

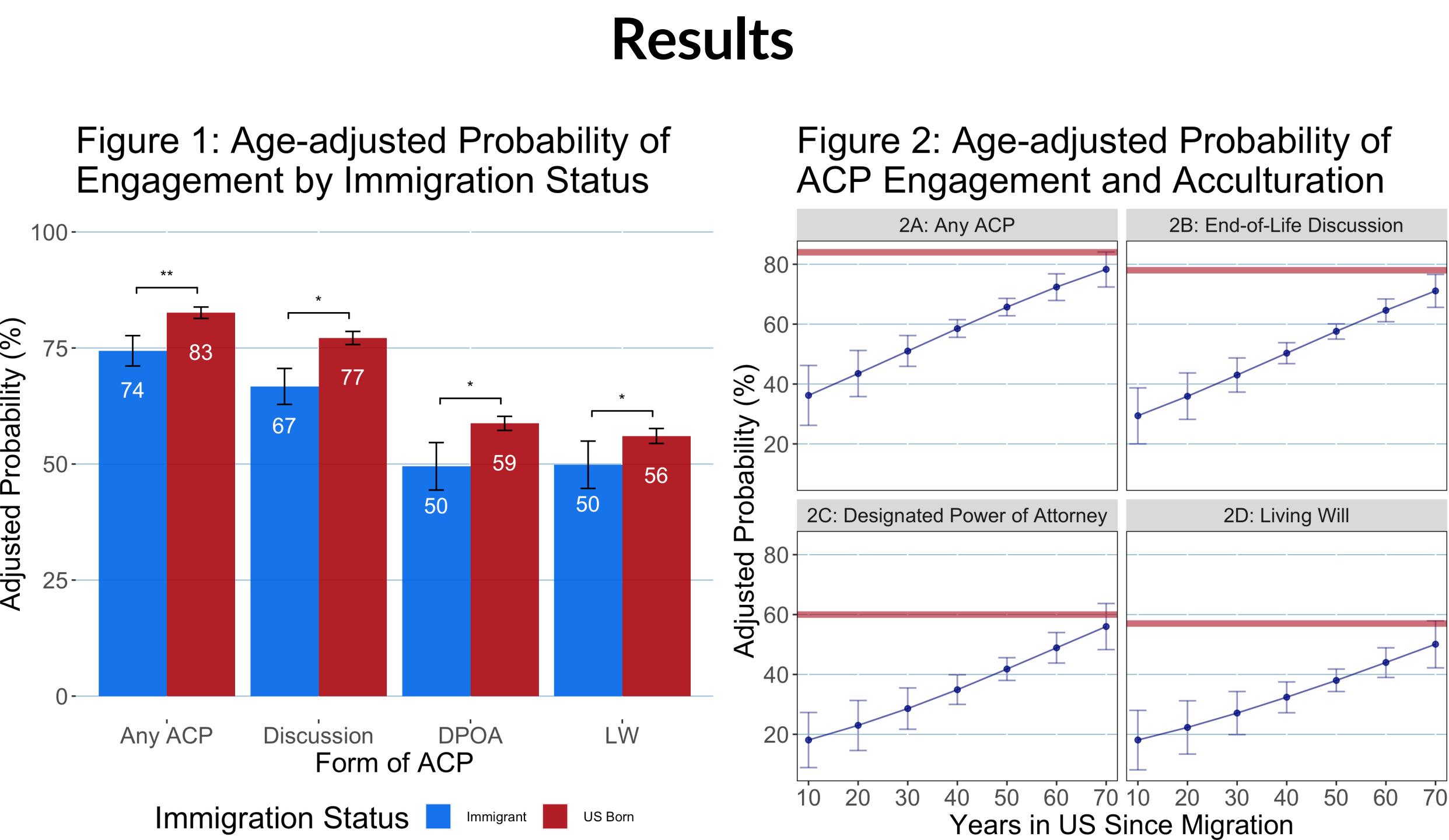
Disparities in Advance Care Planning Among Older U.S. Immigrants from the Health and Retirement Study

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- Introduction
- Immigrants constitute a growing proportion of the expanding population of US older adults.
 - Immigrants have different patterns of care at the end of life.
 - Patterns of care and ACP engagement both appear to vary with acculturative markers, such as years spent in the US.

- Methods
- Secondary data analysis of the 2016 wave of the Health and Retirement Study (N = 9928)
 - Immigration status determined by birth inside or outside the United States
 - Marginal probabilities of ACP engagement were estimated with multivariate logistic regression
 - Adjusted for age, gender, self-reported race and Hispanic ethnicity, marital status, number of children living at home, religiosity, education, assets, and life expectancy.



- Discussion
- ACP engagement is lower for US immigrants compared to US-born older adults, particularly for those recently immigrated
 - Further studies should explore (1) the unique ACP needs of different immigrant communities and (2) the structural and cultural barriers preventing engagement

Immigrants have lower prevalence of all advance care planning behaviors compared to those born in the US. Clinicians should identify recently arrived older immigrants who need advance care planning engagement.

Select Characteristics				
	US-Born	Immigrant	p-value	
N (Survey Weighted %)	8751 (90%)	1177 (10%)		
Age, median (IQR) [†]	75 (69-81)	75 (68-80)	0.02	
Race/Ethnicity [‡]			<0.001	
White	6656 (85%)	297 (35%)		
Black	1504 (9%)	139 (8%)		
Hispanic	448 (4%)	624 (45%)		
Other	141 (2%)	114 (12%)		
ACP Engagement [‡]				
Any ACP	7264 (84%)	681 (63%)	<0.001	
Discussion about EOL	6731 (74%)	605 (56%)	<0.001	
Power of Attorney	5302 (60%)	427 (42%)	<0.001	
Living Will	4977 (57%)	374 (38%)	<0.001	
Living Will Limits Care	4493 (94%)	337 (93%)	0.81	
† Adjusted Wald Test ‡ Pearson chi-squared				
Odds Ratio [95% CI] for Immigration Status by Race and Hispanic Ethnicity				
	White	Black	Hispanic	Other
Any ACP				
Model 1	0.69 [0.46,1.02]	0.47*** [0.32,0.68]	0.48*** [0.35,0.69]	0.65 [0.25,1.69]
Model 2	0.87 [0.58,1.31]	0.46*** [0.31,0.69]	0.48*** [0.34,0.68]	0.78 [0.35,1.74]
Model 3			0.81 [0.43, 1.52]	
Discuss EOL				
Model 1	0.73 [0.50,1.06]	0.47** [0.29,0.78]	0.38*** [0.27,0.53]	0.58 [0.23,1.48]
Model 2	0.86 [0.59,1.26]	0.48** [0.29,0.81]	0.39*** [0.29,0.54]	0.78 [0.36,1.70]
Model 3			0.67 [0.36, 1.23]	
DPOA				
Model 1	0.73 [0.53,1.00]	0.59 [0.29,1.22]	0.56** [0.37,0.82]	0.66 [0.34,1.31]
Model 2	0.94 [0.69,1.29]	0.57 [0.32,1.01]	0.54** [0.36,0.80]	0.84 [0.45,1.55]
Model 3			0.87 [0.48, 1.58]	
Living Will				
Model 1	0.81 [0.61,1.09]	0.67 [0.34,1.33]	0.62 [0.38,1.00]	0.93 [0.44,1.98]
Model 2	0.99 [0.73,1.34]	0.6 [0.34,1.05]	0.59* [0.36,0.95]	1.13 [0.56,2.27]
Model 3			1.04 [0.63, 1.68]	