

Supplementary Material

Referral Sources Across Racial and Ethnic Groups at Alzheimer's Disease Research Centers

Supplementary Table 1. Comparison of percentages of participants from study sites with MRI by race and ethnicity group.

	Sites without MRIs (n=12,294)	Sites with MRIs (n=36,036)	p
Hispanic	684 (5.6%)	3,454 (9.6%)	0.6492
Non-Hispanic Asian	161 (1.3%)	1,231 (3.4%)	0.0214
Non-Hispanic Black	2,343 (19.1%)	4,423 (12.3%)	0.0881
Non-Hispanic White	8,754 (71.2%)	26,604 (73.8%)	0.2998
Other race	352 (2.9%)	324 (0.9%)	0.0398

Supplementary Table 2. Results from a mixed effects logistic regression model using generalized estimating equations on professional referral source by primary language in Hispanic participants (n=3,036). Adjusted for age, gender, education, visit year, and CDR with a random effect for study site.

Independent variables	<i>Odds Ratio</i>	<i>95% CI</i>	<i>p</i>
Age (y)	1.00	0.99-1.01	0.6989
Female	0.85	0.72-1.00	0.0542
Years of Education	0.99	0.98-1.00	0.0179
Global CDR - overall			<0.0001
0.0	0.26	0.17-0.39	<0.0001
0.5	0.67	0.51-0.87	0.0032
1.0	1.05	0.78-1.41	0.7446
>1	1.00	1.00-1.00	--
Visit Year - overall			<0.0001
2005	1.02	0.38-2.75	0.9664
2006-2007	1.07	0.44-2.62	0.8751
2008-2012	0.73	0.37-1.43	0.3580
2013-2017	1.23	0.75-2.00	0.4160
2018-2019	0.98	0.51-1.88	0.9548
2020-2021	1.40	0.79-2.47	0.2480
2022-2023	1.00	1.00-1.00	--
Primary language: English versus Spanish	0.87	0.67-1.12	0.2797

Reference, non-professional contact; CDR, Clinical Dementia Rating scale; professional, referrals made by healthcare professionals; non-professional, self, family and friends.

Supplementary Table 3. Results from a mixed effects logistic regression model with generalized estimating equations on professional referral source by primary language in Non-Hispanic Asian participants (n=956). Adjusted for age, gender, education, visit year, and CDR with a random effect for study site.

Independent variables	<i>Odds Ratio</i>	<i>95% CI</i>	<i>p</i>
Age (y)	1.00	0.97-1.02	0.7987
Female	0.74	0.57-0.97	0.0271
Years of Education	1.02	1.00-1.03	0.0065
Global CDR - overall			<0.0001
0.0	0.30	0.15-0.60	0.0007
0.5	0.78	0.46-1.31	0.3489
1.0	1.69	0.97-2.91	0.0616
>1	1.00	1.00-1.00	
Visit Year - overall			0.0110
2005	1.77	0.45-6.89	0.4122
2006-2007	0.91	0.30-2.73	0.8712
2008-2012	1.38	0.44-4.31	0.5813
2013-2017	1.75	0.45-6.84	0.4222
2018-2019	1.53	0.53-4.39	0.4319
2020-2021	0.63	0.35-1.15	0.1311
2022-2023	1.00	1.00-1.00	
Primary language English versus Non-English	1.46	1.03-2.07	0.0341

Reference, non-professional contact; CDR, Clinical Dementia Rating scale; professional, referrals made by healthcare professionals; non-professional, self, family and friends.