

State Immigration Policy Contexts and Racialized Legal Status Disparities in Health Care Utilization Among U.S. Agricultural Workers

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Table A1: Ordinary least-squares models of health care utilization with state, month, and year fixed effects: Accommodating policy contexts

Characteristics	Model 1: Nativity, Race/Ethnicity, and Legal Status			Model 2: Model 1 + Policy Context			Model 3: Model 2 + Nativity, Race/Ethnicity, and Legal Status x Policy Context			Model 4: Model 3 + Sociodemographic, Health Controls		
	<i>Coefficients</i>		<i>SE</i>	<i>Coefficients</i>		<i>SE</i>	<i>Coefficients</i>		<i>SE</i>	<i>Coefficients</i>		<i>SE</i>
Nativity, race-ethnicity, legal status (ref = U.S.-born White non-Latinx)												
U.S.-born non-White Latinx	-0.117	***	(0.023)	-0.118	***	(0.023)	-0.102	**	(0.038)	-0.085	*	(0.036)
Naturalized U.S. citizen non-White Latinx	-0.203	***	(0.018)	-0.202	***	(0.018)	-0.256	***	(0.034)	-0.176	***	(0.034)
Documented White Latinx	-0.126	***	(0.019)	-0.125	***	(0.019)	-0.131	***	(0.037)	-0.056		(0.036)
Documented non-White Latinx	-0.248	***	(0.042)	-0.246	***	(0.042)	-0.277	**	(0.088)	-0.137		(0.084)
Undocumented White Latinx	-0.356	***	(0.018)	-0.355	***	(0.018)	-0.344	***	(0.033)	-0.211	***	(0.033)
Undocumented non-White Latinx	-0.382	***	(0.016)	-0.382	***	(0.016)	-0.340	***	(0.029)	-0.201	***	(0.029)
Proportion of accommodating policies / total policies				-0.088	**	(0.021)	-0.070		(0.045)	-0.052		(0.043)
Proportion of accommodating policies x U.S.-born non-White Latinx							-0.042		(0.078)	-0.003		(0.074)
Proportion of accommodating policies x Naturalized U.S. citizen non-White Latinx							0.085		(0.060)	0.096	†	(0.057)
Proportion of accommodating policies x Documented White Latinx							0.001		(0.063)	-0.008		(0.060)
Proportion of accommodating policies x Documented non-White Latinx							0.050		(0.145)	-0.011		(0.138)
Proportion of accommodating policies x Undocumented White Latinx							-0.027		(0.059)	-0.016		(0.056)
Proportion of accommodating policies x Undocumented non-White Latinx							-0.079		(0.053)	-0.055		(0.051)
Age										0.005	**	(0.002)
Age ²										-0.000	*	(0.000)
Women (ref = Men)										0.220	***	(0.011)
Number of health conditions										0.194	***	(0.008)
Worker "follows the crop" (ref = Does not "follow the crop")										-0.075	***	(0.018)

Family below poverty level (ref = Above poverty level)									-0.059	***	(0.010)	
Years of education									0.013	***	(0.001)	
State Fixed Effects	X			X				X		X		
Year Fixed Effects	X			X				X		X		
Month Fixed Effects	X			X				X		X		
Constant	0.822	***	(0.014)	0.870	***	(0.021)	0.863	***	(0.024)	0.478	***	(0.047)
Adj. R2	0.090			0.091			0.091			0.181		
N	11594			11594			11594			11594		

Source: National Agricultural Workers Survey, 2005-2012;
Correlates of State Policy Project

Note. ***p<0.001, **p<0.01, *p<0.05, †p<0.1.

Table A2: Predicted probabilities of reporting barriers to health care utilization in the context of increasing restrictive policies

	Restrictive policies			...25% of total			...50% of total			...75% of total			...100% of total		
	0% of total														
<i>No barriers</i>															
U.S.-born White non-Latinx	0.754	***	(0.022)	0.679	***	(0.017)	0.595	***	(0.019)	0.504	***	(0.030)	0.412	***	(0.044)
U.S.-born non-White Latinx	0.617	***	(0.032)	0.563	***	(0.022)	0.507	***	(0.023)	0.450	***	(0.035)	0.395	***	(0.050)
Naturalized U.S. citizen non-White Latinx	0.592	***	(0.017)	0.493	***	(0.013)	0.392	***	(0.017)	0.298	***	(0.024)	0.216	***	(0.029)
Documented White Latinx	0.530	***	(0.022)	0.512	***	(0.015)	0.494	***	(0.022)	0.475	***	(0.036)	0.457	***	(0.051)
Documented non-White Latinx	0.545	***	(0.060)	0.533	***	(0.041)	0.516	***	(0.053)	0.486	***	(0.083)	0.435	***	(0.019)
Undocumented White Latinx	0.461	***	(0.0199)	0.455	***	(0.013)	0.449	***	(0.018)	0.443	***	(0.028)	0.437	***	(0.041)
Undocumented non-White Latinx	0.446	***	(0.014)	0.397	***	(0.009)	0.350	***	(0.013)	0.305	***	(0.019)	0.262	***	(0.025)
<i>Material/information barriers</i>															
U.S.-born White non-Latinx	0.189	***	(0.021)	0.252	***	(0.017)	0.325	***	(0.019)	0.405	***	(0.030)	0.489	***	(0.046)
U.S.-born non-White Latinx	0.352	***	(0.032)	0.402	***	(0.023)	0.453	***	(0.024)	0.504	***	(0.036)	0.554	***	(0.052)
Naturalized U.S. citizen non-White Latinx	0.356	***	(0.017)	0.451	***	(0.013)	0.550	***	(0.017)	0.645	***	(0.026)	0.729	***	(0.032)
Documented White Latinx	0.422	***	(0.022)	0.441	***	(0.015)	0.460	***	(0.022)	0.379	***	(0.036)	0.499	***	(0.052)
Documented non-White Latinx	0.447	***	(0.060)	0.447	***	(0.042)	0.438	***	(0.055)	0.41	***	(0.085)	0.354	**	(0.022)
Undocumented White Latinx	0.453	***	(0.020)	0.455	***	(0.014)	0.456	***	(0.018)	0.458	***	(0.028)	0.459	***	(0.040)
Undocumented non-White Latinx	0.482	***	(0.014)	0.518	***	(0.010)	0.552	***	(0.013)	0.582	***	(0.020)	0.609	***	(0.028)
<i>Other barriers</i>															
U.S.-born White non-Latinx	0.057	***	(0.013)	0.069	***	(0.011)	0.080	***	(0.011)	0.091	***	(0.017)	0.010	**	(0.026)
U.S.-born non-White Latinx	-		-	-		-	-		-	-		-	-		-
Naturalized U.S. citizen non-White Latinx	0.052	***	(0.009)	0.056	***	(0.007)	0.058	***	(0.008)	0.057	***	(0.012)	0.055	**	(0.017)
Documented White Latinx	0.048	***	(0.009)	0.047	***	(0.007)	0.046	***	(0.009)	0.046	**	(0.013)	0.045	*	(0.018)
Documented non-White Latinx	-		-	-		-	-		-	-		-	-		-
Undocumented White Latinx	0.086	***	(0.011)	0.090	***	(0.008)	0.095	**	(0.010)	0.046	***	(0.015)	0.103	***	(0.022)
Undocumented non-White Latinx	0.072	***	(0.007)	0.085	***	(0.006)	0.098	***	(0.007)	0.104	*	(0.012)	0.129	***	(0.019)

Source: National Agricultural Workers Survey, 2005-2012; Correlates of State Policy Project

Note. ***p<0.001, **p<0.01, *p<0.05, †p<0.1. “Other barriers” estimates not shown for U.S.-born and documented non-White Latinx agricultural workers.

Table A3: Predicted probabilities of reporting barriers to health care utilization in the context of increasing accommodating policies

	Accommodating policies 0% of total			...25% of total			...50% of total			...75% of total			...100% of total		
<i>No barriers</i>															
U.S.-born White non-Latinx	0.585	***	(0.030)	0.622	***	(0.019)	0.658	***	(0.017)	0.692	***	(0.023)	0.723	***	(0.032)
U.S.-born non-White Latinx	0.463	***	(0.037)	0.510	***	(0.024)	0.557	***	(0.022)	0.602	***	(0.032)	0.646	***	(0.046)
Naturalized U.S. citizen non-White Latinx	0.348	***	(0.028)	0.408	***	(0.019)	0.469	***	(0.013)	0.530	***	(0.015)	0.591	***	(0.023)
Documented White Latinx	0.559	***	(0.036)	0.539	***	(0.024)	0.518	***	(0.015)	0.497	***	(0.018)	0.476	***	(0.029)
Documented non-White Latinx	0.495	***	(0.096)	0.524	***	(0.062)	0.532	***	(0.042)	0.530	***	(0.050)	0.524	***	(0.081)
Undocumented White Latinx	0.524	***	(0.029)	0.492	***	(0.019)	0.460	***	(0.013)	0.428	***	(0.016)	0.396	***	(0.025)
Undocumented non-White Latinx	0.364	***	(0.020)	0.378	***	(0.014)	0.392	***	(0.009)	0.405	***	(0.011)	0.419	***	(0.017)
<i>Material/information barriers</i>															
U.S.-born White non-Latinx	0.342	***	(0.030)	0.305	***	(0.019)	0.269	***	(0.017)	0.236	***	(0.023)	0.206	***	(0.030)
U.S.-born non-White Latinx	0.488	***	(0.038)	0.449	***	(0.024)	0.410	***	(0.023)	0.370	***	(0.033)	0.332	***	(0.046)
Naturalized U.S. citizen non-White Latinx	0.596	***	(0.029)	0.536	***	(0.020)	0.475	***	(0.013)	0.415	***	(0.015)	0.357	***	(0.022)
Documented White Latinx	0.404	***	(0.036)	0.420	***	(0.024)	0.437	***	(0.016)	0.453	***	(0.018)	0.469	***	(0.029)
Documented non-White Latinx	0.348	***	(0.098)	0.406	***	(0.064)	0.439	***	(0.043)	0.459	***	(0.051)	0.472	***	(0.081)
Undocumented White Latinx	0.383	***	(0.028)	0.415	***	(0.019)	0.448	***	(0.014)	0.481	***	(0.017)	0.515	***	(0.025)
Undocumented non-White Latinx	0.524	***	(0.022)	0.522	***	(0.014)	0.520	***	(0.010)	0.516	***	(0.012)	0.511	***	(0.018)
<i>Other barriers</i>															
U.S.-born White non-Latinx	0.073	***	(0.016)	0.073	***	(0.011)	0.073	***	(0.011)	0.072	***	(0.015)	0.070	**	(0.021)
U.S.-born non-White Latinx	-		-	-		-	-		-	-		-	-		-
Naturalized U.S. citizen non-White Latinx	0.05	***	(0.014)	0.056	***	(0.010)	0.055	***	(0.007)	0.054	***	(0.008)	0.052	***	(0.011)
Documented White Latinx	0.037	**	(0.013)	0.041	*	(0.010)	0.045	***	(0.007)	0.050	***	(0.008)	0.055	***	(0.013)
Documented non-White Latinx	-		-	-		-	-		-	-		-	-		-
Undocumented White Latinx	0.093	***	(0.016)	0.093	***	(0.011)	0.092	***	(0.008)	0.091	***	(0.009)	0.089	***	(0.013)
Undocumented non-White Latinx	0.111	***	(0.013)	0.099	***	(0.008)	0.089	***	(0.006)	0.079	***	(0.006)	0.070	***	(0.008)

Source: National Agricultural Workers Survey, 2005-2012; Correlates of State Policy Project

Note. ***p<0.001, **p<0.01, *p<0.05, †p<0.1. “Other barriers” estimates not shown for U.S.-born and documented non-White Latinx agricultural workers.

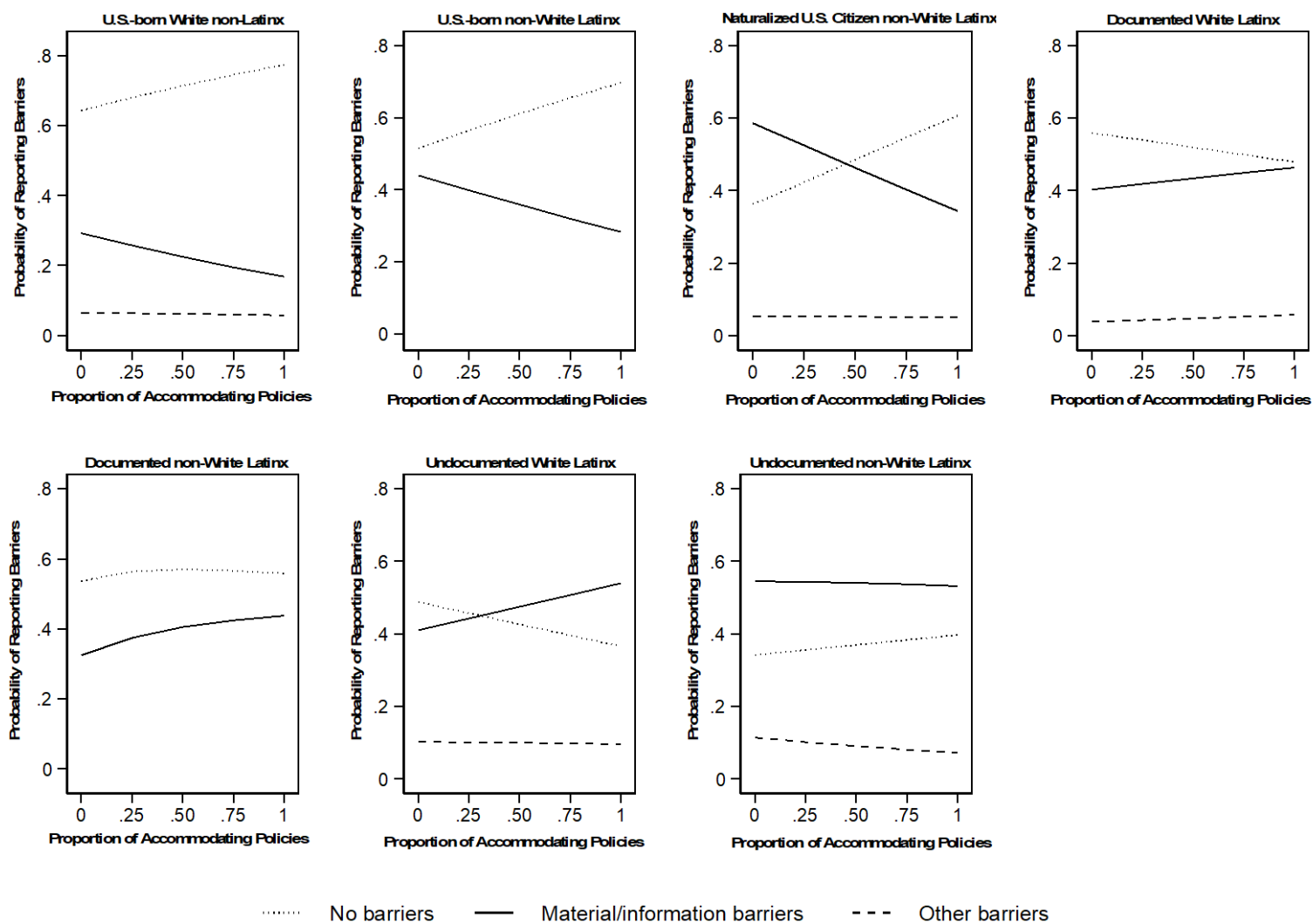


Figure A1: Respondent-reported barriers to care-seeking by proportion of accommodating policies in a state context