

## Appendix

<b>White</b> (n=19225)				<b>Non-White</b> (n=4365)		
<b>White_1 + White_2</b> (n=18867)		<b>White_3 + White and Black</b> (n=358)		<b>Non-White</b> (n=4365)		
<b>White_1<sup>1</sup></b> (n=18747)	<b>White_2<sup>2</sup></b> (n=120)	<b>White_3<sup>3</sup></b> (n=240)	<b>White and Black<sup>4</sup></b> (n=118)	<b>Non- White_1<sup>5</sup></b> (n=3845)	<b>Non- White_2<sup>6</sup></b> (n=180)	<b>Indigenous<sup>7</sup></b> (n=270)

**Table 1A: Three Versions of ‘White’ and ‘Non-White’ Coding**

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<sup>1</sup> White

<sup>2</sup> White + Latin American, Arab, West Asian

<sup>3</sup> White + South Asian, Chinese, Filipino, Southeast Asian, Korean, Japanese

<sup>4</sup> White + Black and another category

<sup>5</sup> Only one category

<sup>6</sup> Multiple categories

<sup>7</sup> Only one category

	W 3+ Gen	W 2nd Gen	W 1st Gen	W Non- Citizen	NW 3+ Gen	NW 2nd Gen	NW 1st Gen	NW Non- Citizen
N	13939	3363	1488	288	704	1375	1762	478
<b>Age(%)</b>								
18-30	7.6	10.3	23.0	3.1	5.7	0.5	3.0	1.1
30-65	63.2	69.0	64.7	58.0	55.9	35.6	63.7	28.5
65 and above	29.2	20.7	12.2	38.8	38.3	63.9	33.2	70.5
<b>Woman(%)</b>	53.7	48.4	47.2	56.7	42.1	55.9	48.5	55.5
<b>Employment(%)</b>								
Employed	54.7	53.3	46.7	61.1	61.6	66.6	68.9	69.4
Other	7.9	7.1	5.1	11.1	6.4	4.2	4.3	7.3
Retired	28.9	32.3	43.2	12.2	20.7	4.3	13.1	2.1
Student	4.9	3.5	2.4	4.9	5.9	18.2	7.6	9.4
Unemployed	3.8	3.9	2.6	10.8	5.4	6.7	6.1	11.7
<b>Above Median Income(%)</b>	38.8	42.7	39.7	35.2	36.5	45.5	42.2	22.4
<b>Parent(%)</b>	55.8	56.0	67.2	51.4	53.6	29.9	57.6	46.0
<b>University Degree(%)</b>	35.8	43.4	50.5	47.9	41.8	53.7	63.6	68.2
<b>Native Speaker(%)</b>	95.5	89.9	68.2	78.8	94.6	86.1	62.9	72.7
<b>Religion(%)</b>								
Jewish	1.2	2.8	6.0	2.8	2.0	0.8	0.9	0.4
Islam	0.2	0.5	1.0	1.4	2.0	7.1	13.0	13.4
Hindu	0.2	0.4	0.1	0.3	1.8	4.4	7.9	16.1
Sikh	0.0	0.1	0.1	0.3	1.0	3.6	2.4	6.3
<b>Race/Ethnicity(%)</b>								
Black					10	11	10	18
Latin American					2	5	8	6
Chinese					10	41	36	14
South Asian					6	17	23	35
Southeast Asian					1	7	4	6
Arab					2	4	5	4

Table 2-1A: Demographic and Socioeconomic Variables across Citizenship Categories (Version 1)

	W 3+ Gen	W 2nd Gen	W 1st Gen	W Non- Citizen	NW 3+ Gen	NW 2nd Gen	NW 1st Gen	NW Non- Citizen
N	13758	3231	1459	278	885	1507	1791	488
<b>Age(%)</b>								
18-30	7.5	10.6	23.4	3.3	6.3	0.7	3.0	1.0
30-65	63.3	70.6	64.7	58.7	55.9	35.3	63.7	28.7
65 and above	29.1	18.9	11.9	38.0	37.8	64.0	33.2	70.2
<b>Woman(%)</b>	53.6	47.7	47.0	56.0	45.5	56.8	48.7	55.9
<b>Employment(%)</b>								
Employed	54.6	53.0	46.5	61.2	60.6	65.9	68.6	69.2
Other	7.8	6.9	5.1	10.8	6.9	4.8	4.4	7.6
Retired	28.9	33.3	43.7	12.2	21.2	4.5	13.2	2.3
Student	4.8	2.9	2.2	4.7	6.1	18.1	7.7	9.4
Unemployed	3.8	3.8	2.5	11.2	5.1	6.6	6.1	11.5
<b>Above Median Income(%)</b>	38.8	42.4	39.7	34.4	37.6	45.7	42.2	23.1
<b>Parent(%)</b>	55.8	56.9	67.1	52.2	53.9	30.2	57.8	45.7
<b>University Degree(%)</b>	35.8	43.4	50.2	47.5	40.7	52.8	63.6	68.0
<b>Native Speaker(%)</b>	95.5	89.7	67.9	78.1	95.2	86.9	63.2	73.2
<b>Religion(%)</b>								
Jewish	1.2	2.9	6.0	2.9	1.7	0.8	0.9	0.4
Islam	0.2	0.5	0.9	1.4	1.7	6.6	12.9	13.1
Hindu	0.2	0.3	0.1	0.0	1.5	4.1	7.9	16.0
Sikh	0.0	0.0	0.1	0.0	0.8	3.3	2.4	6.4
<b>Race/Ethnicity(%)</b>								
Black					10	17	10	17
Latin American					2	5	8	6
Chinese					36	14	36	14
South Asian					10	17	24	35
Southeast Asian					1	7	4	6
Arab					2	4	5	4

Table 2-2A: Demographic and Socioeconomic Variables across Citizenship Categories (Version 2)

	W 3+ Gen	W 2nd Gen	W 1st Gen	W Non- Citizen	NW 3+ Gen	NW 2nd Gen	NW 1st Gen	NW Non- Citizen
N	13739	3183	1421	263	904	1555	1829	503
<b>Age(%)</b>								
18-30	7.6	10.7	24.0	3.4	6.1	0.7	3.0	1.0
30-65	63.4	71.1	64.8	59.8	55.3	35.3	63.7	29.1
65 and above	29.0	18.2	11.2	36.8	38.5	64.0	33.2	69.9
<b>Woman(%)</b>	53.6	47.3	47.0	55.4	45.6	57.4	48.7	56.2
<b>Employment(%)</b>								
Employed	54.6	52.8	45.8	60.5	60.6	66.0	68.7	69.3
Other	7.9	6.9	5.2	11.4	6.9	5.0	4.3	7.4
Retired	29.0	33.8	44.4	12.9	21.0	4.4	13.3	2.2
Student	4.8	2.8	2.2	4.2	6.4	18.0	7.6	9.6
Unemployed	3.8	3.8	2.3	11.0	5.1	6.6	6.2	11.6
<b>Above Median Income(%)</b>	38.8	42.4	39.9	34.8	37.5	45.6	42.0	23.3
<b>Parent(%)</b>	55.9	57.2	67.9	52.9	53.3	30.4	57.4	45.5
<b>University Degree(%)</b>	35.8	43.5	49.8	47.9	40.7	52.3	63.7	67.2
<b>Native Speaker(%)</b>	95.5	89.7	68.8	79.7	95.3	86.9	62.7	72.5
<b>Religion(%)</b>								
Jewish	1.2	2.9	6.2	3.0	1.8	0.8	0.9	0.4
Islam	0.2	0.4	0.7	1.1	1.8	6.5	12.8	12.9
Hindu	0.1	0.3	0.1	0.0	1.5	4.1	7.7	15.5
Sikh	0.0	0.0	0.1	0.0	0.8	3.2	2.4	6.2
<b>Race/Ethnicity(%)</b>								
Black					10	17	10	17
Latin American					9	8	9	8
Chinese					35	13	35	13
South Asian					10	17	23	34
Southeast Asian					1	7	4	6
Arab					5	5	5	5

Table 2-3A: Demographic and Socioeconomic Variables across Citizenship Categories (Version 3)

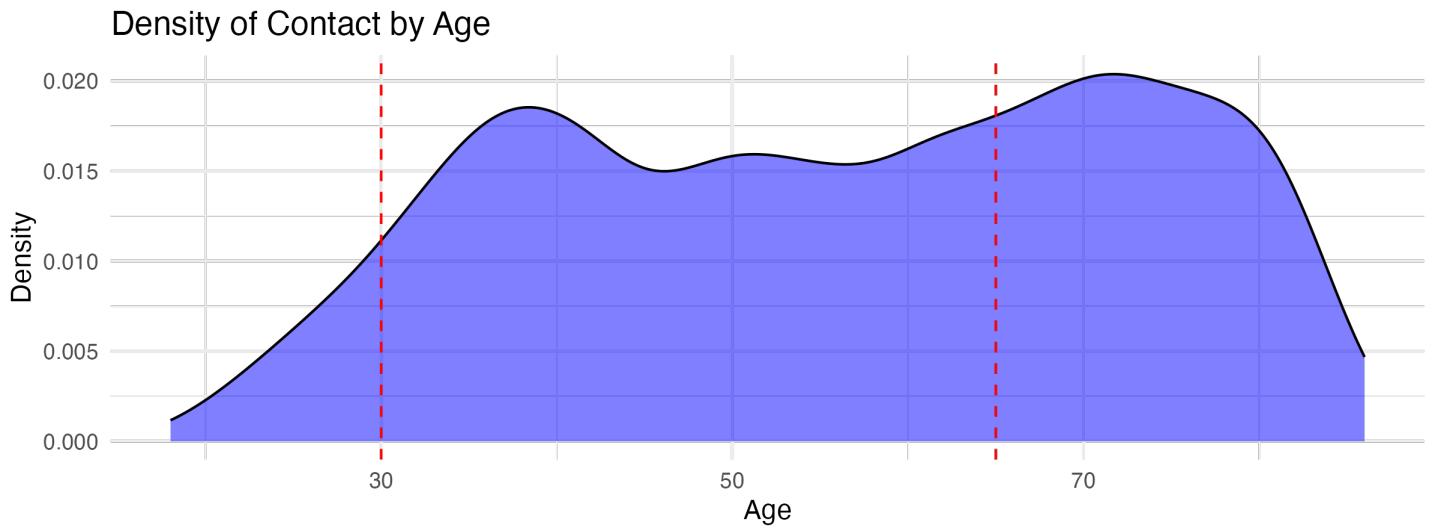


Figure 1-1A: Density Plot: Education

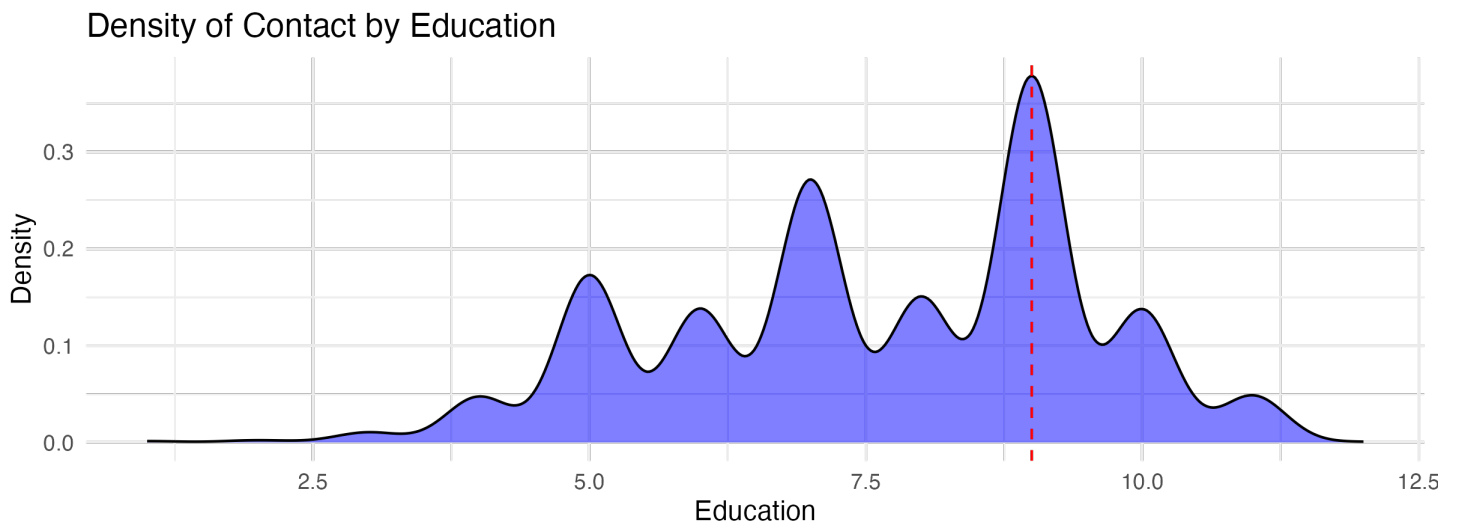


Figure 1-2A: Density Plot: Education

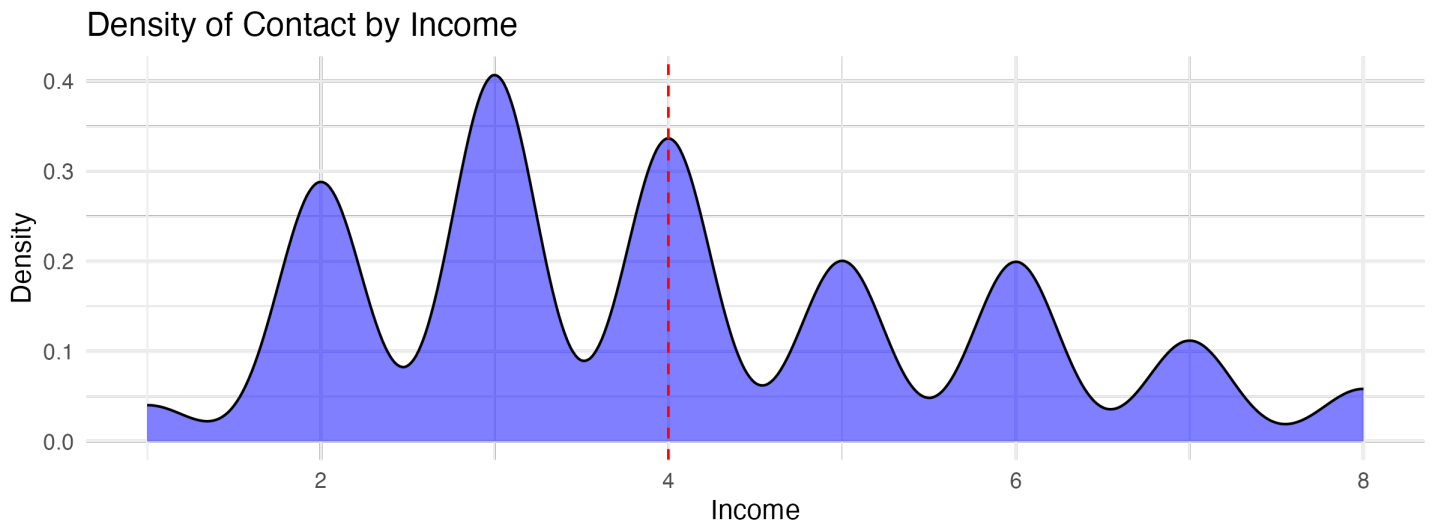


Figure 1-3A: Density Plot: Education

	Contact									Categories	All
	N1	N2	N3	N4	N5	C1	C2	N&C			
Age: 30-65	0.04*** (0.01)							0.03** (0.01)			0.03** (0.01)
65 and above	0.12*** (0.01)							0.12*** (0.01)			0.12*** (0.01)
Woman		0.01 (0.01)						-0.01 (0.01)			-0.01 (0.01)
Employment: Student			0.10*** (0.01)					0.07*** (0.02)			0.08*** (0.02)
Retired			-0.05*** (0.01)					-0.03*** (0.01)			-0.03*** (0.01)
Unemployed			0.13*** (0.02)					0.14*** (0.02)			0.14*** (0.02)
Other			0.07*** (0.01)					0.05*** (0.01)			0.05*** (0.01)
Income				-0.05*** (0.01)				-0.05*** (0.01)			-0.05*** (0.01)
Parent					0.02** (0.01)			0.07*** (0.01)			0.06*** (0.01)
University Degree						-0.00 (0.01)		0.01 (0.01)			0.01 (0.01)
Native Speaker							0.05*** (0.01)	0.05*** (0.01)			0.04*** (0.01)
Categories: White 2nd Gen										-0.01 (0.01)	0.01 (0.01)
White 1st Gen										-0.03* (0.01)	0.01 (0.01)
White Non-Citizen										0.01 (0.03)	-0.01 (0.03)
Non-White 3+ Gen										0.10*** (0.02)	0.09*** (0.02)
Non-White 2nd Gen										0.01 (0.01)	-0.03 (0.01)
Non-White 1st Gen										-0.02 (0.01)	-0.02 (0.01)
Non-White Non-Citizen										0.16*** (0.02)	0.10*** (0.02)
R <sup>2</sup>	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03
Adj. R <sup>2</sup>	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03
Num. obs.	23384	23439	23559	20486	23527	23584	23137	20006		23397	19856
RMSE	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43

\*\*\* $p < 0.001$ ; \*\* $p < 0.01$ ; \* $p < 0.05$ , Robust standard errors (HC2) in parentheses

Table 3-1A: OLS estimates using Contact (Version 2)

	Contact								Categories	All
	N1	N2	N3	N4	N5	C1	C2	N&C		
Age: 30-65	0.04*** (0.01)							0.03** (0.01)		0.03** (0.01)
65 and above	0.12*** (0.01)							0.12*** (0.01)		0.12*** (0.01)
Woman		0.01 (0.01)						-0.01 (0.01)		-0.01 (0.01)
Employment: Student			0.10*** (0.01)					0.07*** (0.02)		0.08*** (0.02)
Retired			-0.05*** (0.01)					-0.03*** (0.01)		-0.03*** (0.01)
Unemployed			0.13*** (0.02)					0.14*** (0.02)		0.14*** (0.02)
Other			0.07*** (0.01)					0.05*** (0.01)		0.05*** (0.01)
Income				-0.05*** (0.01)				-0.05*** (0.01)		-0.05*** (0.01)
Parent					0.02** (0.01)			0.07*** (0.01)		0.06*** (0.01)
University Degree						-0.00 (0.01)		0.01 (0.01)		0.01 (0.01)
Native Speaker							0.05*** (0.01)	0.05*** (0.01)		0.05*** (0.01)
Categories: White 2nd Gen									-0.00 (0.01)	0.01 (0.01)
White 1st Gen									-0.03** (0.01)	0.01 (0.01)
White Non-Citizen									0.01 (0.03)	-0.01 (0.03)
Non-White 3+ Gen									0.11*** (0.02)	0.10*** (0.02)
Non-White 2nd Gen									0.01 (0.01)	-0.02 (0.01)
Non-White 1st Gen									-0.02 (0.01)	-0.02 (0.01)
Non-White Non-Citizen									0.15*** (0.02)	0.10*** (0.02)
R <sup>2</sup>	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.03	0.01	0.03
Adj. R <sup>2</sup>	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.03	0.01	0.03
Num. obs.	23384	23439	23559	20486	23527	23584	23137	20006	23397	19856
RMSE	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43

\*\*\* $p < 0.001$ ; \*\* $p < 0.01$ ; \* $p < 0.05$ , Robust standard errors (HC2) in parentheses

Table 3-2A: OLS estimates using Contact (Version 3)

Citizenship Categories	3+ Gen	2nd Gen	1st Gen	Non-Citizen
White	24.87	24.39	21.93	25.54
Non-White	34.92	25.48	23.00	40.57

Table 4-1A: Proportion of Contact across Citizenship Categories (Version 2)

Citizenship Categories	3+ Gen	2nd Gen	1st Gen	Non-Citizen
White	24.83	24.41	21.60	25.86
Non-White	35.29	25.40	23.24	39.96

Table 4-2A: Proportion of Contact across Citizenship Categories (Version 3)

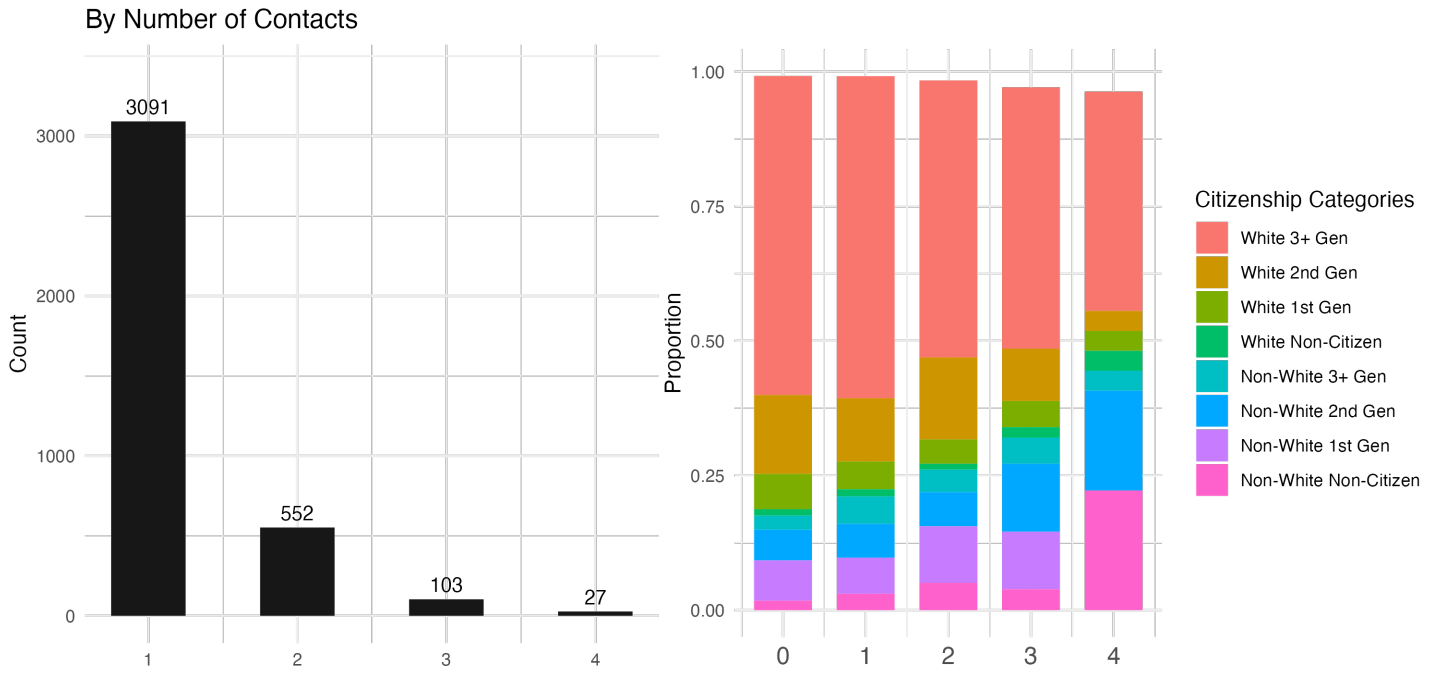


Figure 2A: Histogram and Proportion of Citizenship Categories by Number of Contacts (Year 2022 and 2023) (Version 1)



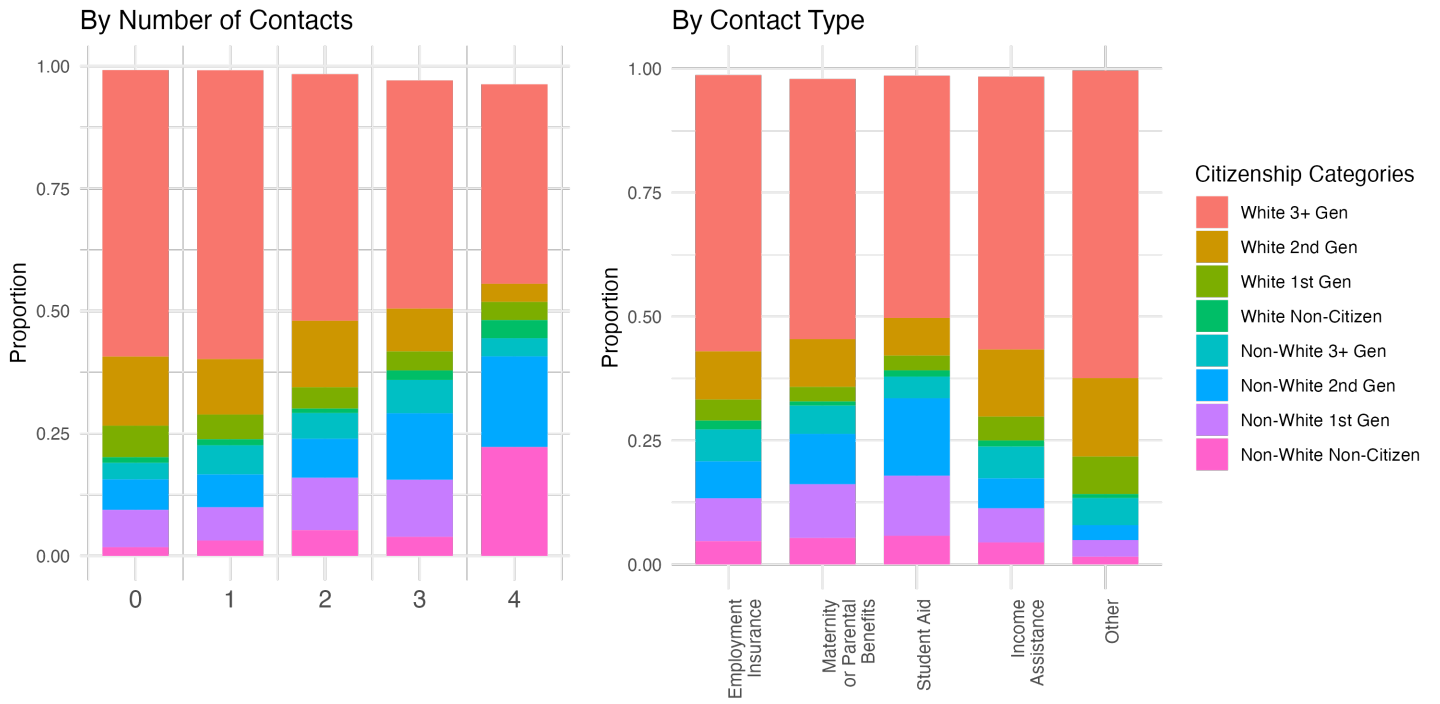


Figure 3-1A: Proportion of Citizenship Categories by Number of Contacts and by Contact Type (Year 2022 and 2023) (Version 2)

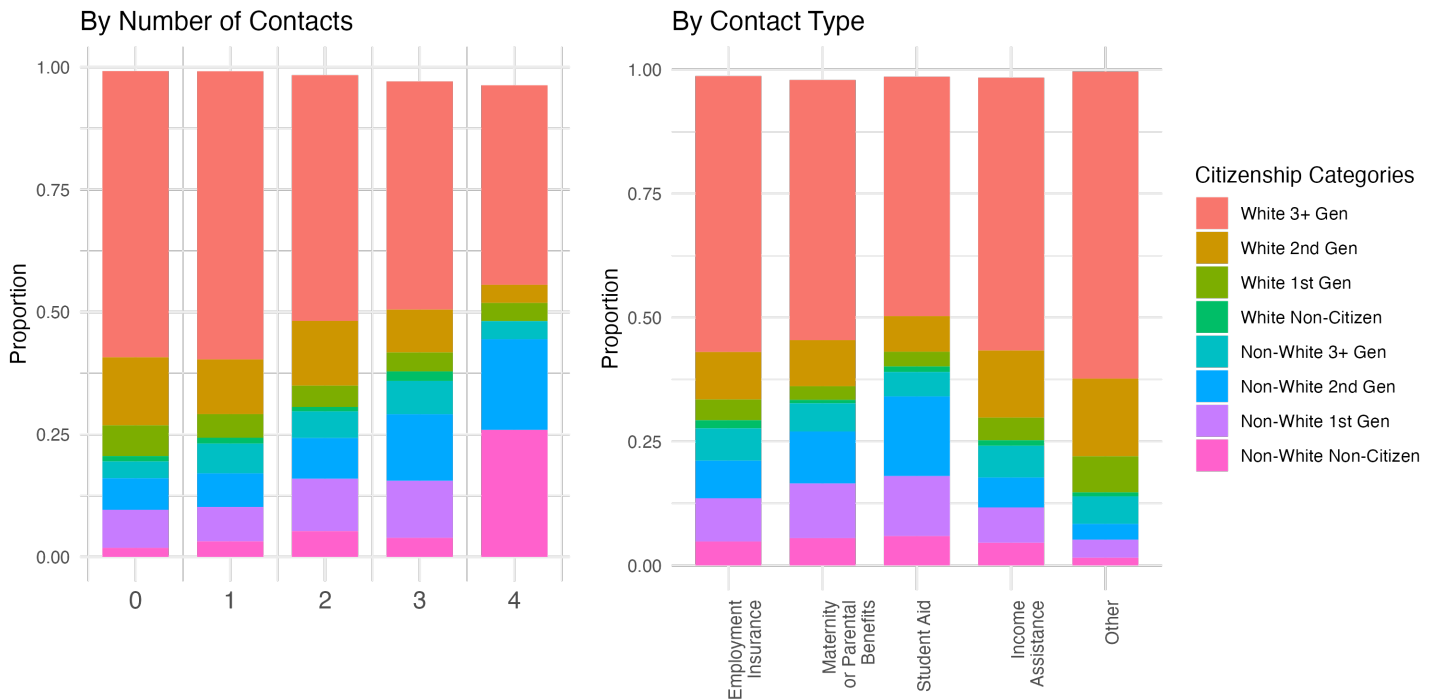


Figure 3-2A: Proportion of Citizenship Categories by Number of Contacts and by Contact Type (Year 2022 and 2023) (Version 3)

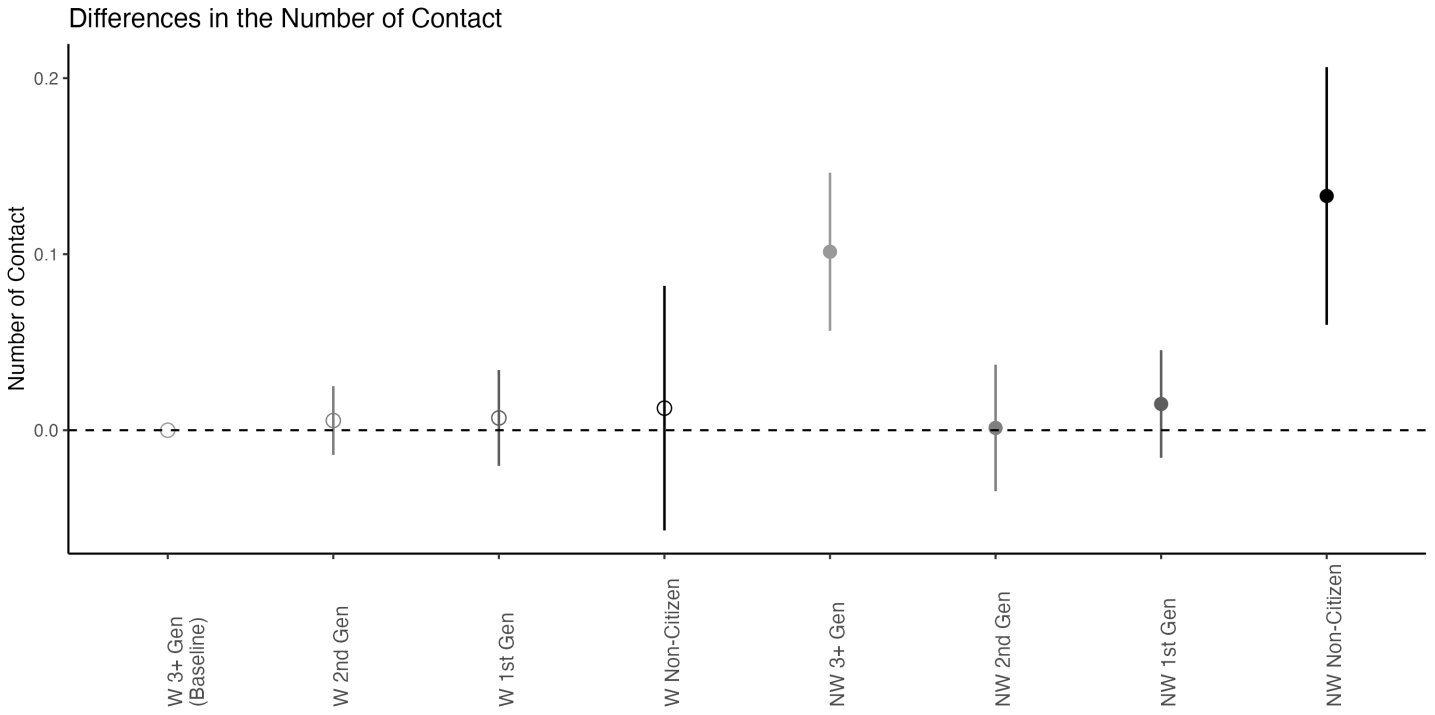


Figure 4-1A: Differences in the Number of Contact (controlling for seven variables) (Version 1)

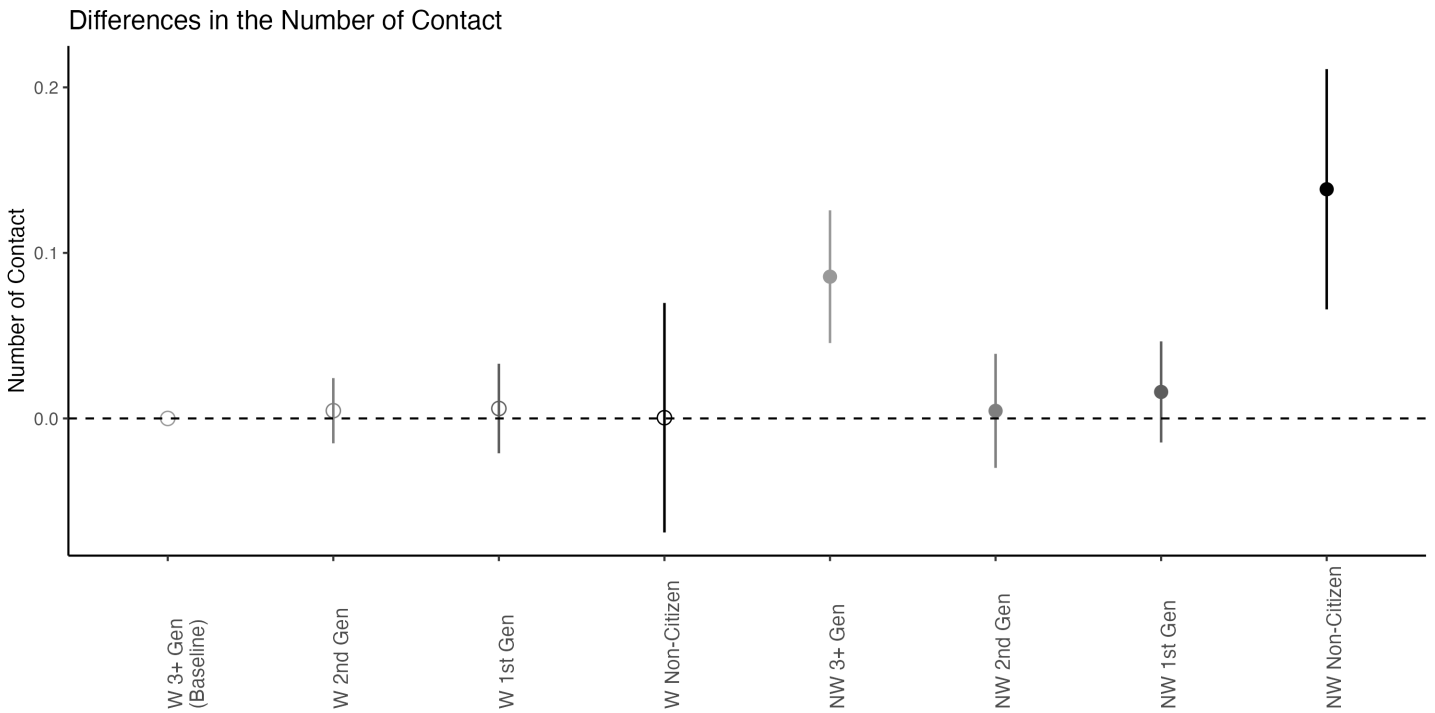


Figure 4-2A: Differences in the Number of Contact (controlling for seven variables) (Version 2)

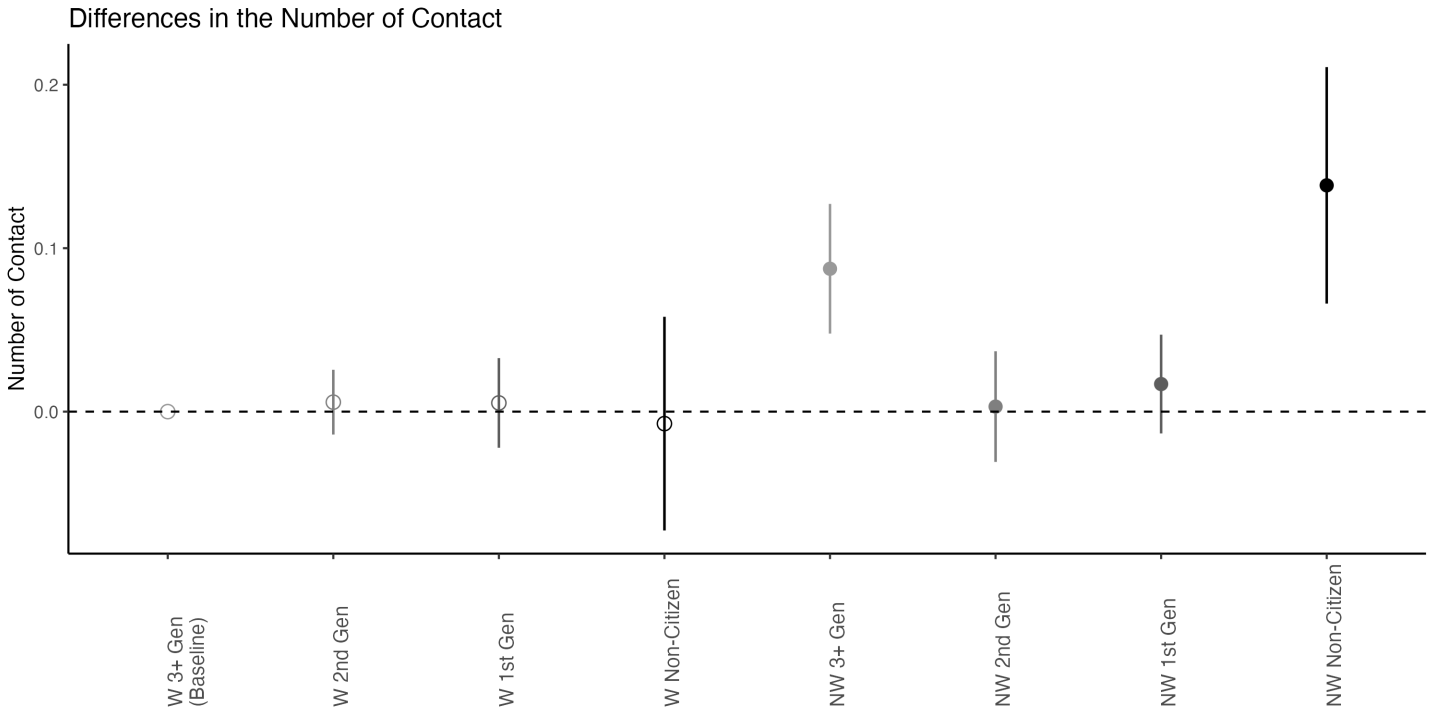


Figure 4-3A: Differences in the Number of Contact (controlling for seven variables) (Version 3)

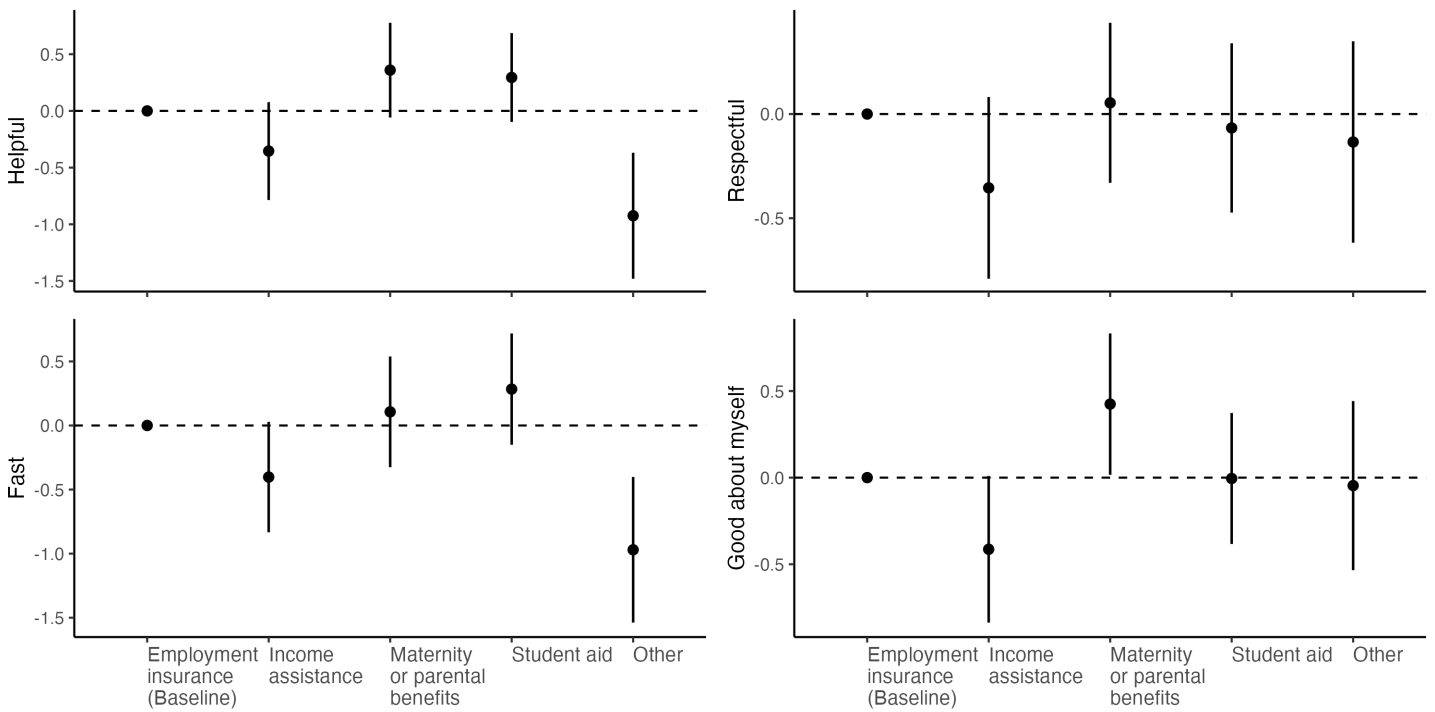


Figure 5A: Relationship between Contact Type and Experience

Citizenship Categories	W 3+ Gen	W 2nd Gen	W 1st Gen	W Non-Citizen	NW 3+ Gen	NW 2nd Gen	NW 1st Gen	NW Non-Citizen
Helpful	4.44	4.31	4.49	4.55	4.04	4.24	4.42	4.84
Respectful	5.13	5.00	5.27	5.01	4.60	4.69	4.82	4.98
Fast	3.83	3.85	3.96	3.71	3.60	3.82	3.87	4.18
Good about myself	4.59	4.55	4.65	4.61	4.01	4.31	4.42	4.51

Table 5-1A: Average Experience Level across Citizenship Categories (Version 1)

Citizenship Categories	W 3+ Gen	W 2nd Gen	W 1st Gen	W Non-Citizen	NW 3+ Gen	NW 2nd Gen	NW 1st Gen	NW Non-Citizen
Helpful	4.44	4.27	4.50	4.70	4.10	4.33	4.41	4.78
Respectful	5.13	4.98	5.29	5.12	4.65	4.77	4.82	4.94
Fast	3.83	3.82	3.97	3.72	3.67	3.88	3.86	4.16
Good about myself	4.59	4.52	4.66	4.69	4.07	4.40	4.41	4.49

Table 5-2A: Average Experience Level across Citizenship Categories (Version 2)

Citizenship Categories	W 3+ Gen	W 2nd Gen	W 1st Gen	W Non-Citizen	NW 3+ Gen	NW 2nd Gen	NW 1st Gen	NW Non-Citizen
Helpful	4.44	4.26	4.49	4.67	4.12	4.35	4.42	4.79
Respectful	5.13	4.97	5.28	5.09	4.63	4.79	4.83	4.95
Fast	3.83	3.81	3.99	3.66	3.66	3.89	3.85	4.17
Good about myself	4.59	4.51	4.68	4.70	4.07	4.42	4.41	4.48

Table 5-3A: Average Experience Level across Citizenship Categories (Version 3)

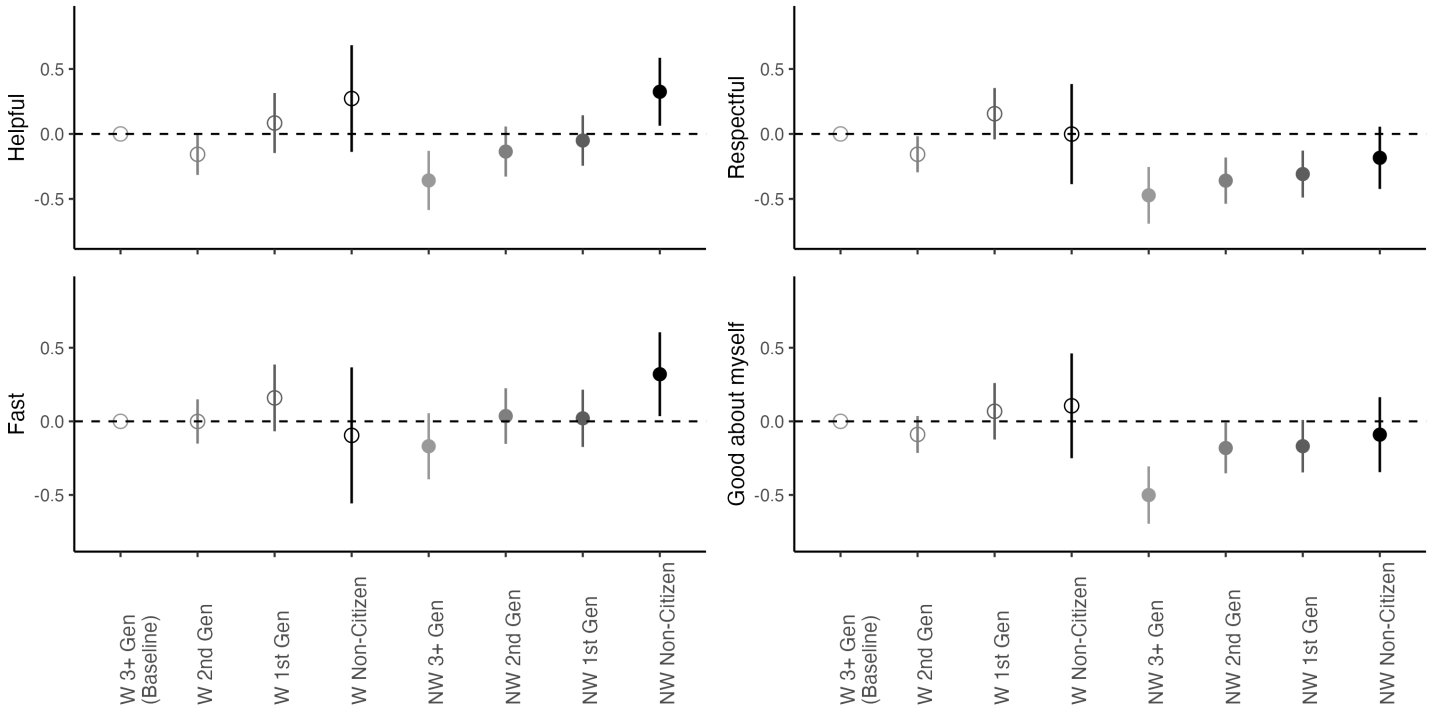


Figure 6-1A: Differences in the Average Experience Level across Citizenship Categories (Version 2)

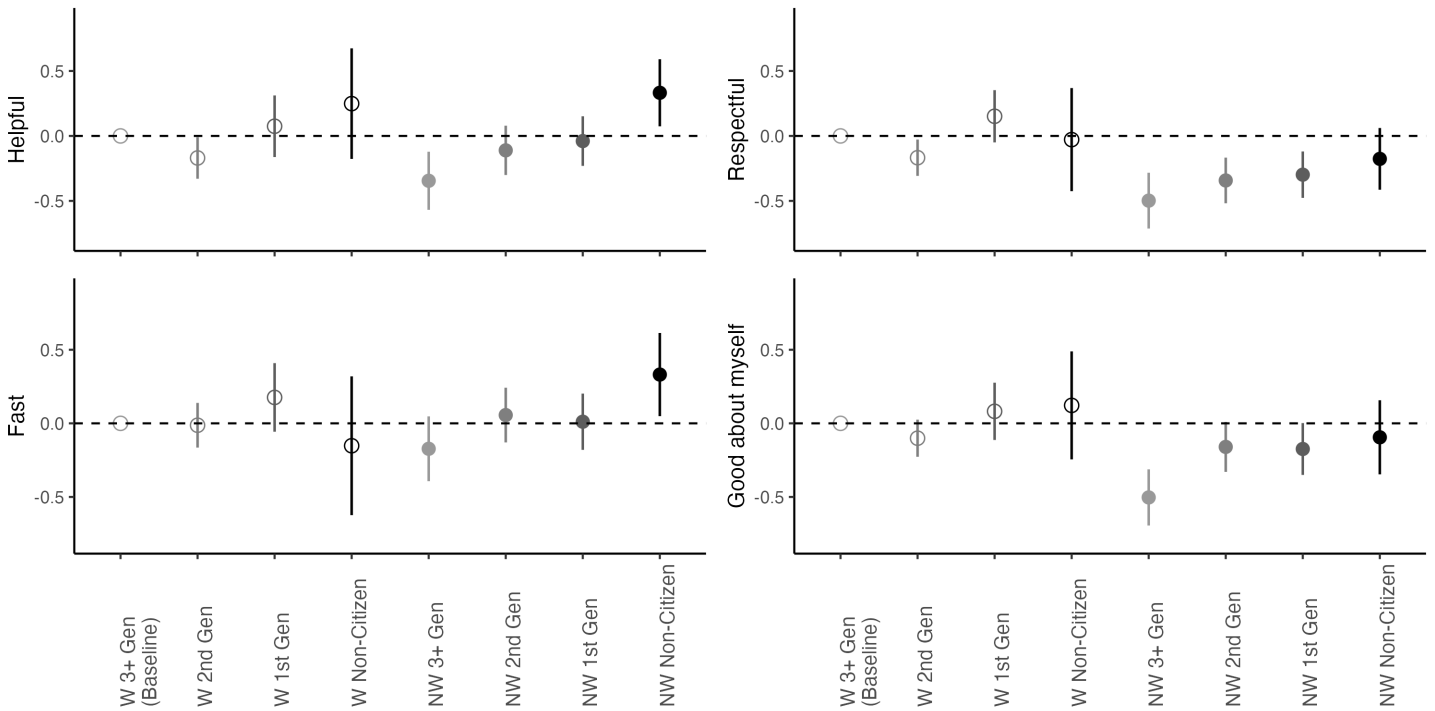


Figure 6-2A: Differences in the Average Experience Level across Citizenship Categories (Version 3)

	Helpful	Respectful	Fast	Good about myself
Categories: White 2nd Gen	-0.21*	-0.17*	-0.06	-0.10
	(0.09)	(0.08)	(0.08)	(0.07)
White 1st Gen	-0.01	0.01	0.14	-0.04
	(0.13)	(0.11)	(0.13)	(0.11)
White Non-Citizen	0.17	-0.13	-0.09	0.09
	(0.24)	(0.22)	(0.25)	(0.20)
Non-White 3+ Gen	-0.38**	-0.51***	-0.23	-0.54***
	(0.13)	(0.13)	(0.13)	(0.11)
Non-White 2nd Gen	-0.27*	-0.47***	-0.02	-0.23*
	(0.11)	(0.11)	(0.11)	(0.10)
Non-White 1st Gen	-0.03	-0.36***	0.10	-0.16
	(0.11)	(0.10)	(0.11)	(0.10)
Non-White Non-Citizen	0.33*	-0.17	0.41*	-0.02
	(0.15)	(0.14)	(0.16)	(0.14)
Age: 30-65	-0.13	-0.22	0.04	0.05
	(0.13)	(0.11)	(0.14)	(0.10)
65 and above	-0.10	-0.32*	0.03	0.01
	(0.15)	(0.13)	(0.15)	(0.12)
Woman	0.07	0.10	-0.05	0.09
	(0.06)	(0.05)	(0.06)	(0.05)
Employment: Student	0.13	0.14	0.16	-0.01
	(0.10)	(0.09)	(0.11)	(0.09)
Retired	0.05	0.04	0.10	0.30***
	(0.09)	(0.08)	(0.09)	(0.07)
Unemployed	-0.05	-0.29**	-0.08	-0.22*
	(0.12)	(0.11)	(0.12)	(0.11)
Other	-0.09	-0.10	-0.16	-0.18
	(0.11)	(0.10)	(0.11)	(0.09)
Income	0.13*	0.19***	0.01	0.19***
	(0.06)	(0.05)	(0.06)	(0.05)
Parent	0.03	0.03	0.01	0.03
	(0.06)	(0.05)	(0.06)	(0.05)
University Degree	0.04	0.03	0.06	0.04
	(0.06)	(0.05)	(0.06)	(0.05)
Native Speaker	-0.04	-0.25**	0.11	-0.08
	(0.10)	(0.09)	(0.10)	(0.09)
R <sup>2</sup>	0.02	0.02	0.01	0.02
Adj. R <sup>2</sup>	0.01	0.02	0.00	0.02
Num. obs.	4928	4908	4919	4909
RMSE	1.97	1.73	1.95	1.66

\*\*\* $p < 0.001$ ; \*\* $p < 0.01$ ; \* $p < 0.05$

Table 6-1A: OLS estimates using Experience (Version 1)

	Model 1	Model 2	Model 3	Model 4
Categories: White 2nd Gen	-0.26**	-0.21**	-0.09	-0.15*
	(0.09)	(0.08)	(0.09)	(0.07)
White 1st Gen	-0.00	0.02	0.16	-0.03
	(0.13)	(0.11)	(0.13)	(0.11)
White Non-Citizen	0.35	-0.01	-0.08	0.19
	(0.24)	(0.22)	(0.27)	(0.21)
Non-White 3+ Gen	-0.35**	-0.46***	-0.16	-0.46***
	(0.12)	(0.12)	(0.12)	(0.10)
Non-White 2nd Gen	-0.19	-0.38***	0.04	-0.13
	(0.11)	(0.10)	(0.11)	(0.10)
Non-White 1st Gen	-0.05	-0.36***	0.09	-0.17
	(0.11)	(0.10)	(0.11)	(0.10)
Non-White Non-Citizen	0.26	-0.21	0.39*	-0.04
	(0.15)	(0.13)	(0.16)	(0.14)
Age: 30-65	-0.14	-0.23*	0.04	0.04
	(0.13)	(0.12)	(0.14)	(0.10)
65 and above	-0.11	-0.33*	0.02	0.00
	(0.15)	(0.13)	(0.15)	(0.12)
Woman	0.07	0.10*	-0.05	0.09
	(0.06)	(0.05)	(0.06)	(0.05)
Employment: Student	0.13	0.14	0.16	-0.02
	(0.10)	(0.09)	(0.11)	(0.09)
Retired	0.05	0.04	0.10	0.30***
	(0.09)	(0.08)	(0.09)	(0.07)
Unemployed	-0.05	-0.29**	-0.07	-0.22*
	(0.12)	(0.11)	(0.12)	(0.11)
Other	-0.09	-0.10	-0.16	-0.18
	(0.11)	(0.10)	(0.11)	(0.09)
Income	0.13*	0.19***	0.01	0.19***
	(0.06)	(0.05)	(0.06)	(0.05)
Parent	0.03	0.04	0.02	0.03
	(0.06)	(0.05)	(0.06)	(0.05)
University Degree	0.04	0.02	0.06	0.04
	(0.06)	(0.05)	(0.06)	(0.05)
Native Speaker	-0.03	-0.25**	0.11	-0.08
	(0.10)	(0.09)	(0.10)	(0.09)
R <sup>2</sup>	0.02	0.02	0.01	0.02
Adj. R <sup>2</sup>	0.01	0.02	0.00	0.02
Num. obs.	4928	4908	4919	4909
RMSE	1.97	1.73	1.95	1.66

\*\*\*  $p < 0.001$ ; \*\*  $p < 0.01$ ; \*  $p < 0.05$

Table 6-2A: OLS estimates using Experience (Version 2)

	Model 1	Model 2	Model 3	Model 4
Categories: White 2nd Gen	-0.27**	-0.22**	-0.11	-0.16*
	(0.09)	(0.08)	(0.09)	(0.07)
White 1st Gen	-0.01	0.03	0.18	-0.01
	(0.14)	(0.11)	(0.13)	(0.11)
White Non-Citizen	0.33	-0.04	-0.15	0.21
	(0.25)	(0.23)	(0.27)	(0.22)
Non-White 3+ Gen	-0.33**	-0.47***	-0.17	-0.46***
	(0.12)	(0.12)	(0.12)	(0.10)
Non-White 2nd Gen	-0.16	-0.36***	0.07	-0.11
	(0.11)	(0.10)	(0.11)	(0.10)
Non-White 1st Gen	-0.04	-0.37***	0.07	-0.18
	(0.11)	(0.10)	(0.11)	(0.10)
Non-White Non-Citizen	0.27	-0.20	0.41**	-0.05
	(0.15)	(0.13)	(0.16)	(0.14)
Age: 30-65	-0.14	-0.23*	0.04	0.05
	(0.13)	(0.12)	(0.14)	(0.10)
65 and above	-0.11	-0.33*	0.02	0.00
	(0.15)	(0.13)	(0.15)	(0.12)
Woman	0.07	0.10*	-0.05	0.09
	(0.06)	(0.05)	(0.06)	(0.05)
Employment: Student	0.13	0.14	0.16	-0.01
	(0.10)	(0.09)	(0.10)	(0.09)
Retired	0.05	0.04	0.10	0.30***
	(0.09)	(0.08)	(0.09)	(0.07)
Unemployed	-0.05	-0.29**	-0.07	-0.22*
	(0.12)	(0.11)	(0.12)	(0.11)
Other	-0.09	-0.10	-0.17	-0.18
	(0.11)	(0.10)	(0.11)	(0.09)
Income	0.13*	0.19***	0.01	0.19***
	(0.06)	(0.05)	(0.06)	(0.05)
Parent	0.03	0.03	0.02	0.03
	(0.06)	(0.05)	(0.06)	(0.05)
University Degree	0.04	0.02	0.06	0.04
	(0.06)	(0.05)	(0.06)	(0.05)
Native Speaker	-0.03	-0.25**	0.11	-0.08
	(0.10)	(0.09)	(0.10)	(0.09)
R <sup>2</sup>	0.02	0.02	0.01	0.02
Adj. R <sup>2</sup>	0.01	0.02	0.01	0.02
Num. obs.	4928	4908	4919	4909
RMSE	1.97	1.73	1.95	1.66

\*\*\*  $p < 0.001$ ; \*\*  $p < 0.01$ ; \*  $p < 0.05$

Table 6-3A: OLS estimates using Experience (Version 3)