

Appendix A

Individual subject data and group assignment

Subj	Gender	Age	Ability	Response times (ms)		Error rates (%)		Group Assignment		
				Let	Non	Let	Non	Ag	Ab-M	Ag-M
1	M	6.1	488	1192	970	13	19	1		
2	F	7.0	430	1246	1231	18	8	1		
3	F	7.3	482	1342	1327	3	3	1	Y	
4	M	7.3	478	1300	1297	16	14	1		
5	M	7.5	480	1197	1139	2	2	1	Y	
6	M	7.8	517	1107	1334	26	24	1	Y	H
7	M	7.8	472	1603	1568	14	6	1		
8	F	7.9	486	1341	1253	5	9	1	Y	L
9	M	8.0	484	1191	1293	7	21	1	Y	
10	M	8.0	464	935	733	21	43	1		L
11	F	8.0	502	1437	1463	6	13	1	Y	H
12	F	8.0	512	1325	1422	7	2	1	Y	H
13	M	8.1	464	1093	1122	13	10	1		L
14	M	8.2	499	1109	1035	14	14	1		H
15	F	8.3	501	1161	1168	13	11	1	Y	H
16	M	8.3	479	1312	1244	11	13	1	Y	L
17	F	8.8	475	1376	1312	9	7	1		L
18	M	9.0	527	899	995	5	6	2	Y	H
19	M	9.1	466	1658	1339	21	27	2		L
20	F	9.6	504	1439	1401	8	13	2	Y	
21	F	9.8	484	1132	1277	5	8	2		
22	M	9.8	480	1316	1289	10	7	2	O	L
23	F	9.9	495	904	1075	19	7	2	Y	
24	M	9.9	500	1264	1133	3	2	2		L
25	F	10.1	511	934	989	1	1	2	Y	H
26	M	10.2	489	850	951	6	5	2	O	
27	F	10.3	473	910	891	5	9	2	O	L
28	M	10.3	495	949	1154	4	3	2	O	L
29	F	11.2	519	851	959	5	9	2	O	H
30	M	11.6	507	876	921	4	4	2	O	
31	F	12.0	501	1189	1059	5	11	2	O	L
32	F	12.3	495	937	902	3	7	2	O	L
33	M	12.8	499	791	922	1	6	2	O	L
34	F	12.9	520	639	620	0	1	3	O	H
35	M	13.1	533	762	907	4	4	3	Y	H
36	F	13.4	504	893	914	19	7	3	O	L
37	M	13.6	511	885	922	1	1	3		
38	M	13.8	521	1010	1072	3	4	3		
39	M	13.9	524	784	871	6	2	3	Y	H
40	F	14.1	526	877	771	2	0	3		H

Appendix A (cont.)

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Subj	Gender	Age	Ability	Response times (ms)		Error rates (%)		Group Assignment		
				Let	Non	Let	Non	Ag	Ab-M	Ag-M
41	M	14.4	505	868	993	7	8	3	O	L
42	F	14.5	527	909	974	1	3	3		H
43	F	14.5	523	952	1132	11	22	3		
44	M	14.8	531	1154	1146	2	8	3	Y	
45	M	15.0	527	884	1188	3	13	3		H
46	F	15.0	527	698	815	0	4	3		H
47	M	15.0	522	828	947	0	5	3	O	H
48	F	16.3	533	786	764	1	1	3		
49	F	16.5	522	916	888	1	5	3	O	L
50	M	17.0	523	642	751	5	11	4	O	
51	F	17.0	534	652	741	3	2	4		
52	F	18.0	520	698	1034	3	6	4		
53	F	18.3	523	623	623	4	5	4		
54	F	18.6	538	638	644	8	10	4		
55	M	18.6	539	542	636	2	0	4		
56	F	18.6	535	583	638	2	4	4		
57	M	18.6	532	703	910	3	1	4		
58	F	18.7	533	732	694	5	8	4		
59	F	18.9	536	661	664	9	17	4		
60	F	18.9	542	568	651	1	1	4		
61	M	19.1	538	602	638	0	0	4		
62	F	19.1	537	841	811	3	1	4		
63	F	19.4	538	576	546	5	5	4		
64	M	19.4	546	603	624	8	7	4		
65	M	19.7	535	480	560	9	17	4	O	
66	F	19.7	543	743	730	0	3	4		
67	M	19.8	537	616	789	1	0	4		

Note: M = male; F = female. Age values are in years; ability values reflect performance on the Woodcock Reading Mastery Test – Revised. Let = performance on letter-matching task; Non = performance on non-letter matching task. Group assignment for each subject is denoted in columns ‘Ag’ (age groups; 1 – 4), ‘Ab-M’ (ability-matched groups; young [Y] vs. old [O]), and ‘Ag-M’ (age-matched groups; low ability [L] vs. high ability [H]).