

Supplementary table 1. Individual regression data for the controls and prosopagnosic subjects

	Identity task				Expression task			
	<i>intercept</i>	<i>slope (set-size effect)</i>	<i>slope p-value</i>	<i>R-squared</i>	<i>intercept</i>	<i>slope (set-size effect)</i>	<i>slope p-value</i>	<i>R-squared</i>
Controls								
C001	2093	86	0.221	0.21	858	117	0.006	0.91
C002	1178	157	0.017	0.82	951	186	0.003	0.94
C003	1202	201	0.002	0.95	585	224	0.006	0.91
C004	1668	168	0.075	0.55	1489	51	0.144	0.36
C005	1449	151	0.022	0.79	1026	120	0.019	0.81
C006	1657	230	0.073	0.56	1518	311	0.010	0.87
C007	1410	152	0.011	0.86	1087	187	0.018	0.82
C008	1240	315	0.018	0.82	1191	149	0.006	0.91
C009	1629	155	0.025	0.77	1444	133	0.004	0.92
C010	1745	245	0.005	0.92	1152	212	0.003	0.94
C011	2165	244	0.080	0.54	1672	267	0.005	0.92
C012	1170	241	0.007	0.90	1023	107	0.011	0.86
C013	736	239	0.016	0.83	733	141	0.001	0.98
C014	1239	82	0.003	0.94	864	83	0.029	0.75
C015	2761	359	0.057	0.62	1749	146	0.042	0.68
C016	2112	205	0.020	0.80	1315	234	0.005	0.92
C017	1743	159	0.044	0.67	1267	105	0.003	0.95
C018	2117	268	0.070	0.57	1791	116	0.106	0.45
C019	2538	218	0.008	0.89	1079	236	0.000	0.99
C020	1989	251	0.017	0.82	1514	126	0.029	0.75
C021	912	184	0.002	0.96	935	170	0.003	0.94
C022	1454	203	0.079	0.54	1177	288	0.006	0.91
C023	1216	215	0.007	0.90	1499	78	0.015	0.84
C024	801	151	0.003	0.94	939	71	0.012	0.86
C025	3583	347	0.164	0.31	1007	259	0.004	0.93
C026	1070	101	0.025	0.77	921	132	0.017	0.82
C027	635	217	0.000	0.99	958	171	0.043	0.68
C028	1451	326	0.004	0.93	1608	96	0.196	0.25
C029	1519	69	0.069	0.58	1062	159	0.000	1.00

DPs	Identity task				Expression task			
	<i>intercept</i>	<i>slope (set-size effect)</i>	<i>slope p-value</i>	<i>R-squared</i>	<i>intercept</i>	<i>slope (set-size effect)</i>	<i>slope p-value</i>	<i>R-squared</i>
DP003	1255	778	0.001	0.98	1878	262	0.004	0.93
DP024	1797	330	0.001	0.97	1306	147	0.025	0.77
DP032	3746	562	0.040	0.69	2276	45	0.272	0.13
DP033	3131	525	0.000	0.99	1215	236	0.048	0.66
DP035	7246	901	0.018	0.82	1975	300	0.035	0.72
DP039	1525	366	0.019	0.81	2770	85	0.268	0.14
DP044	2198	452	0.030	0.74	1177	216	0.000	0.99
DP301	2639	392	0.002	0.96	1409	174	0.044	0.68
DP302	2165	798	0.005	0.92	1561	478	0.024	0.78
DP303	1298	489	0.043	0.68	1360	204	0.017	0.82
DP304	4085	348	0.098	0.48	2065	121	0.120	0.42
DP305	5166	738	0.036	0.71	3351	132	0.129	0.39
DP306	1454	212	0.044	0.68	1018	205	0.008	0.89