

TABLE S1: Marble Burying Tests and Open Field Test correlations.

NTg FEMALE N=10														
		OFaM	OFaC	OFaP	OFaR	OFaG	OFaI	OFaG	OFaI	OFaC	OFaC	OFaC	OFaP	OFaP
MB5	Spearmen	-.349	-.699	-.340	.000	.340	.000	-.108	.087	.044	.261	.174	-.087	-.087
	Sig (2-tailed)	.323	.062	.324	1.000	.324	1	.311	.904	.466	.631	.811	.811	.811
MB10	Spearmen	-.045	-.440	-.112	.052	.357	.069	-.138	.092	-.091	.022	-.037	-.246	-.093
	Sig (2-tailed)	.902	.203	.750	.886	.866	.869	.703	.886	.883	.951	.919	.480	.790
MB15	Spearmen	-.214	-.405	-.337	-.472	.315	.373	-.139	.247	.080	.112	.180	-.292	.157
	Sig (2-tailed)	.552	.246	.341	.168	.376	.288	.702	.491	.826	.757	.619	.413	.664
MB20	Spearmen	-.072	-.347	.020	.046	.229	-.086	-.203	-.216	-.060	.334	.098	-.479	-.361
	Sig (2-tailed)	.843	.325	.957	.900	.524	.814	.575	.548	.869	.345	.787	.162	.306
MB25	Spearmen	-.088	-.376	.019	.110	.234	-.140	-.200	-.240	-.076	.344	.091	-.448	-.396
	Sig (2-tailed)	.809	.284	.957	.762	.516	.699	.579	.504	.835	.331	.803	.195	.250
MB30	Spearmen	.048	-.374	-.241	.032	-.063	-.229	-.235	-.336	-.080	.380	.114	-.101	-.488
	Sig (2-tailed)	.896	.287	.503	.931	.862	.524	.514	.343	.825	.279	.754	.781	.153
MBaD	Spearmen	-.243	.127	-.406	-.588	-.442	.201	.674	.030	-.062	-.491	-.285	.673(*)	.091
	Sig (2-tailed)	.498	.726	.244	.074	.200	.577	.033	.934	.866	.150	.425	.033	.803
MBaDwlo	Spearmen	-.383	-.212	-.479	-.479	-.348	.134	.539	.091	.092	-.188	-.127	.467	-.006
	Sig (2-tailed)	.275	.556	.162	.162	.489	.712	.108	.803	.800	.603	.726	.174	.987
MBaDwI	Spearmen	-.146	.432	-.085	-.456	-.231	.046	.199	.049	-.068	-.407	-.274	.231	.122
	Sig (2-tailed)	.687	.213	.815	.185	.521	.900	.981	.894	.852	.243	.444	.521	.738
MBaD	Spearmen	.040	.018	-.164	-.006	-.236	-.213	.135	-.539	-.474	-.164	-.212	.321	-.442
	Sig (2-tailed)	.894	.960	.651	.987	.511	.554	.710	.108	.166	.651	.556	.360	.200
MBaDwlo	Spearmen	-.012	.184	-.176	-.006	-.370	-.372	.270	-.589	-.585	-.382	-.370	.612	-.467
	Sig (2-tailed)	.973	.651	.627	.987	.293	.290	.451	.074	.076	.276	.293	.060	.174
MBaDwI	Spearmen	.315	-.240	.148	.283	-.160	-.019	.042	-.302	-.184	.068	-.080	-.191	-.345
	Sig (2-tailed)	.273	.504	.684	.428	.659	.959	.909	.397	.610	.853	.826	.598	.325
** . Correlation is significant at the 0.01 level (2-tailed).														
* . Correlation is significant at the 0.05 level (2-tailed).														
NTg MALE N=18														
		OFaM	OFaC	OFaP	OFaR	OFaG	OFaI	OFaG	OFaI	OFaC	OFaC	OFaC	OFaP	OFaP
MB5	Spearmen	.042	-.191	.020	-.321	-.363	.322	.396	.070	-.220	-.023	-.188	.053	.105
	Sig (2-tailed)	.866	.448	.937	.153	.139	.150	.104	.783	.380	.929	.456	.836	.678
MB10	Spearmen	-.019	-.184	-.086	-.395	-.160	.319	.073	.270	.073	.134	.083	-.017	.223
	Sig (2-tailed)	.840	.466	.733	.105	.527	.197	.775	.279	.774	.595	.744	.946	.373
MB15	Spearmen	-.108	-.198	-.137	-.108	-.144	.114	.231	.107	-.037	.079	-.057	-.049	.040
	Sig (2-tailed)	.670	.432	.587	.669	.568	.651	.357	.672	.885	.755	.824	.847	.874
MB20	Spearmen	-.006	-.122	-.162	-.163	-.088	.274	.038	.321	.230	.188	.221	-.089	.251
	Sig (2-tailed)	.980	.630	.520	.517	.729	.272	.879	.195	.358	.455	.379	.726	.315
MB25	Spearmen	.096	-.256	-.246	-.425	-.282	.502(*)	.244	.432	.230	.196	.212	-.018	.418
	Sig (2-tailed)	.706	.305	.326	.079	.256	.034	.328	.073	.358	.435	.399	.944	.083
MB30	Spearmen	.138	-.224	-.199	-.329	-.201	.378	.213	.406	.252	.256	.259	-.108	.350
	Sig (2-tailed)	.584	.370	.428	.183	.423	.122	.397	.095	.314	.305	.299	.671	.153
MBaD	Spearmen	.067	-.005	-.018	.214	.142	-.488(*)	.109	-.150	.172	.292	.130	-.302	-.185
	Sig (2-tailed)	.791	.984	.945	.395	.573	.046	.667	.553	.494	.240	.606	.223	.463
MBaDwlo	Spearmen	-.009	-.194	-.127	.027	.067	-.368	.138	-.176	.090	.232	.059	-.187	-.179
	Sig (2-tailed)	.972	.440	.616	.916	.793	.133	.586	.486	.721	.354	.818	.458	.478
MBaDwI	Spearmen	-.125	.096	.054	.340	-.131	-.492(*)	.052	-.109	.104	-.034	.004	-.013	-.046
	Sig (2-tailed)	.621	.735	.805	.160	.604	.038	.837	.666	.680	.905	.967	.956	.855
MBaD	Spearmen	.027	-.108	-.158	-.193	-.272	.153	.166	.179	-.112	-.255	-.204	.286	.271
	Sig (2-tailed)	.918	.669	.531	.443	.276	.543	.510	.478	.659	.307	.417	.250	.270
MBaDwlo	Spearmen	.118	.066	.006	.005	-.319	-.002	.103	.072	-.171	-.321	-.266	.300	.262
	Sig (2-tailed)	.640	.794	.981	.951	.197	.993	.684	.776	.498	.194	.288	.227	.420
MBaDwI	Spearmen	.054	-.172	-.159	-.288	-.010	.414	.128	.353	.205	.220	.215	-.135	.253
	Sig (2-tailed)	.832	.496	.528	.246	.969	.088	.613	.150	.413	.380	.382	.592	.311
** . Correlation is significant at the 0.01 level (2-tailed).														
* . Correlation is significant at the 0.05 level (2-tailed).														
3xTg-AD FEMALE N=16														
		OFaM	OFaC	OFaP	OFaR	OFaG	OFaI	OFaG	OFaI	OFaC	OFaC	OFaC	OFaP	OFaP
MB5	Spearmen	-.228	-.127	.091	-.166	-.310	.232	.488	-.007	.158	.245	-.008	-.269	-.068
	Sig (2-tailed)	.396	.638	.739	.538	.243	.387	.055	.980	.559	.360	.977	.314	.801
MB10	Spearmen	-.029	-.068	.063	-.213	-.278	.247	.430	.104	.165	.007	-.195	.060	.060
	Sig (2-tailed)	.914	.802	.817	.429	.297	.357	.097	.702	.541	.554	.881	.469	.826
MB15	Spearmen	.053	-.131	.116	-.249	.015	.314	.123	.063	.055	.029	.038	-.248	.023
	Sig (2-tailed)	.845	.629	.668	.352	.955	.237	.649	.817	.841	.916	.889	.354	.932
MB20	Spearmen	.069	-.115	.119	-.237	.026	.315	.116	.023	.047	.003	.025	-.287	-.008
	Sig (2-tailed)	.799	.670	.660	.376	.923	.235	.669	.932	.861	.991	.927	.281	.977
MB25	Spearmen	.246	.050	.053	-.133	.171	.214	-.047	-.021	-.094	-.130	-.118	.011	-.029
	Sig (2-tailed)	.360	.854	.845	.623	.526	.425	.884	.938	.729	.631	.663	.969	.915
MB30	Spearmen	.353	.143	.103	-.060	.256	.138	-.147	-.113	-.182	-.225	-.217	-.014	-.109
	Sig (2-tailed)	.180	.597	.705	.825	.338	.611	.588	.676	.499	.403	.419	.960	.688
MBaD	Spearmen	-.093	.272	-.093	.185	.035	-.120	.078	.078	-.092	-.081	.011	.227	.083
	Sig (2-tailed)	.761	.307	.760	.493	.896	.658	.774	.774	.732	.766	.967	.397	.760
MBaDwlo	Spearmen	-.083	.272	-.093	.185	.035	-.120	.078	.078	-.092	-.081	.011	.227	.083
	Sig (2-tailed)	.761	.307	.760	.493	.896	.658	.774	.774	.732	.766	.967	.397	.760
MBaDwI	Spearmen	.013	-.032	-.294	-.326	.122	.174	.325	.252	-.180	.246	.333	.358	.358
	Sig (2-tailed)	.962	.805	.287	.403	.218	.662	.519	.220	.347	.504	.359	.207	.173
MBaD	Spearmen	.511(*)	.233	.055	-.100	.209	.229	-.034	.006	-.098	-.336	-.076	.038	.016
	Sig (2-tailed)	.043	.386	.840	.711	.436	.394	.901	.983	.717	.203	.781	.888	.952
MBaDwlo	Spearmen	.560(*)	.197	-.006	-.135	.275	.244	-.130	.099	-.068	-.424	.033	.109	.086
	Sig (2-tailed)	.024	.464	.983	.619	.303	.362	.631	.829	.803	.102	.902	.687	.752
MBaDwI	Spearmen	.157	.082	.109	.098	.220	-.006	-.095	-.131	-.167	.068	-.221	-.058	-.150
	Sig (2-tailed)	.563	.762	.888	.718	.414	.983	.727	.628	.535	.803	.410	.832	.580
** . Correlation is significant at the 0.01 level (2-tailed).														
* . Correlation is significant at the 0.05 level (2-tailed).														
3xTg-AD MALE N=20														
		OFaM	OFaC	OFaP	OFaR	OFaG	OFaI	OFaG	OFaI	OFaC	OFaC	OFaC	OFaP	OFaP
MB5	Spearmen	-.299	-.490(*)	-.282	.006	.078	.078	.032	.062	.012	-.037	.079	.243	.209
	Sig (2-tailed)	.200	.028	.228	.981	.744	.744	.894	.795	.961	.876	.740	.301	.389
MB10	Spearmen	-.478(*)	-.310	-.112	-.046	.092	.146	-.063	-.071	-.247	-.111	-.182	.215	.083
	Sig (2-tailed)	.033	.184	.637	.847	.700	.542	.826	.766	.294	.642	.442	.363	.727
MB15	Spearmen	-.400	-.533(*)	-.370	-.114	.091	.355	.022	.227	.122	-.034	.132	.384	.394
	Sig (2-tailed)	.080	.016	.109	.631	.704	.124	.828	.335	.610	.686	.579	.095	.086
MB20	Spearmen	-.192	-.418	-.283	-.096	.244	.294	.073	.210	.079	-.125	.099	.330	.384
	Sig (2-tailed)	.417	.067	.226	.688	.300	.209	.760	.375	.741	.598	.678	.156	.094
MB25	Spearmen	.257	-.287	-.240	.026	.288	.104	-.101	.038	-.056	-.264	.011	.243	.244
	Sig (2-tailed)	.273	.220	.307	.914	.219	.603	.673	.874	.814	.261	.965	.301	.300
MB30	Spearmen	-.222	-.300	-.246	.167	.221	-.004	-.020	.186	.102	-.193	.151	.201	.337
	Sig (2-tailed)	.348	.198	.297	.481	.350	.996	.935	.433	.667	.416	.526	.396	.146
MBaD	Spearmen	.427	.527(*)	.278	-.103	-.030	-.119	-.094	-.290	-.119	-.021	-.132	-.245	.399
	Sig (2-tailed)	.060	.017	.236	.665	.900	.616	.694	.214	.618	.930	.578	.297	.082
MBaDwlo	Spearmen	.393	.507(*)	.234	-.121	-.110	-.011	-.095	-.202	-.054	-.023	-.078	-.188	.031
	Sig (2-tailed)	.087	.023	.321	.611	.645	.905	.691	.394	.821	.924	.745	.427	.187
MBaDwI	Spearmen	.326	.540(*)	.259	-.212	-.026	-.060	.017	-.281	-.224	-.026	-.185	-.192	-.369
	Sig (2-tailed)	.161	.014	.269	.369	.915	.800	.943	.230	.343	.912	.435	.418	.109
MBaD	Spearmen	-.246	-.557(*)	-.363	.018	.217	.167	.054	.357	.287	-.10			

Table S2: Burrowing Tests and Open Field Test correlations.

NTg FEMALE N=10

		OFlaM	OFlaC	OFlaP	OFlaR	OFlaG	OFnR	OFnG	OFd	OFeC	OFIC		OFaC	OFIP	OFdP
DB%S	Spearman Correlation	.093	-.425	-.074	-.062	.000	.433	.426	.289	.059	-.178		.074	.178	.289
	Sig. (2-tailed)	.799	.221	.839	.866	1.000	.211	.220	.418	.871	.622		.839	.622	.418
DB%O	Spearman Correlation	.365	.188	.212	.115	-.576	.104	.614	-.152	-.178	-.479		-.345	.406	-.042
	Sig. (2-tailed)	.300	.603	.556	.751	.082	.776	.059	.676	.622	.162		.328	.244	.907
BB%	Spearman Correlation	-.109	-.612	-.224	-.091	.164	.409	.412	.212	.105	.055		.212	.127	.176
	Sig. (2-tailed)	.763	.060	.533	.803	.651	.241	.237	.556	.774	.881		.556	.726	.627
BBlatD	Spearman Correlation	.353	-.127	-.321	.115	-.588	-.091	.150	-.127	-.400	-.527		.774	.733(*)	-.103
	Sig. (2-tailed)	.318	.726	.365	.751	.074	.802	.680	.726	.252	.117		.293	.016	.777
BBlatDout	Spearman Correlation	.353	-.127	-.321	.115	-.588	-.091	.150	-.127	-.400	-.527		.774	.733(*)	-.103
	Sig. (2-tailed)	.318	.726	.365	.751	.074	.802	.680	.726	.252	.117		.293	.016	.777
BBlatDin	Spearman Correlation	-.308	.411	.018	-.092	.276	-.123	-.212	-.043	.069	.153		.104	-.092	.080
	Sig. (2-tailed)	.387	.238	.960	.800	.440	.734	.556	.906	.851	.672		.774	.800	.827
BBnD	Spearman Correlation	-.529	-.127	.127	.079	.152	-.140	.607	-.224	-.111	-.103		.212	.006	-.285
	Sig. (2-tailed)	.116	.726	.726	.829	.676	.699	.063	.533	.761	.777		.556	.987	.425
BBnDout	Spearman Correlation	-.552	.170	.274	.116	.109	-.419	.346	-.419	-.182	-.067		-.365	-.237	-.517
	Sig. (2-tailed)	.098	.638	.444	.751	.763	.228	.328	.228	.615	.854		.300	.510	.126
BBnDin	Spearman Correlation	-.163	-.550	-.281	-.069	.100	.340	.464	.238	.006	-.150		.075	.338	.219
	Sig. (2-tailed)	.653	.099	.431	.850	.783	.337	.177	.509	.986	.679		.837	.340	.544
**. Correlation is significant at the 0.01 level (2-tailed).															
*. Correlation is significant at the 0.05 level (2-tailed).															

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Table S3: Marble Burying, Deacon's Burrowing Tests and Brier Burrowing Test correlations.

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