

Appendix A. Question Wording

Turnout

Did you happen to vote in the last Federal election in [election year]?

Yes / No

Group ID

Do you identify as any of the following?

White / Asian / Black / Indigenous / Latino / Arab Middle-Eastern

Age

In what year were you born?

Woman

Are you...?

Man / Woman

University

Bachelor's degree and above / Some university and below

Married

Are you presently married, living with a partner, divorced, separated, widowed, or have you never been married?

Married or Living with a partner / Other

Employed

What is your employment status? Are you currently...

Currently employed / Other

Income

What was your total household income, before taxes, for the [year of survey]? Be sure to include income from all sources, to the nearest thousand dollars.

Property

Do you or a member of your household own a residence (for example, a home or an apartment), own a business (for example, a piece of property, a farm, or livestock), have stocks or bonds, or have savings?

Any of them / None of these

Political Interest

How interested are you in politics generally? Set the slider to a number from 0 to 10, where 0 means no interest at all, and 10 means a great deal of interest.

Political Knowledge

We would like to see how widely known some political figures are. Please answer off the top of

your head without checking online.

Do you happen to recall the name of the Premier of your Province?

What is the name of the federal Minister of Finance?

What is the name of the Governor-General of Canada?

Party ID

How strongly [party] do you feel?

Very strongly / Fairly strongly / Not very strongly / do not feel close to any party

Institutional Trust

Please indicate how much confidence you have in the following:

The federal government / Your provincial or territorial government / The media

A great deal / Quite a lot / Not very much / None at all

Generalized Trust

Generally speaking would you say that most people can be trusted, or that you need to be very careful when dealing with people?

Most people can be trusted / You need to be very careful when dealing with people

Internal Efficacy

Sometimes, politics and government seem so complicated that a person like me can't really understand what's going on.

Strongly disagree / Somewhat disagree / Somewhat agree / Strongly agree

External Efficacy

People like me don't have any say about what the government does.

Strongly disagree / Somewhat disagree / Somewhat agree / Strongly agree

Religiosity

Please indicate your religion, if you have one?

Don't have a religion / Have a religion

[If yes,] In your life, you would say religion is:

Very important / Somewhat important / Not very important / Not important at all

Civic Engagement

Please indicate how many times you've been active in another group or organization (e.g. local organization, church, arts or hobby group, women's group) over the past 12 months.

Never / Just once / A few times / More than five times

Party Membership

Have you ever been a member of a provincial or federal political party?

Yes / No

Importance of Ethnicity

How important is your ethnicity to your identity?

Not important at all / Not very important / Fairly important / Very important

Immigration Status

Respondent born outside Canada / Either parent born outside Canada / Both parents born inside Canada

Canadian ID

How important is being Canadian to your identity?

Not important at all / Not very important / Fairly important / Very important

Appendix B. Summary Statistics

Table B1. Summary Statistics of Variables

	N	Mean	S.D.	Min.	Max.
Turnout	36404	0.90	0.30	0.00	1.00
Group ID	36404	1.24	0.75	1.00	6.00
Age	36404	4.11	1.60	1.00	6.00
Woman	36404	0.50	0.50	0.00	1.00
University	36404	0.53	0.50	0.00	1.00
Married	36404	0.63	0.48	0.00	1.00
Employed	36404	0.55	0.50	0.00	1.00
Income	36404	0.47	0.24	0.00	1.00
Property	36404	0.73	0.45	0.00	1.00
Political Interest	36404	0.65	0.25	0.00	1.00
Political Knowledge	36404	0.78	0.24	0.00	1.00
Party ID	36404	0.87	0.34	0.00	1.00
Institutional Trust	36404	0.49	0.21	0.00	1.00
Generalized Trust	36404	0.47	0.50	0.00	1.00
Internal Efficacy	36404	0.51	0.30	0.00	1.00
External Efficacy	36404	0.48	0.32	0.00	1.00
Religiosity	36404	0.42	0.36	0.00	1.00
Civic Engagement	36404	0.28	0.38	0.00	1.00
Party Membership	36404	0.20	0.40	0.00	1.00
Attach. to Ethnicity	36404	0.60	0.32	0.00	1.00
Immigration Status	36404	1.47	0.72	1.00	3.00
Canadian ID	36404	0.70	0.25	0.00	1.00

Data: Canadian Election Study and Democracy Checkup.

Appendix C. Factor Analysis

Table C1. Factor Loadings of Institutional Trust

	Factor loadings
1. The federal government	0.815
2. Your provincial or territorial government	0.705
3. The media	0.781

N = 36,147, Cronbach's alpha = 0.651, % of total variance explained = 59.0%

Note: Principal component factor analysis.

Appendix D. Predictive Models of Turnout

Table D1. Predictive Model of Turnout (LPM)

	Baseline	Full
Group ID (Ref.: White)		
Asian	-0.066*** (0.018)	-0.024 (0.016)
Indigenous	-0.108*** (0.023)	-0.056** (0.016)
Black	-0.164*** (0.037)	-0.108** (0.031)
Arab/Middle East	-0.075** (0.023)	-0.027 (0.014)
Latino	-0.022 (0.024)	0.019 (0.016)
<i>Socioeconomics</i>		
Age Group (Ref.: 65+)		
18-24		-0.096*** (0.023)
25-34		-0.063*** (0.014)
35-44		-0.059*** (0.010)
45-54		-0.045*** (0.009)
55-64		-0.023*** (0.005)
Woman		0.022*** (0.005)
University		0.021** (0.006)
Married		0.008* (0.004)
Employed		0.020*** (0.005)
Income		0.039* (0.017)
Property		0.035*** (0.005)
<i>Psychological Engagement</i>		
Political Interest		0.183*** (0.009)
Political Knowledge		0.124*** (0.029)
Party ID		0.152*** (0.014)
Internal Efficacy		-0.005 (0.008)
External Efficacy		0.033*** (0.007)
Institutional Trust		-0.002 (0.015)
Generalized Trust		0.012*** (0.003)
<i>Mobilization and Embeddedness</i>		
Religion		-0.005

Civic Engagement		(0.006) 0.017***
Party Membership		(0.004) -0.021*
Immigration Status (Ref. Non Immigrant)		(0.008)
Second Generation		-0.007 (0.005)
First Generation		-0.011 (0.009)
Canadian ID		0.047*** (0.008)
Importance of Ethnicity		-0.006 (0.005)
Survey FE	Yes	Yes
Province FE	Yes	Yes
Observations	36404	36404
R^2	0.014	0.138

Notes: Entries are linear probability regression coefficients. Robust standard errors clustered on provinces and surveys are in parentheses. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table D2. Predictive Model of Turnout (Logit)

	Baseline	Full
Group ID (Ref.: White)		
Asian	-0.067*** (0.019)	-0.020 (0.013)
Indigenous	-0.108*** (0.019)	-0.035** (0.011)
Black	-0.163*** (0.034)	-0.073** (0.024)
Arab/Middle East	-0.075*** (0.022)	-0.020* (0.009)
Latino	-0.022 (0.022)	0.018 (0.013)
<i>Socioeconomics</i>		
Age Group (Ref.: 65+)		
18-24		-0.090*** (0.017)
25-34		-0.072*** (0.012)
35-44		-0.065*** (0.008)
45-54		-0.049*** (0.007)
55-64		-0.029*** (0.005)
Woman		0.018*** (0.004)
University		0.022*** (0.005)
Married		0.008* (0.003)
Employed		0.014** (0.004)
Income		0.042* (0.018)
Property		0.026*** (0.004)
<i>Psychological Engagement</i>		
Political Interest		0.129*** (0.005)
Political Knowledge		0.095*** (0.016)
Party ID		0.088*** (0.004)
Internal Efficacy		0.010 (0.010)
External Efficacy		0.037*** (0.008)
Institutional Trust		-0.008 (0.013)
Generalized Trust		0.013*** (0.003)
<i>Mobilization and Embeddedness</i>		
Religiosity		-0.006 (0.006)
Civic Engagement		0.023*** (0.005)

Party Membership		-0.011
		(0.010)
Immigration (Ref.: Non-immigrant)		ref.
Second Generation		-0.006
		(0.005)
First Generation		-0.015
		(0.009)
Canadian ID		0.040***
		(0.007)
Attach. to Ethnicity		-0.008
		(0.005)
Survey FE	Yes	Yes
Province FE	Yes	Yes
Observations	36403	36403

Notes: Entries are predicted probabilities from logit models. Robust standard errors clustered on provinces and surveys are in parentheses. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Appendix E. Exploring Immigration effect on Participation

Table E1. Immigration effect on participation among Asians and Blacks.

	Asian Baseline	Asian Full	Black Baseline	Black Full
<i>Immigration (Ref.: Second Generation)</i>				
Non-immigrant	0.012 (0.032)	-0.008 (0.037)	0.107 (0.054)	0.036 (0.053)
First Generation	0.024 (0.017)	-0.005 (0.018)	0.085* (0.038)	-0.034 (0.032)
<i>Socioeconomics</i>				
<i>Age Group (Ref.: 65+)</i>				
18-24		-0.070 (0.036)		-0.236** (0.071)
25-34		-0.053 (0.040)		-0.276*** (0.056)
35-44		-0.038 (0.026)		-0.184* (0.079)
45-54		0.017 (0.019)		-0.112* (0.053)
55-64		-0.000 (0.021)		-0.119* (0.053)
Woman		0.019 (0.024)		0.022 (0.040)
University		0.019 (0.030)		0.076 (0.051)
Married		0.012 (0.020)		-0.036 (0.030)
Employed		0.015 (0.013)		0.181*** (0.039)
Income		0.017 (0.045)		0.033 (0.113)
Property		0.029 (0.024)		0.091* (0.038)
<i>Psychological Engagement</i>				
Political Interest		0.245*** (0.050)		0.154 (0.141)
Political Knowledge		0.152* (0.058)		0.110 (0.110)
Party ID		0.153*** (0.039)		0.305** (0.089)
Internal Efficacy		-0.017 (0.018)		0.039 (0.055)
External Efficacy		0.087** (0.027)		0.136 (0.085)
Institutional Trust		-0.075 (0.040)		0.080 (0.114)
Generalized Trust		0.000 (0.014)		0.010 (0.052)
<i>Mobilization and Embeddedness</i>				
Religiosity		0.014 (0.016)		-0.025 (0.084)
Civic Engagement		0.022 (0.029)		-0.005 (0.060)
Party Membership		-0.057** (0.017)		-0.012 (0.050)

Canadian ID		0.072		0.004
		(0.044)		(0.101)
Attach. to Ethnicity		-0.022		-0.019
		(0.026)		(0.100)
Survey FE	Yes	Yes	Yes	Yes
Province FE	Yes	Yes	Yes	Yes
Observations	3274	3274	525	525
R^2	0.013	0.123	0.075	0.294

Notes: Entries are linear probability regression coefficients. Robust standard errors clustered on provinces and surveys are in parentheses. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table E2. Decomposition of the Participation Gap on the Black Population

	Non-immigrant	First Generation
<i>Socioeconomics</i>	<i>0.056*</i> <i>(0.024)</i>	<i>0.068**</i> <i>(0.023)</i>
Age	0.032* (0.015)	0.072*** (0.021)
Woman	-0.006 (0.011)	-0.003 (0.004)
University	-0.006 (0.006)	-0.001 (0.004)
Married	-0.008 (0.009)	-0.007 (0.008)
Employed	0.025 (0.013)	-0.005 (0.008)
Income	0.002 (0.005)	0.001 (0.004)
Property	0.016 (0.009)	0.010 (0.006)
<i>Psychological Engagement</i>	<i>0.014</i> <i>(0.024)</i>	<i>0.053**</i> <i>(0.017)</i>
Political Interest	0.009 (0.007)	0.010 (0.006)
Political Knowledge	-0.006 (0.006)	0.008 (0.006)
Party ID	0.014 (0.015)	0.022 (0.011)
Internal Efficacy	-0.002 (0.003)	0.001 (0.002)
External Efficacy	-0.009 (0.007)	0.008 (0.006)
Institutional Trust	0.006 (0.006)	0.004 (0.005)
Generalized Trust	0.002 (0.008)	0.001 (0.004)
<i>Mobilization and Embeddedness</i>	<i>0.002</i> <i>(0.008)</i>	<i>-0.003</i> <i>(0.007)</i>
Religiosity	0.001 (0.002)	-0.003 (0.005)
Civic Engagement	-0.000 (0.002)	-0.000 (0.002)
Party Membership	-0.001 (0.002)	0.000 (0.000)
Canadian ID	0.000 (0.006)	0.000 (0.003)
Importance of Ethnicity	0.001 (0.005)	-0.000 (0.001)
<i>Total Effect</i>	<i>0.071*</i> <i>(0.036)</i>	<i>0.119***</i> <i>(0.029)</i>
Observations	525	525

Notes: This table presents results from Gelbach's conditional decomposition analysis. Entries are interpreted as the absolute contribution of each variable to the observed change in the estimated participation gap between each minority group and the White majority from the baseline model to the full model. Estimates for "Socioeconomics", "Psychological Engagement", "Mobilization and Embeddedness" represent the combined contribution of the variables within each respective set of factors. The "Total Effect" estimates show the overall contribution of all covariates to the participation gap, calculated as the arithmetic difference between the immigration status coefficients in the baseline model and the full model. Standard errors are in parentheses. * $p < 0.05$, ** $p < 0.01$,

*** $p < 0.001$

Appendix F. Decomposition Analysis on Separate Samples.

Table F1. Decomposition of the Participation Gap (CES)

	Asian	Indigenous	Black	Arab	Latino
<i>Socioeconomics</i>	0.004	-0.013***	-0.005	-0.004	0.002
	(0.003)	(0.003)	(0.004)	(0.005)	(0.004)
Age	-0.008*	-0.006**	-0.006	-0.006	-0.006*
	(0.003)	(0.002)	(0.003)	(0.004)	(0.003)
Woman	0.000	0.000	0.000	0.000	0.000
	(0.000)	(0.000)	(0.000)	(0.001)	(0.001)
University	0.004**	-0.003*	0.001	0.004*	0.002
	(0.002)	(0.001)	(0.001)	(0.002)	(0.001)
Married	-0.001	-0.001	-0.002	-0.001	0.001
	(0.000)	(0.001)	(0.001)	(0.001)	(0.001)
Employed	0.006**	0.002	0.005**	0.006**	0.005*
	(0.002)	(0.001)	(0.002)	(0.002)	(0.002)
Income	0.001	-0.001	-0.000	-0.000	-0.000
	(0.000)	(0.001)	(0.000)	(0.001)	(0.001)
Property	0.002*	-0.005**	-0.004*	-0.006**	-0.000
	(0.001)	(0.002)	(0.002)	(0.002)	(0.002)
<i>Psychological Engagement</i>	-0.027***	-0.018**	-0.008	-0.012	-0.001
	(0.003)	(0.006)	(0.007)	(0.008)	(0.009)
Political Interest	-0.013***	-0.007*	-0.003	-0.003	-0.001
	(0.002)	(0.003)	(0.004)	(0.004)	(0.005)
Political Knowledge	-0.009***	-0.009***	-0.007**	-0.013***	-0.010**
	(0.002)	(0.002)	(0.002)	(0.003)	(0.003)
Party ID	-0.007***	-0.001	-0.001	0.004	0.005
	(0.001)	(0.003)	(0.003)	(0.004)	(0.004)
Internal Efficacy	0.003*	-0.000	0.000	0.002	0.001
	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)
External Efficacy	0.000	0.001	0.005**	-0.001	0.004*
	(0.001)	(0.001)	(0.002)	(0.002)	(0.002)
Institutional Trust	-0.000	0.000	-0.000	-0.000	0.000
	(0.000)	(0.001)	(0.000)	(0.000)	(0.000)
Generalized Trust	-0.002*	-0.001	-0.002	-0.001	-0.001
	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)
<i>Mobilization and Embeddedness</i>	-0.009	-0.004	-0.007	-0.006	-0.009
	(0.005)	(0.003)	(0.005)	(0.006)	(0.006)
Religiosity	0.000	0.000	0.001	0.001	0.000
	(0.000)	(0.000)	(0.002)	(0.002)	(0.001)
Civic Engagement	-0.000	0.000	0.001	0.000	-0.001
	(0.000)	(0.000)	(0.001)	(0.001)	(0.001)
Party Membership	-0.000	0.000	-0.000	-0.000	-0.000
	(0.001)	(0.000)	(0.000)	(0.001)	(0.001)
Immigration Status	-0.003	0.000	-0.003	-0.004	-0.004
	(0.005)	(0.001)	(0.004)	(0.006)	(0.006)
Canadian ID	-0.003***	-0.003*	-0.002	-0.000	-0.000
	(0.001)	(0.001)	(0.001)	(0.002)	(0.002)
Importance of Ethnicity	-0.003	-0.002	-0.004	-0.002	-0.003
	(0.002)	(0.001)	(0.003)	(0.001)	(0.002)
<i>Total Effect</i>	-0.031***	-0.035***	-0.020*	-0.022	-0.008
	(0.007)	(0.008)	(0.010)	(0.012)	(0.012)
Observations	9496	9496	9496	9496	9496

Notes: This table presents results from Gelbach's conditional decomposition analysis. Entries are interpreted as the absolute contribution of each variable to the observed change in the estimated participation gap between each minority group and the White majority from the baseline model to the full model. Estimates for "Socioeconomics", "Psychological Engagement", "Mobilization and

Embeddedness” represent the combined contribution of the variables within each respective set of factors. The “Total Effect” estimates show the overall contribution of all covariates to the participation gap, calculated as the arithmetic difference between the Group ID coefficients in the baseline model and the full model. Standard errors are in parentheses. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table F2. Decomposition of the Participation Gap (DC)

	Asian	Indigenous	Black	Arab	Latino
<i>Socioeconomics</i>	-0.011*** (0.002)	-0.023*** (0.003)	-0.028*** (0.003)	-0.026*** (0.003)	-0.020*** (0.003)
Age	-0.023*** (0.002)	-0.012*** (0.002)	-0.025*** (0.002)	-0.025*** (0.003)	-0.021*** (0.003)
Woman	-0.000 (0.000)	-0.001 (0.001)	0.001 (0.001)	-0.001 (0.001)	-0.001 (0.001)
University	0.005*** (0.001)	-0.004*** (0.001)	0.001* (0.001)	0.005*** (0.001)	0.003*** (0.001)
Married	-0.000 (0.000)	-0.001 (0.001)	-0.001 (0.001)	-0.001 (0.000)	0.000 (0.000)
Employed	0.004*** (0.001)	0.001 (0.001)	0.003*** (0.001)	0.003*** (0.001)	0.005*** (0.001)
Income	0.002*** (0.000)	-0.003*** (0.001)	-0.001* (0.001)	-0.001 (0.001)	-0.000 (0.001)
Property	0.001** (0.000)	-0.005*** (0.001)	-0.007*** (0.001)	-0.006*** (0.001)	-0.005*** (0.001)
<i>Psychological Engagement</i>	-0.026*** (0.002)	-0.033*** (0.006)	-0.031*** (0.005)	-0.024*** (0.006)	-0.028*** (0.006)
Political Interest	-0.009*** (0.001)	-0.011*** (0.003)	-0.003 (0.002)	0.001 (0.003)	-0.007* (0.003)
Political Knowledge	-0.012*** (0.001)	-0.013*** (0.002)	-0.024*** (0.002)	-0.023*** (0.003)	-0.022*** (0.003)
Party ID	-0.003** (0.001)	-0.006 (0.003)	-0.001 (0.003)	0.000 (0.003)	0.002 (0.004)
Internal Efficacy	-0.000 (0.001)	-0.000 (0.000)	-0.000 (0.001)	-0.000 (0.000)	-0.000 (0.000)
External Efficacy	-0.000 (0.000)	-0.001* (0.001)	0.000 (0.000)	-0.000 (0.001)	0.001 (0.001)
Institutional Trust	0.000 (0.000)	-0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Generalized Trust	-0.001** (0.000)	-0.002* (0.001)	-0.002** (0.001)	-0.002* (0.001)	-0.002* (0.001)
<i>Mobilization and Embeddedness</i>	-0.009** (0.003)	-0.002 (0.002)	-0.010** (0.003)	-0.008* (0.004)	-0.008* (0.004)
Religiosity	-0.000 (0.000)	-0.000 (0.000)	-0.002 (0.001)	-0.002 (0.001)	-0.001 (0.001)
Civic Engagement	-0.001** (0.000)	-0.001 (0.000)	0.001* (0.000)	0.001* (0.001)	0.001 (0.000)
Party Membership	0.002*** (0.000)	-0.000 (0.001)	-0.000 (0.000)	0.000 (0.001)	0.001 (0.001)
Immigration Status	-0.007* (0.003)	0.002* (0.001)	-0.007* (0.003)	-0.008* (0.004)	-0.008* (0.004)
Canadian ID	-0.002*** (0.000)	-0.002** (0.001)	-0.002* (0.001)	0.001 (0.001)	-0.000 (0.001)
Importance of Ethnicity	-0.001 (0.001)	-0.001 (0.001)	-0.001 (0.002)	-0.001 (0.001)	-0.001 (0.001)
<i>Total Effect</i>	-0.046*** (0.005)	-0.058*** (0.007)	-0.070*** (0.007)	-0.058*** (0.009)	-0.056*** (0.009)
Observations	26908	26908	26908	26908	26908

Notes: This table presents results from Gelbach's conditional decomposition analysis. Entries are interpreted as the absolute contribution of each variable to the observed change in the estimated participation gap between each minority group and the White majority from the baseline model to the full model. Estimates for "Socioeconomics", "Psychological Engagement", "Mobilization and Embeddedness" represent the combined contribution of the variables within each respective set of factors. The "Total Effect" estimates show the overall contribution of all covariates to the

participation gap, calculated as the arithmetic difference between the Group ID coefficients in the baseline model and the full model. Standard errors are in parentheses. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$