**Supplementary materials**

Table 1. The Dominance of the Liberal Party of Canada and the Bloc Québécois

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1972 | 1974 | 1979 | 1980 |  |  |  |
| Liberals | 49  (76) | 54  (81) | 62  (89) | 68  (99) |  |  |  |
|  | 1993 | 1997 | 2000 | 2004 | 2006 | 2008 | 2011 |
| Bloc | 49  (72) | 37  (58) | 40  (50) | 49  (72) | 42  (68) | 38  (65) | 23  (5) |

*Note:* % of vote shared. % of seats in Quebec in parentheses. Mean values are 58.3 for the Liberal Party and 40 for the Bloc Québécois.

Table 2: Descriptive statistics.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 1993 | 1997 | 2000 | 2004 | 2006 | 2008 |
| Party ID | .37  (.84) | .43  (.97) | .51  (1.06) | -.71  (.96) | -.74  (.96) | .02  (1.23) |
| Economy sociotropic | .37  (.41) | .44  (.34) | .53  (.33) | .51  (.33) | .53  (.32) | .51  (.33) |
| Economy egotropic | .22  (.32) | .56  (.36) | .64  (.35) | .61  (.36) | .67  (.35) | .47  (.38) |
| Vote choice | .11  (.31) | .22  (.42) | .24  (.43) | .34  (.47) | .42  (.49) | .39  (.49) |
| Age | 42  (15) | 44  (16) | 46  (17) | 52  (17) | 53  (16) | 53  (16) |
| Sex | .48  (.50) | .51  (.50) | .51  (.50) | .54  (.50) | .52  (.50) | .54  (.50) |
| Religion | 1.14  (.76) | 1.13  (.75) | 1.05  (.70) | .66  (.72) | .60  (.68) | .56  (.67) |
| Education | .94  (.66) | .98  (.67) | 1.01  (.67) | 1.16  (.66) | 1.21  (.66) | 1.24  (.65) |

*Note:* Means are displayed with standard deviation in parentheses.

Table 3. Economic voting in Canada, year by year

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1993 | 1993 | 1997 | 1997 | 2000 | 2000 | 2004 | 2004 | 2006 | 2006 | 2008 | 2008 |
|  | *Socio*  ------------------------------------------------- | *Ego*  ------------------------------------------------- | *Socio*  ------------------------------------------------- | *Ego*  ------------------------------------------------- | *Socio*  ------------------------------------------------- | *Ego*  ------------------------------------------------- | *Socio*  ------------------------------------------------- | *Ego*  ------------------------------------------------- | *Socio*  ------------------------------------------------- | *Ego*  ------------------------------------------------- | *Socio*  ------------------------------------------------- | *Ego*  ------------------------------------------------- |
|  | b  (SE) | b  (SE) | b  (SE) | b  (SE) | b  (SE) | b  (SE) | b  (SE) | b  (SE) | b  (SE) | b  (SE) | b  (SE) | b  (SE) |
| Age | 0.00 | 0.00 | 0.01\*\* | 0.01\*\* | 0.02\*\*\* | 0.02\*\*\* | 0.01\*\*\* | 0.01\*\*\* | 0.01\*\*\* | 0.01\*\* | 0.01\*\*\* | 0.01\*\*\* |
|  | (0.01) | (0.01) | (0.00) | (0.00) | (0.00) | (0.00) | (0.00) | (0.00) | (0.00) | (0.00) | (0.00) | (0.00) |
| Female | 0.27 | 0.27 | 0.08 | 0.08 | 0.04 | 0.05 | 0.10 | 0.10 | 0.31\*\*\* | 0.31\*\*\* | -0.21\* | -0.21\* |
|  | (0.15) | (0.15) | (0.09) | (0.09) | (0.10) | (0.10) | (0.10) | (0.10) | (0.09) | (0.09) | (0.08) | (0.08) |
| Education | 0.11 | 0.10 | 0.19\*\* | 0.19\*\* | -0.04 | -0.04 | 0.07 | 0.07 | 0.12 | 0.11 | -0.31\*\*\* | -0.30\*\*\* |
|  | (0.11) | (0.11) | (0.07) | (0.07) | (0.08) | (0.08) | (0.08) | (0.08) | (0.07) | (0.07) | (0.07) | (0.07) |
| Religion | 0.10 | 0.10 | -0.05 | -0.05 | -0.15\* | -0.15\* | 0.17\* | 0.17\* | 0.22\*\* | 0.22\*\* | 0.23\*\*\* | 0.23\*\*\* |
|  | (0.10) | (0.10) | (0.06) | (0.06) | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) | (0.06) | (0.06) |
| Party ID | 0.76\*\*\* | 0.76\*\*\* | 0.86\*\*\* | 0.86\*\*\* | 0.95\*\*\* | 0.96\*\*\* | 0.80\*\*\* | 0.80\*\*\* | 0.97\*\*\* | 0.98\*\*\* | 0.30\*\*\* | 0.30\*\*\* |
|  | (0.12) | (0.12) | (0.07) | (0.07) | (0.08) | (0.08) | (0.06) | (0.06) | (0.07) | (0.07) | (0.04) | (0.04) |
| Quebec | -0.24 | -0.08 | -0.12 | -0.17 | -0.59\* | -0.22 | -0.39 | 0.10 | -0.12 | 0.10 | -1.57\*\*\* | -1.58\*\*\* |
|  | (0.27) | (0.29) | (0.21) | (0.18) | (0.26) | (0.22) | (0.27) | (0.25) | (0.23) | (0.22) | (0.21) | (0.26) |
| Economic sociotropic | 0.86\*\*\* | 0.92\*\*\* | 0.89\*\*\* | 0.83\*\*\* | 0.50\*\* | 0.57\*\*\* | 0.60\*\*\* | 0.67\*\*\* | 0.72\*\*\* | 0.67\*\*\* | 0.41\*\*\* | 0.48\*\*\* |
|  | (0.23) | (0.22) | (0.15) | (0.13) | (0.18) | (0.16) | (0.16) | (0.15) | (0.16) | (0.14) | (0.12) | (0.12) |
| Quebec × Ec. sociotropic | 0.50 |  | -0.24 |  | 0.27 |  | 0.40 |  | -0.26 |  | 0.56 |  |
|  | (0.66) |  | (0.30) |  | (0.33) |  | (0.39) |  | (0.33) |  | (0.35) |  |
| Economic egotropic | 0.42\* | 0.43\* | 0.11 | 0.15 | 0.54\*\*\* | 0.63\*\*\* | 0.51\*\* | 0.58\*\*\* | 0.40\*\* | 0.54\*\* | 0.43\*\* | 0.36\* |
|  | (0.18) | (0.19) | (0.14) | (0.15) | (0.16) | (0.19) | (0.16) | (0.17) | (0.15) | (0.16) | (0.14) | (0.15) |
| Quebec × Ec. egotropic |  | -0.06 |  | -0.21 |  | -0.35 |  | -0.51 |  | -0.76\* |  | 0.53 |
|  |  | (0.51) |  | (0.34) |  | (0.35) |  | (0.43) |  | (0.37) |  | (0.41) |
| Constant | -3.47\*\*\* | -3.50\*\*\* | -2.90\*\*\* | -2.89\*\*\* | -2.91\*\*\* | -3.02\*\*\* | -1.61\*\*\* | -1.70\*\*\* | -1.21\*\*\* | -1.22\*\*\* | -0.83\*\*\* | -0.84\*\*\* |
|  | (0.33) | (0.33) | (0.22) | (0.22) | (0.26) | (0.26) | (0.24) | (0.24) | (0.25) | (0.25) | (0.22) | (0.22) |
|  | ------------------------------------------------- | ------------------------------------------------- | ------------------------------------------------- | ------------------------------------------------- | ------------------------------------------------- | ------------------------------------------------- | ------------------------------------------------- | ------------------------------------------------- | ------------------------------------------------- | ------------------------------------------------- | ------------------------------------------------- | ------------------------------------------------- |
| *N* | 2049 | 2049 | 3274 | 3274 | 2508 | 2508 | 2148 | 2148 | 2317 | 2317 | 2650 | 2650 |
| pseudo *R*2 | 0.070 | 0.070 | 0.094 | 0.094 | 0.123 | 0.123 | 0.117 | 0.118 | 0.136 | 0.137 | 0.084 | 0.084 |

*Note:* Entries are logit coefficient. Standard errors are in parentheses. \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001.

Table 4. Explaining voting for the incumbent, 2011 and 2015 elections

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 2011 | 2011 | 2015 | 2015 |
|  | *Socio*  ------------------------------------------------- | *Ego*  ------------------------------------------------- | *Socio*  ------------------------------------------------- | *Ego*  ------------------------------------------------- |
|  | b  (SE) | b  (SE) | b  (SE) | b  (SE) |
| Age | 0.00 | 0.00 | 0.01\*\* | 0.01\*\* |
|  | (0.00) | (0.00) | (0.00) | (0.00) |
| Female | 0.16 | 0.16 | 0.26\*\* | 0.26\*\* |
|  | (0.11) | (0.11) | (0.10) | (0.10) |
| Education | -0.35\*\*\* | -0.35\*\*\* | 0.02 | 0.03 |
|  | (0.09) | (0.09) | (0.11) | (0.11) |
| Religion | 0.01 | 0.01 | -0.06 | -0.06 |
|  | (0.07) | (0.07) | (0.06) | (0.06) |
| Party ID | 2.18\*\*\* | 2.18\*\*\* | 1.31\*\*\* | 1.31\*\*\* |
|  | (0.08) | (0.08) | (0.07) | (0.07) |
| Economic sociotropic | 0.90\*\*\* | 0.80\*\*\* | 0.85\*\*\* | 0.91\*\*\* |
|  | (0.18) | (0.16) | (0.17) | (0.16) |
| Economic egotropic | 0.78\*\*\* | 0.76\*\*\* | 0.41\* | 0.41\* |
|  | (0.20) | (0.22) | (0.18) | (0.19) |
| Quebec | -0.22 | -0.59 | -0.91\*\* | -0.57 |
|  | (0.26) | (0.31) | (0.28) | (0.36) |
| Quebec × Economic sociotropic | -0.54 |  | 0.76 |  |
|  | (0.38) |  | (0.60) |  |
| Quebec × Economic egotropic |  | 0.14 |  | -0.14 |
|  |  | (0.53) |  | (0.68) |
| Constant | -1.51\*\*\* | -1.44\*\*\* | -2.88\*\*\* | -2.91\*\*\* |
|  | (0.31) | (0.30) | (0.25) | (0.25) |
|  | ------------------------------------------------ | ------------------------------------------------ | ------------------------------------------------ | ------------------------------------------------ |
| *N* | 2839 | 2839 | 3725 | 3725 |
| pseudo *R*2 | 0.45 | 0.45 | 0.24 | 0.24 |

*Note:* Entries are logit coefficient. Standard errors are in parentheses. \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001

Table 5. Independence as an alternative determinant of vote choice

|  |  |  |
| --- | --- | --- |
|  | Model 1  ----------------------------------------------------------------------------------------------------------------------------------------------------------------------- | |
|  | b | (SE) |
| Age | 0.02\*\*\* | (0.00) |
| Conservative incumbent | 0.05 | (0.78) |
| Age × Conservative incumbent | -0.00 | (0.01) |
| Female | 0.08 | (0.09) |
| Female × Conservative incumbent | -0.32 | (0.24) |
| Education | 0.18\*\* | (0.06) |
| Education × Conservative incumbent | -0.20 | (0.20) |
| Party ID | 0.10 | (0.11) |
| Quebec independence | 0.85\*\*\* | (0.18) |
| Economic sociotropic | 0.42\*\* | (0.14) |
| Economic egotropic | -3.45\*\*\* | (0.50) |
| Constant | -1.83\*\*\* | (0.25) |
|  | -------------------------------------------------------------------------------------------------------------------------------------------------------------- | |
| *N* | 3134 |  |
| pseudo *R*2 | 0.258 |  |

*Note:* Entries are logit coefficient. Standard errors are in parentheses and are clustered by election (1993-2008). \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001

Table 6. Economic voting in Canada, regionalist provinces v. Rest of Canada

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Model 1  ---------------------------------------------------------------------------------------------------------------------------------------------------- | | Model 2  ---------------------------------------------------------------------------------------------------------------------------------------------------- | |
|  | b | (SE) | b | (SE) |
| Age | 0.02\*\*\* | (0.00) | 0.02\*\*\* | (0.00) |
| Conservative incumbent | -0.08 | (0.60) | -0.09 | (0.59) |
| Conservative incumbent × Age | 0.00 | (0.00) | 0.01 | (0.00) |
| Female | 0.18\*\* | (0.06) | 0.18\*\* | (0.07) |
| Conservative incumbent × Female | -0.17 | (0.12) | -0.16 | (0.11) |
| Education | 0.11 | (0.07) | 0.11 | (0.07) |
| Conservative incumbent × Education | -0.07 | (0.20) | -0.07 | (0.20) |
| Religion | -0.17\*\*\* | (0.05) | -0.17\*\*\* | (0.05) |
| Conservative incumbent × Religion | 0.05 | (0.11) | 0.05 | (0.10) |
| Party ID | 0.42\*\*\* | (0.05) | 0.43\*\*\* | (0.05) |
| Economic sociotropic | 0.87\*\*\* | (0.15) | 0.89\*\*\* | (0.12) |
| Regionalist | -1.10\*\*\* | (0.26) | -0.87\*\*\* | (0.26) |
| Regionalist × Economic sociotropic | 0.15 | (0.21) |  |  |
| Economic egotropic | 0.49\*\*\* | (0.06) | 0.54\*\*\* | (0.07) |
| Regionalist × Economic egotropic |  |  | -0.29 | (0.18) |
| Constant | -2.39\*\*\* | (0.16) | -2.43\*\*\* | (0.18) |
|  | ---------------------------------------------------------------------------------------------------------------------------------------------------- | | ---------------------------------------------------------------------------------------------------------------------------------------------------- | |
| *N* | 14946 |  | 14946 |  |
| pseudo *R*2 | 0.095 |  | 0.095 |  |

*Note:* Entries are logit coefficient. Standard errors are in parentheses and are clustered by election (1993-2008). \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001. Regionalist province is a dummy variable, with a value of 1 in Quebec for the whole period (1993 to 2008), and in Alberta, Manitoba and Saskatchewan in 1993, 1997 and 2000.