

Supplemental Table 1. Alzheimer's disease center sites stratified by ethnoracial group

Site number	White	African American	Hispanic	Total
289	109	0	6	115
354	25	4	3	32
490	49	4	1	54
911	6	0	5	11
943	7	0	0	7
1354	31	0	4	35
1416	23	2	11	36
2096	299	20	3	322
2125	1	0	0	1
2289	129	8	28	165
2578	34	0	7	41
2933	5	0	0	5
2958	65	1	0	66
3630	7	1	0	8
3697	57	3	13	73
3964	1	0	0	1
3966	4	3	0	7
4032	29	1	2	32
4347	50	2	0	52
4935	22	5	14	41
4967	101	13	1	115
5310	6	0	0	6
5452	115	3	1	119
5783	26	0	0	26
5897	113	14	0	127
6061	38	2	2	42
6499	12	0	0	12
6518	48	11	7	66
6713	3	2	0	5

Running Title: Ethnoracial differences in LBD

8354	53	4	0	57
8361	76	0	9	85
8646	47	6	1	54
8658	52	9	0	61
8660	30	1	2	33
8683	13	2	0	15
8974	33	1	1	35
9637	51	5	1	57
9661	12	3	0	15

Supplemental Table 2. Linear regression of neuropsychological tests and sociodemographic variables for full sample

Measure	Predictor	<i>B</i>	SE	β	<i>p</i>
MMSE	Female	-.112	.227	-.008	.621
	Education	.268	.030	.149	<0.0001
	African American	-.751	.406	-.030	.065
	Hispanic	-.301	.451	-.011	.504
	CDR GS	-7.041	.145	-.75	<0.0001
	Hypertension	.066	.206	.005	.748
	Diabetes	-.022	.313	-.001	.945
DSF	Female	-.015	.124	-.025	.904
	Education	.105	.016	.159	<0.0001
	African American	-.245	.229	-.025	.284
	Hispanic	-1.588	.246	-.157	<0.0001
	CDR GS	-1.455	.092	-.363	<0.0001
	Hypertension	-.104	.112	-.022	.349
	Diabetes	-.094	.171	-.013	.580
DSB	Female	.129	.112	.027	.251
	Education	.105	.015	.176	<0.0001
	African American	-.630	.208	-.072	.003
	Hispanic	-.501	.222	-.055	.024
	CDR GS	-1.47	.085	-.399	<0.0001
	Hypertension	-.030	.101	-.007	.766
	Diabetes	.089	.154	.014	.578
Digit Symbol	Female	2.656	.765	.087	.001
	Education	.686	.102	.178	<0.0001
	African American	-5.384	1.396	-.097	<0.0001
	Hispanic	-2.442	1.518	-.042	.108
	CDR GS	-12.098	.677	-.439	<0.0001
	Hypertension	-.694	.683	-.026	.310
	Diabetes	.139	1.023	.003	.892
TMTA	Female	.290	2.095	.003	.890
	Education	-1.190	.280	-.009	<0.0001
	African American	16.430	3.928	.094	<0.0001
	Hispanic	9.954	4.293	.053	.021
	CDR GS	40.627	1.886	.470	<0.0001
	Hypertension	1.339	1.860	.016	.472

Running Title: Ethnoracial differences in LBD

	Diabetes	-.151	2.920	-.001	.959
TMTB	Female	2.539	5.603	.013	.651
	Education	-3.278	.765	-.121	<0.0001
	African American	28.955	11.142	.073	.009
	Hispanic	21.908	11.897	.051	.066
	CDR GS	63.416	6.008	.286	<0.0001
	Hypertension	6.056	4.905	.034	.217
	Diabetes	5.476	7.900	.019	.488
BNT	Female	-2.22	.290	-.156	<0.0001
	Education	.295	.038	.166	<0.0001
	African American	-5.633	.531	-.217	<0.0001
	Hispanic	-3.799	.576	-.139	<0.0001
	CDR GS	-5.203	.220	-.470	<0.0001
	Hypertension	-.165	.261	-.013	.528
	Diabetes	-.023	.400	-.001	.954
Animals fluency	Female	-.178	.272	-.013	.514
	Education	.148	.036	.089	<0.0001
	African American	-2.068	.510	-.084	<0.0001
	Hispanic	-.781	.543	-.031	.151
	CDR GS	-5.302	.205	-.521	<0.0001
	Hypertension	-.247	.244	-.021	.311
	Diabetes	0.19	.383	.001	.961
Vegetable fluency	Female	1.532	.192	.168	<0.0001
	Education	.032	.026	.028	.212
	African American	-.518	.359	-.030	.149
	Hispanic	-1.045	.385	-.059	.007
	CDR GS	-3.636	.145	-.514	<0.0001
	Hypertension	-.101	.171	-.012	.556
	Diabetes	.199	.267	.016	.456
Immediate memory	Female	.502	.236	.05	.033
	Education	.244	.031	.190	<0.0001
	African American	-.204	.434	-.011	.639
	Hispanic	-.074	.467	-.004	.874
	CDR GS	-3.332	.172	-.440	<0.0001
	Hypertension	-.075	.212	-.008	.722
	Diabetes	.708	.325	.051	.029

Running Title: Ethnoracial differences in LBD

Delayed memory	Female	.101	.239	.01	.672
	Education	.222	.032	.176	<0.0001
	African American	-.341	.435	-.019	.433
	Hispanic	-.195	.474	-.01	.680
	CDR GS	-3.132	.178	-.410	<0.0001
	Hypertension	.009	.214	.001	.965
	Diabetes	.484	.328	.035	.140

Abbreviation: MMSE, Mini-Mental Status Exam; DSF, Digit Span Forward; DSB, Digit Span Backward; TMTA, Trail Making

Test A, TMTB, Trail Making Test B; BNT, Boston Naming Test; CDR GS: CDR Global Score

* White cohort was inputted as the referent group

Supplemental Table 3. Linear regression of neuropsychological tests and sociodemographic variables for dementia only sample

Measure	Predictor	<i>B</i>	SE	β	<i>p</i>
MMSE	Female	-1.075	.455	-.073	.018
	Education	.413	.060	.223	<0.0001
	African American	-1.056	.792	-.041	.183
	Hispanic	.039	.845	.001	.964
	Hypertension	-.219	.416	-.016	.599
	Diabetes	.129	.641	.006	.841
DSF	Female	-.122	.171	-.023	.477
	Education	.117	.022	.178	<0.0001
	African American	-.491	.309	-.051	.113
	Hispanic	-1.445	.312	-.154	<0.0001
	Hypertension	-.114	.153	-.024	.457
	Diabetes	.107	.240	.014	.657
DSB	Female	.058	.144	-.013	.688
	Education	.099	.019	.181	<0.0001
	African American	-.670	.263	-.083	.011
	Hispanic	-.336	.264	-.043	.202
	Hypertension	-.054	.130	-.014	.675
	Diabetes	.180	.203	.030	.375
Digit Symbol	Female	1.291	1.029	.047	.210
	Education	.553	.134	.163	<0.0001
	African American	-5.443	1.841	-.110	.003
	Hispanic	-1.985	1.849	-.042	.283
	Hypertension	-1.403	.906	-.058	.122

Running Title: Ethnoracial differences in LBD

	Diabetes	1.659	1.381	.046	.230
TMTA	Female	2.581	3.222	.027	.423
	Education	-1.065	.426	-.087	.013
	African American	22.531	5.861	.128	.0001
	Hispanic	5.552	6.153	.031	.367
	Hypertension	2.336	2.846	.027	.412
	Diabetes	-4.581	4.509	-.034	.310
TMTB	Female	16.189	7.550	.089	.032
	Education	-1.443	1.036	-.059	.164
	African American	29.590	15.013	.082	.049
	Hispanic	-10.379	14.531	-.029	.475
	Hypertension	9.223	6.503	.058	.157
	Diabetes	-2.505	10.474	-.010	.811
BNT	Female	-2.963	.463	-.193	<.0001
	Education	.346	.060	.183	<.0001
	African American	-6.067	.830	-.220	<.0001
	Hispanic	-4.029	.850	-.148	<.0001
	Hypertension	-.707	.417	-.051	.090
	Diabetes	.095	.648	.004	.883
Animals fluency	Female	-.717	.364	-.061	.049
	Education	.179	.048	.122	.0002
	African American	-2.211	.662	-.103	.001
	Hispanic	-.639	.676	-.030	.344
	Hypertension	-.435	.327	-.041	.183
	Diabetes	.352	.519	.021	.498
Vegetable fluency	Female	.927	.259	.112	.0004
	Education	.035	.034	.033	.314
	African American	-.563	.472	-.038	.233
	Hispanic	-.894	.485	-.060	.066
	Hypertension	-.495	.232	-.067	.033
	Diabetes	.575	.364	.051	.114
Immediate memory	Female	.069	.291	.008	.813
	Education	.234	.038	.213	<.0001
	African American	-.033	.527	-.002	.951
	Hispanic	.048	.529	.003	.928

Running Title: Ethnoracial differences in LBD

	Hypertension	-.261	.261	-.033	.317
	Diabetes	.912	.408	.075	.026
Delayed memory	Female	-.391	.272	-.048	.151
	Education	.182	.036	.178	<0.0001
	African American	-.207	.486	-.014	.669
	Hispanic	-.035	.496	-.002	.944
	Hypertension	-.285	.245	-.039	.244
	Diabetes	.592	.380	.052	.120

Abbreviation: MMSE, Mini-Mental Status Exam; DSF, Digit Span Forward; DSB, Digit Span Backward; TMTA, Trail Making

Test A, TMTB, Trail Making Test B; BNT, Boston Naming Test

* White cohort was inputted as the referent group

** Sample was defined using clinical/consensus diagnosis of dementia

Supplemental Table 4. Linear regression of neuropsychological tests and sociodemographic variables for MCI only sample

Measure	Predictor	<i>B</i>	SE	β	<i>p</i>
MMSE	Female	.597	.226	.112	.009
	Education	.167	.031	.241	<0.0001
	African American	-.732	.433	-.072	.092
	Hispanic	-.561	.545	-.044	.303
	Hypertension	-.121	.202	-.026	.549
	Diabetes	-.593	.300	-.083	.049
DSF	Female	.048	.196	.010	.809
	Education	.098	.027	.162	.0003
	African American	.179	.373	.021	.631
	Hispanic	-2.109	.470	-.194	<0.0001
	Hypertension	-.242	.176	-.059	.169
	Diabetes	-.440	.260	-.071	.091
DSB	Female	.331	.193	.074	.088
	Education	.119	.026	.203	<0.0001
	African American	-.668	.367	-.079	.069
	Hispanic	-.974	.463	-.092	.036
	Hypertension	-.077	.173	-.019	.657
	Diabetes	-.179	.256	-.030	.484
Digit Symbol	Female	4.219	1.120	.164	.0002
	Education	.862	.154	.251	<0.0001
	African American	-6.245	2.095	-.131	.003

Running Title: Ethnoracial differences in LBD

	Hispanic	-3.253	2.681	-.053	.226
	Hypertension	-.563	1.015	-.024	.579
	Diabetes	-2.680	1.491	-.077	.073
TMTA	Female	-.260	2.200	-.005	.906
	Education	-1.034	.299	-.142	.001
	African American	10.317	4.311	.096	.017
	Hispanic	19.024	5.095	.151	.0002
	Hypertension	1.027	1.955	.021	.599
	Diabetes	6.068	3.034	.078	.046
TMTB	Female	-7.673	7.684	-.041	.318
	Education	-4.507	1.042	-.179	<0.0001
	African American	43.726	15.231	.118	.004
	Hispanic	67.681	18.356	.149	.0002
	Hypertension	1.587	6.792	.010	.815
	Diabetes	17.292	10.920	.064	.114
BNT	Female	-1.246	.350	-.138	.0004
	Education	.260	.047	.222	<0.0001
	African American	-5.268	.665	-.311	<0.0001
	Hispanic	-3.742	.837	-.177	<0.0001
	Hypertension	.254	.313	.032	.417
	Diabetes	-.111	.469	-.009	.813
Animals fluency	Female	.241	.460	.021	.601
	Education	.128	.062	.085	.041
	African American	-2.606	.908	-.116	.004
	Hispanic	-1.015	1.073	-.039	.344
	Hypertension	-.186	.408	-.018	.649
	Diabetes	-.752	.632	-.047	.235
Vegetable fluency	Female	2.250	.308	.285	<0.0001
	Education	.049	.042	.047	.245
	African American	-.822	.606	-.054	.175
	Hispanic	-1.503	.715	-.083	.036
	Hypertension	.466	.273	.067	.088
	Diabetes	-.637	.424	-.058	.133
Immediate memory	Female	1.059	.427	.109	.013
	Education	.268	.058	.208	<0.0001

Running Title: Ethnoracial differences in LBD

	African American	-.790	.805	-.044	.327
	Hispanic	.294	1.048	.012	.779
	Hypertension	.003	.380	.000	.994
	Diabetes	.244	.568	.019	.668
Delayed memory	Female	.709	.452	.069	.117
	Education	.292	.061	.214	<0.0001
	African American	-1.041	.854	-.054	.223
	Hispanic	-.097	1.11	-.004	.930
	Hypertension	.333	.403	.037	.408
	Diabetes	-.006	.602	.000	.992

Abbreviation: MMSE, Mini-Mental Status Exam; DSF, Digit Span Forward; DSB, Digit Span Backward; TMTA, Trail Making

Test A, TMTB, Trail Making Test B; BNT, Boston Naming Test

* White cohort was inputted as the referent group

** Sample was defined using clinical/consensus diagnosis of MCI