurological Status (Nr) Scale

Item	Response
<b>Postmorbid</b>	
12. <i>(Item text removed for sample report)</i>	False
33.	Slightly True
54.	False
75.	False
96.	Slightly True
117.	False
<b>Premorbid</b>	
137. <i>(Item text removed for sample report)</i>	Very True
157.	False
177.	Mainly True
197.	Very True
217.	Mainly True
237.	Mainly True

## Pain (Pn) Scale

Item	Response
<b>Postmorbid</b>	
13. <i>(Item text removed for sample report)</i>	Slightly True
34.	False
55.	Mainly True
76.	Mainly True
97.	Mainly True
118.	Mainly True
<b>Premorbid</b>	
138. <i>(Item text removed for sample report)</i>	False
158.	False
178.	Slightly True
198.	Slightly True
218.	False
238.	False

## Somatic Complaints (*Sm*) Scale

Item	Response
<b>Postmorbid</b>	
14. <i>(Item text removed for sample report)</i>	Slightly True
35.	Slightly True
56.	Slightly True
77.	Slightly True
98.	Mainly True
119.	Slightly True
<b>Premorbid</b>	
139. <i>(Item text removed for sample report)</i>	False
159.	Mainly True
179.	False
199.	Slightly True
219.	False
239.	False

## Abuse (*Ab*) Scale

Item	Response
<b>Postmorbid</b>	
16. <i>(Item text removed for sample report)</i>	False
37.	False
58.	False
79.	False
100.	False
121.	False
<b>Premorbid</b>	
140. <i>(Item text removed for sample report)</i>	False
160.	False
180.	False
200.	False
220.	False
240.	False

## Activities of Daily Living (Ad) Scale

Item	Response
<b>Postmorbid</b>	
20. <i>(Item text removed for sample report)</i>	Mainly True
41.	Mainly True
62.	False
83.	False
104.	Very True
<b>Premorbid</b>	
144. <i>(Item text removed for sample report)</i>	Very True
164.	Mainly True
184.	Very True
204.	Very True
224.	Very True

## Psychosocial Integration and Recreation (So) Scale

Item	Response
<b>Postmorbid</b>	
18. <i>(Item text removed for sample report)</i>	Mainly True
39.	Slightly True
60.	Slightly True
81.	Slightly True
102.	Slightly True
123.	False
<b>Premorbid</b>	
141. <i>(Item text removed for sample report)</i>	Slightly True
161.	False
181.	False
201.	Slightly True
221.	False
241.	Mainly True

## Vocation and Finance (Vo) Scale

Item	Response
<b>Postmorbid</b>	
19. (Item text removed for sample report)	Slightly True
40.	Slightly True
61.	Slightly True
82.	Slightly True
103.	Very True
124.	False
<b>Premorbid</b>	
142. (Item text removed for sample report)	Slightly True
162.	False
182.	Slightly True
202.	Mainly True
222.	Slightly True
242.	Mainly True

## Spirituality (Si) Scale

Item	Response
<b>Postmorbid</b>	
21. (Item text removed for sample report)	Slightly True
42.	Mainly True
63.	Mainly True
84.	False
105.	False

**End of Report**