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1 /Users/teebaobaid/PycharmProjects/pythonProject3/venv/bin/python /Users/teebaobaid/PycharmProjects/pythonProject3/NORMALITY.py
2 Variable No action is likely non-normal with p-value: 0.0000
3 Variable No new comparative trial is likely non-normal with p-value: 0.0000
4 Variable Prediction Current: same rule is likely non-normal with p-value: 0.0000
5 Variable Prediction Voltage Drop: same rule is likely non-normal with p-value: 0.0000
6 Variable Confidence Current: verify prediction is likely non-normal with p-value: 0.0000
7 Variable Confidence Voltage Drop: verify prediction is likely non-normal with p-value: 0.0000
8 Variable Rule Current: Confirming Redundancy is likely non-normal with p-value: 0.0000
9 Variable Rule Voltage Drop: Confirming Redundancy is likely non-normal with p-value: 0.0000
10 Variable Post-test: Current non-normative is likely non-normal with p-value: 0.0000
11 Variable Post-test: Voltage Drop non-normative is likely non-normal with p-value: 0.0000
12 Variable New comparative trial is likely non-normal with p-value: 0.0000
13 Variable Prediction Current: Fill up gaps is likely non-normal with p-value: 0.0000
14 Variable Prediction Voltage Drop: Fill up gaps is likely non-normal with p-value: 0.0000
15 Variable Confidence Current: falsify prediction is likely non-normal with p-value: 0.0000
16 Variable Confidence Voltage Drop: falsify prediction is likely non-normal with p-value: 0.0000
17 Variable Identify problem: goal stated is likely non-normal with p-value: 0.0000
18 Variable Rule Current: Simultaneous scanning is likely non-normal with p-value: 0.0000
19 Variable Rule Voltage Drop: Simultaneous scanning is likely non-normal with p-value: 0.0000
20 Variable Rule Current: Successive scanning is likely non-normal with p-value: 0.0000
21 Variable Rule Voltage Drop: Successive scanning is likely non-normal with p-value: 0.0000
22 Variable Rule Current: Focus gambling is likely non-normal with p-value: 0.0000
23 Variable Rule Voltage Drop: Focus gambling is likely non-normal with p-value: 0.0000
24 Variable Rule Current: Conservative Focusing is likely non-normal with p-value: 0.0000
25 Variable Rule Voltage Drop: Conservative Focusing is likely non-normal with p-value: 0.0000
26 Variable Post-test: Current partial is likely non-normal with p-value: 0.0000
27 Variable Post-test: Voltage Drop partial is likely non-normal with p-value: 0.0000
28 Variable Post-test: Current 1 Valid link is likely non-normal with p-value: 0.0000
29 Variable Post-test: Voltage Drop 1 Valid link is likely non-normal with p-value: 0.0000
30 Variable Post-test: Current 2 Valid links is likely non-normal with p-value: 0.0000
31 Variable Post-test: Voltage Drop 2 Valid links is likely non-normal with p-value: 0.0000
32 Post-hoc Dunn's test for No action:
33           Control  Experimental 1  Experimental 2
34 Control           1.000000      0.000049      0.020284
35 Experimental 1    0.000049      1.000000      0.081720
36 Experimental 2    0.020284      0.081720      1.000000
37 Post-hoc Dunn's test for No new comparative trial:
38           Control  Experimental 1  Experimental 2
39 Control           1.000000e+00    7.513498e-07    7.513498e-07
40 Experimental 1    7.513498e-07    1.000000e+00    1.000000e+00
41 Experimental 2    7.513498e-07    1.000000e+00    1.000000e+00

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42 Post-hoc Dunn's test for Prediction Current: same rule:
43      Control      Experimental 1      Experimental 2
44 Control      1.000000      0.582858      0.005033
45 Experimental 1 0.582858      1.000000      0.024089
46 Experimental 2 0.005033      0.024089      1.000000
47 Post-hoc Dunn's test for Prediction Voltage Drop: same rule:
48      Control      Experimental 1      Experimental 2
49 Control      1.000000      0.020363      0.054365
50 Experimental 1 0.020363      1.000000      0.692352
51 Experimental 2 0.054365      0.692352      1.000000
52 Post-hoc Dunn's test for Confidence Current: verify prediction:
53      Control      Experimental 1      Experimental 2
54 Control      1.000000      0.031784      0.000403
55 Experimental 1 0.031784      1.000000      0.164220
56 Experimental 2 0.000403      0.164220      1.000000
57 Post-hoc Dunn's test for Confidence Voltage Drop: verify prediction:
58      Control      Experimental 1      Experimental 2
59 Control      1.000000      0.006571      0.007169
60 Experimental 1 0.006571      1.000000      0.976934
61 Experimental 2 0.007169      0.976934      1.000000
62 Post-hoc Dunn's test for Rule Current: Confirming Redundancy:
63      Control      Experimental 1      Experimental 2
64 Control      1.000000      0.001981      0.035171
65 Experimental 1 0.001981      1.000000      0.323775
66 Experimental 2 0.035171      0.323775      1.000000
67 Post-hoc Dunn's test for Rule Voltage Drop: Confirming Redundancy:
68      Control      Experimental 1      Experimental 2
69 Control      1.000000      0.007467      0.005549
70 Experimental 1 0.007467      1.000000      0.921919
71 Experimental 2 0.005549      0.921919      1.000000
72 Post-hoc Dunn's test for Post-test: Current non-normative:
73      Control      Experimental 1      Experimental 2
74 Control      1.000000      0.000009      0.000167
75 Experimental 1 0.000009      1.000000      0.493792
76 Experimental 2 0.000167      0.493792      1.000000
77 Post-hoc Dunn's test for Post-test: Voltage Drop non-normative:
78      Control      Experimental 1      Experimental 2
79 Control      1.000000      0.000014      0.000014
80 Experimental 1 0.000014      1.000000      1.000000
81 Experimental 2 0.000014      1.000000      1.000000
82 Post-hoc Dunn's test for New comparative trial:

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	Control	Experimental 1	Experimental 2
83			
84 Control	1.000000e+00	7.513498e-07	7.513498e-07
85 Experimental 1	7.513498e-07	1.000000e+00	1.000000e+00
86 Experimental 2	7.513498e-07	1.000000e+00	1.000000e+00
87 Post-hoc Dunn's test for Prediction Current: Fill up gaps:			
88	Control	Experimental 1	Experimental 2
89 Control	1.000000	0.000027	0.035833
90 Experimental 1	0.000027	1.000000	0.035833
91 Experimental 2	0.035833	0.035833	1.000000
92 Post-hoc Dunn's test for Prediction Voltage Drop: Fill up gaps:			
93	Control	Experimental 1	Experimental 2
94 Control	1.000000	0.002672	0.000077
95 Experimental 1	0.002672	1.000000	0.341654
96 Experimental 2	0.000077	0.341654	1.000000
97 Post-hoc Dunn's test for Confidence Current: falsify prediction:			
98	Control	Experimental 1	Experimental 2
99 Control	1.000000	0.000764	0.045685
100 Experimental 1	0.000764	1.000000	0.171547
101 Experimental 2	0.045685	0.171547	1.000000
102 Post-hoc Dunn's test for Confidence Voltage Drop: falsify prediction:			
103	Control	Experimental 1	Experimental 2
104 Control	1.000000	0.003385	0.000021
105 Experimental 1	0.003385	1.000000	0.186020
106 Experimental 2	0.000021	0.186020	1.000000
107 Post-hoc Dunn's test for Identify problem: goal stated:			
108	Control	Experimental 1	Experimental 2
109 Control	1.000000	0.004562	0.478255
110 Experimental 1	0.004562	1.000000	0.033392
111 Experimental 2	0.478255	0.033392	1.000000
112 Post-hoc Dunn's test for Rule Current: Simultaneous scanning:			
113	Control	Experimental 1	Experimental 2
114 Control	1.000000	0.006753	0.000002
115 Experimental 1	0.006753	1.000000	0.035660
116 Experimental 2	0.000002	0.035660	1.000000
117 Post-hoc Dunn's test for Rule Voltage Drop: Simultaneous scanning:			
118	Control	Experimental 1	Experimental 2
119 Control	1.000000	0.000008	0.004528
120 Experimental 1	0.000008	1.000000	0.106606
121 Experimental 2	0.004528	0.106606	1.000000
122 Post-hoc Dunn's test for Rule Current: Successive scanning:			
123	Control	Experimental 1	Experimental 2

124	Control	1.000000	0.000007	0.000016
125	Experimental 1	0.000007	1.000000	0.859170
126	Experimental 2	0.000016	0.859170	1.000000
127	Post-hoc Dunn's test for Rule Voltage Drop: Successive scanning:			
128	Control	Experimental 1	Experimental 2	
129	Control	1.000000e+00	0.002783	6.208664e-07
130	Experimental 1	2.782782e-03	1.000000	4.616907e-02
131	Experimental 2	6.208664e-07	0.046169	1.000000e+00
132	Post-hoc Dunn's test for Rule Current: Focus gambling:			
133	Control	Experimental 1	Experimental 2	
134	Control	1.000000	1.000000	0.400109
135	Experimental 1	1.000000	1.000000	0.400109
136	Experimental 2	0.400109	0.400109	1.000000
137	Post-hoc Dunn's test for Rule Voltage Drop: Focus gambling:			
138	Control	Experimental 1	Experimental 2	
139	Control	1.000000	0.287479	0.722922
140	Experimental 1	0.287479	1.000000	0.478255
141	Experimental 2	0.722922	0.478255	1.000000
142	Post-hoc Dunn's test for Rule Current: Conservative Focusing:			
143	Control	Experimental 1	Experimental 2	
144	Control	1.000000	0.011660	0.701434
145	Experimental 1	0.011660	1.000000	0.003665
146	Experimental 2	0.701434	0.003665	1.000000
147	Post-hoc Dunn's test for Rule Voltage Drop: Conservative Focusing:			
148	Control	Experimental 1	Experimental 2	
149	Control	1.000000	0.079019	0.379833
150	Experimental 1	0.079019	1.000000	0.379833
151	Experimental 2	0.379833	0.379833	1.000000
152	Post-hoc Dunn's test for Post-test: Current partial:			
153	Control	Experimental 1	Experimental 2	
154	Control	1.000000	0.183382	0.019900
155	Experimental 1	0.183382	1.000000	0.318371
156	Experimental 2	0.019900	0.318371	1.000000
157	Post-hoc Dunn's test for Post-test: Voltage Drop partial:			
158	Control	Experimental 1	Experimental 2	
159	Control	1.000000	0.200478	0.010456
160	Experimental 1	0.200478	1.000000	0.200478
161	Experimental 2	0.010456	0.200478	1.000000
162	Post-hoc Dunn's test for Post-test: Current 1 Valid link:			
163	Control	Experimental 1	Experimental 2	
164	Control	1.000000	0.660588	0.028127

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165 Experimental 1 0.660588      1.000000      0.079019
166 Experimental 2 0.028127      0.079019      1.000000
167 Post-hoc Dunn's test for Post-test: Voltage Drop 1 Valid link:
168           Control  Experimental 1  Experimental 2
169 Control      1.000000      0.295897      0.295897
170 Experimental 1 0.295897      1.000000      0.036569
171 Experimental 2 0.295897      0.036569      1.000000
172 Post-hoc Dunn's test for Post-test: Current 2 Valid links:
173           Control  Experimental 1  Experimental 2
174 Control      1.000000      0.002329      0.703512
175 Experimental 1 0.002329      1.000000      0.000614
176 Experimental 2 0.703512      0.000614      1.000000
177 Post-hoc Dunn's test for Post-test: Voltage Drop 2 Valid links:
178           Control  Experimental 1  Experimental 2
179 Control      1.000000      0.029814      0.029814
180 Experimental 1 0.029814      1.000000      1.000000
181 Experimental 2 0.029814      1.000000      1.000000
182
183 Process finished with exit code 0
184
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