Still valuable?

Reconsidering the role of authoritarian values among Japanese voters

TECHNICAL APPENDIX

Data

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Variable name | Description/values | Source from ABS waves | | | | |
| W1 | W2 | W3 | W4 | W5 |
| vote\_choice | 0=abstention | q027 | q027 | q32 | q33 | q33 |
| 1=LDP  2=DPJ/CDP/DPP  3=CGP  4=SDP  5=JCP  6=Others | q028 | q028 | q33 | q34 | q34 |
| vote\_choice\_cdp | 0=abstention | q027 | q027 | q32 | q33 | q33 |
| 1=LDP  2=DPJ/CDP  3=CGP  4=SDP  5=JCP  6=Others | q028 | q028 | q33 | q34 | q34 |
| se003a\_age | Age in years | se003a | se003a | se3a | se3\_2 | SE3\_1 |
| se002\_gender\_male | 0=female  1=male | se002 | se002 | se2 | se2 | SE2 |
| rural | 0=urban residence  1=rural residence | level3 | level3 | level3 | level | Level |
| education\_cont | 1=No formal education  2=Incomplete primary/elementary  3=Complete primary/elementary  4=Incomplete secondary/high school: technical vocational type  5=Complete secondary/high school: technical vocational type  6=Incomplete secondary/high school  7=Complete secondary/high school  8=Some university education  9=University education completed  10=Post-graduate degree | se005 | se005 | se5 | se5 | SE5 |
| se009\_income | Annual or monthly income  1=lowest quintile  2=2nd quintile  3=3rd quintile  4=4th quintile  5=highest quintile | se009 | se009 | se13 | se14 | se14 |
| hired | Employment condition  1=Hired worker/employee  0=Otherwise | se012bjp | Se012a | se9a | se9a | SE10A |
| self\_employed | Employment condition  1=Self employed  0=Otherwise |
| economy\_today | How would you rate the overall economic condition of our country today?  1=Very bad  2=Bad  3= So so (not good nor bad)  4=Good  5=Very good | Q01 | Q01 | q1 | q1 | q1 |
| interest\_politics | How interested would you say you are in politics?  1=Not at all interested  2=Not very interested  3=Somewhat interested  4=Very interested | Q056 | Q056 | Q43 | Q044 | Q46 |
| institutions\_complete | TRUST IN INSTITUTIONS  I’m going to name a number of institutions. For each one, please tell me how much trust do you have in them?  1=None at all  2=Not very much trust  3=Quite a lot of trust  4=A great deal of trust |  |  |  |  |  |
| The courts | q007 | q007 | q8 | q8 | q8 |
| National government | q008 | q008 | q9 | q9 | q9 |
| Political parties | q009 | q009 | q10 | q10 | q10 |
| Parliament | q010 | q010 | q11 | q11 | q11 |
| Civil service | q011 | q011 | q12 | q12 | q12 |
| The military | q012 | q012 | q13 | q13 | q13 |
| The police | q013 | q013 | q14 | q14 | q14 |
| Local government | q014 | q014 | q15 | q15 | q15 |
| Election commission | q017 | q017 | q18 | q18 | q16 |
| auth7\_complete | AUTHORITARIAN/DEMOCRATIC VALUES  I have here other statements. For each statement, would you say you strongly agree, somewhat agree, somewhat disagree, or 149. strongly disagree? (SHOWCARD)  1=Strongly disagree  2=Somewhat disagree  3=Somewhat agree  4=Strongly agree |  |  |  |  |  |
| Government leaders are like the head of a family; we should all follow their decisions | q133 | q133 | q141 | q142 | q149 |
| The government should decide whether certain ideas should be allowed to be discussed in society | q134 | q134 | q142 | q143 | q150 |
| Harmony of the community will be disrupted if people organize lots of groups | q135 | q135 | q143 | q144 | q151 |
| When judges decide important cases, they should accept the view of the executive branch | q136 | q136 | q144 | q145 | q152 |
| If the government is constantly checked [i.e. monitored and supervised] by the legislature, it cannot possibly accomplish great things | q137 | q137 | q145 | q146 | q153 |
| If we have political leaders who are morally upright, we can let them decide everything | q138 | q138 | q146 | q147 | q154 |
| If people have too many different ways of thinking, society will be chaotic | q139 | q139 | q147 | q148 | q155 |
| national\_pride | How proud are you to be a citizen of Japan?  1=Not proud at all  2=Not very proud  3=Somewhat proud  4=Very proud |  | qll155 | q154 | q161 | q166 |
| immigration\_negative | Do you think the government should increase or decrease the inflow of foreign immigrants into the country?  1=The government should increase the inflow of immigrants  2=The government should maintain the inflow of immigrants  3=The government should reduce the inflow of immigrants  4=The government should not allow any more immigrants |  |  |  | q153 | q158 |
| partisanship | Party identification  0=No party identification  1=LDP  2=DPJ/center-left  3=CGP  4=SDP  5=JCP  6=Others | q062 | q062 | q47 | q53 | q56 |
| wave | Wave number |  |  |  |  |  |
| w\_jp | Sample weight | w\_jp | w\_JP | JPweight | w | w |

RELIABILITY ANALYSES

Authoritarian/democratic values

|  |
| --- |
| Government leaders are like the head of a family; we should all follow their decisions |
| The government should decide whether certain ideas should be allowed to be discussed in society |
| Harmony of the community will be disrupted if people organize lots of groups |
| When judges decide important cases, they should accept the view of the executive branch |
| If the government is constantly checked [i.e. monitored and supervised] by the legislature, it cannot possibly accomplish great things |
| If we have political leaders who are morally upright, we can let them decide everything |
| If people have too many different ways of thinking, society will be chaotic |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Cronbach’s alpha | | | | |
| W1 | W2 | W3 | W4 | W5 |
| .736 | .749 | .750 | .777 | .805 |

Trust in institutions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Cronbach’s alpha | | | | |
| W1 | W2 | W3 | W4 | W5 |
| .853 | .875 | .832 | .876 | .846 |

|  |
| --- |
| The courts |
| National government |
| Political parties |
| Parliament |
| Civil service |
| The military |
| The police |
| Local government |
| Election commission |

STATA SYNTAX

- MAIN ANALYSES -

**\*Model 1\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete i.wave [pweight = w\_jp], baseoutcome(1) rrr

**\*Predicted probabilities for Model 1 (Figure 1)\***

quietly mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete i.wave [pweight = w\_jp], baseoutcome(1) rrr

quietly margins, at(auth7\_complete=(1(0.1)4))

marginsplot, recast(line) recastci(rarea)

**\*Model 2\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride i.wave [pweight = w\_jp], baseoutcome(1) rrr

**\*Model 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative i.wave [pweight = w\_jp], baseoutcome(1) rrr

**\*LR tests (Table 4\*)**

**\*Save complete models\***

**\*Model 1\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete i.wave, baseoutcome(1) rrr

estimates store model1

**\*Model2\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride i.wave, baseoutcome(1) rrr

estimates store model2

**\*Model 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative i.wave, baseoutcome(1) rrr

estimates store model3

**\*Wave1\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete if wave==1, baseoutcome(1) rrr

estimates store w1

**\*Wave2\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride if wave==2, baseoutcome(1) rrr

estimates store w2

**\*Wave 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride if wave==3, baseoutcome(1) rrr

estimates store w3

**\*Wave 4\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative if wave==4, baseoutcome(1) rrr

estimates store w4

**\*Wave 5\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative if wave==5, baseoutcome(1) rrr

estimates store w5

**\*LR TESTS FOR AUTHORITARIAN VALUES\***

**\*Model1\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete i.wave if auth7\_complete!=., baseoutcome(1) rrr

estimates store auth\_pooled\_1

lrtest auth\_pooled\_1 model1

**\*Model 2\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete national\_pride i.wave if auth7\_complete!=., baseoutcome(1) rrr

estimates store auth\_pooled\_2

lrtest auth\_pooled\_2 model2

**\*Model 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete national\_pride immigration\_negative i.wave if auth7\_complete!=., baseoutcome(1) rrr

estimates store auth\_pooled\_3

lrtest auth\_pooled\_3 model3

**\*Wave 1\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete if wave==1 & auth7\_complete!=., baseoutcome(1) rrr

estimates store auth\_m1

lrtest auth\_m1 w1

**\*Wave 2\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete national\_pride if wave==2 & auth7\_complete!=., baseoutcome(1) rrr

estimates store auth\_m2

lrtest auth\_m2 w2

**\*Wave 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete national\_pride if wave==3 & auth7\_complete!=., baseoutcome(1) rrr

estimates store auth\_m3

lrtest auth\_m3 w3

**\*Wave 4\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete national\_pride immigration\_negative if wave==4 & auth7\_complete!=., baseoutcome(1) rrr

estimates store auth\_w4

lrtest auth\_w4 w4

**\*Wave 5\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete national\_pride immigration\_negative if wave==5 & auth7\_complete!=., baseoutcome(1) rrr

estimates store auth\_w5

lrtest auth\_w5 w5

**\*LR TESTS FOR AGE\***

**\*Model1\***

mlogit vote\_choice se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete i.wave if se003a\_age!=., baseoutcome(1) rrr

estimates store age\_pooled\_1

lrtest age\_pooled\_1 model1

**\*Model 2\***

mlogit vote\_choice se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride i.wave if se003a\_age!=., baseoutcome(1) rrr

estimates store age\_pooled\_2

lrtest age\_pooled\_2 model2

**\*Model 3\***

mlogit vote\_choice se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative i.wave if se003a\_age!=., baseoutcome(1) rrr

estimates store age\_pooled\_3

lrtest age\_pooled\_3 model3

**\*Wave 1\***

mlogit vote\_choice se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete if wave==1 & se003a\_age!=., baseoutcome(1) rrr

estimates store age\_m1

lrtest age\_m1 w1

**\*Wave 2\***

mlogit vote\_choice se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride if wave==2 & se003a\_age!=., baseoutcome(1) rrr

estimates store age\_m2

lrtest age\_m2 w2

**\*Wave 3\***

mlogit vote\_choice se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride if wave==3 & se003a\_age!=., baseoutcome(1) rrr

estimates store age\_m3

lrtest age\_m3 w3

**\*Wave 4\***

mlogit vote\_choice se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative if wave==4 & se003a\_age!=., baseoutcome(1) rrr

estimates store age\_w4

lrtest age\_w4 w4

**\*Wave 5\***

mlogit vote\_choice se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative if wave==5 & se003a\_age!=., baseoutcome(1) rrr

estimates store age\_w5

lrtest age\_w5 w5

**\*LR TESTS FOR GENDER\***

**\*Model1\***

mlogit vote\_choice se003a\_age rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete i.wave if se002\_gender\_male!=., baseoutcome(1) rrr

estimates store gender\_pooled\_1

lrtest gender\_pooled\_1 model1

**\*Model 2\***

mlogit vote\_choice se003a\_age rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride i.wave if se002\_gender\_male!=., baseoutcome(1) rrr

estimates store gender\_pooled\_2

lrtest gender\_pooled\_2 model2

**\*Model 3\***

mlogit vote\_choice se003a\_age rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative i.wave if se002\_gender\_male!=., baseoutcome(1) rrr

estimates store gender\_pooled\_3

lrtest gender\_pooled\_3 model3

**\*Wave 1\***

mlogit vote\_choice se003a\_age rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete if wave==1 & se002\_gender\_male!=., baseoutcome(1) rrr

estimates store gender\_m1

lrtest gender\_m1 w1

**\*Wave 2\***

mlogit vote\_choice se003a\_age rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride if wave==2 & se002\_gender\_male!=., baseoutcome(1) rrr

estimates store gender\_m2

lrtest gender\_m2 w2

**\*Wave 3\***

mlogit vote\_choice se003a\_age rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride if wave==3 & se002\_gender\_male!=., baseoutcome(1) rrr

estimates store gender\_m3

lrtest gender\_m3 w3

**\*Wave 4\***

mlogit vote\_choice se003a\_age rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative if wave==4 & se002\_gender\_male!=., baseoutcome(1) rrr

estimates store gender\_w4

lrtest gender\_w4 w4

**\*Wave 5\***

mlogit vote\_choice se003a\_age rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative if wave==5 & se002\_gender\_male!=., baseoutcome(1) rrr

estimates store gender\_w5

lrtest gender\_w5 w5

**\*LR TESTS FOR RURAL RESIDENCE\***

**\*Model1\***

mlogit vote\_choice se003a\_age se002\_gender\_male education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete i.wave if rural!=., baseoutcome(1) rrr

estimates store rural\_pooled\_1

lrtest rural\_pooled\_1 model1

**\*Model 2\***

mlogit vote\_choice se003a\_age se002\_gender\_male education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride i.wave if rural!=., baseoutcome(1) rrr

estimates store rural\_pooled\_2

lrtest rural\_pooled\_2 model2

**\*Model 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative i.wave if rural!=., baseoutcome(1) rrr

estimates store rural\_pooled\_3

lrtest rural\_pooled\_3 model3

**\*Wave 1\***

mlogit vote\_choice se003a\_age se002\_gender\_male education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete if wave==1 & rural!=., baseoutcome(1) rrr

estimates store rural\_m1

lrtest rural\_m1 w1

**\*Wave 2\***

mlogit vote\_choice se003a\_age se002\_gender\_male education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride if wave==2 & rural!=., baseoutcome(1) rrr

estimates store rural\_m2

lrtest rural\_m2 w2

**\*Wave 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride if wave==3 & rural!=., baseoutcome(1) rrr

estimates store rural\_m3

lrtest rural\_m3 w3

**\*Wave 4\***

mlogit vote\_choice se003a\_age se002\_gender\_male education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative if wave==4 & rural!=., baseoutcome(1) rrr

estimates store rural\_w4

lrtest rural\_w4 w4

**\*Wave 5\***

mlogit vote\_choice se003a\_age se002\_gender\_male education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative if wave==5 & rural!=., baseoutcome(1) rrr

estimates store rural\_w5

lrtest rural\_w5 w5

**\*LR TESTS FOR EDUCATION\***

**\*Model1\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete i.wave if education\_cont!=., baseoutcome(1) rrr

estimates store educ\_pooled\_1

lrtest educ\_pooled\_1 model1

**\*Model 2\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride i.wave if education\_cont!=., baseoutcome(1) rrr

estimates store educ\_pooled\_2

lrtest educ\_pooled\_2 model2

**\*Model 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative i.wave if education\_cont!=., baseoutcome(1) rrr

estimates store educ\_pooled\_3

lrtest educ\_pooled\_3 model3

**\*Wave 1\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete if wave==1 & education\_cont!=., baseoutcome(1) rrr

estimates store educ\_m1

lrtest educ\_m1 w1

**\*Wave 2\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride if wave==2 & education\_cont!=., baseoutcome(1) rrr

estimates store educ\_m2

lrtest educ\_m2 w2

**\*Wave 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride if wave==3 & education\_cont!=., baseoutcome(1) rrr

estimates store educ\_m3

lrtest educ\_m3 w3

**\*Wave 4\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative if wave==4 & education\_cont!=., baseoutcome(1) rrr

estimates store educ\_w4

lrtest educ\_w4 w4

**\*Wave 5\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative if wave==5 & education\_cont!=., baseoutcome(1) rrr

estimates store educ\_w5

lrtest educ\_w5 w5

**\*LR TESTS FOR INCOME\***

**\*Model1\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete i.wave if se009\_income!=., baseoutcome(1) rrr

estimates store income\_pooled\_1

lrtest income\_pooled\_1 model1

**\*Model 2\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride i.wave if se009\_income!=., baseoutcome(1) rrr

estimates store income\_pooled\_2

lrtest income\_pooled\_2 model2

**\*Model 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative i.wave if se009\_income!=., baseoutcome(1) rrr

estimates store income\_pooled\_3

lrtest income\_pooled\_3 model3

**\*Wave 1\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete if wave==1 & se009\_income!=., baseoutcome(1) rrr

estimates store income\_m1

lrtest income\_m1 w1

**\*Wave 2\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride if wave==2 & se009\_income!=., baseoutcome(1) rrr

estimates store income\_m2

lrtest income\_m2 w2

**\*Wave 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride if wave==3 & se009\_income!=., baseoutcome(1) rrr

estimates store income\_m3

lrtest income\_m3 w3

**\*Wave 4\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative if wave==4 & se009\_income!=., baseoutcome(1) rrr

estimates store income\_w4

lrtest income\_w4 w4

**\*Wave 5\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative if wave==5 & se009\_income!=., baseoutcome(1) rrr

estimates store income\_w5

lrtest income\_w5 w5

**\*LR TESTS FOR HIRED\***

**\*Model1\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete i.wave if hired!=., baseoutcome(1) rrr

estimates store hired\_pooled\_1

lrtest hired\_pooled\_1 model1

**\*Model 2\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride i.wave if hired!=., baseoutcome(1) rrr

estimates store hired\_pooled\_2

lrtest hired\_pooled\_2 model2

**\*Model 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative i.wave if hired!=., baseoutcome(1) rrr

estimates store hired\_pooled\_3

lrtest hired\_pooled\_3 model3

**\*Wave 1\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete if wave==1 & hired!=., baseoutcome(1) rrr

estimates store hired\_m1

lrtest hired\_m1 w1

**\*Wave 2\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride if wave==2 & hired!=., baseoutcome(1) rrr

estimates store hired\_m2

lrtest hired\_m2 w2

**\*Wave 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride if wave==3 & hired!=., baseoutcome(1) rrr

estimates store hired\_m3

lrtest hired\_m3 w3

**\*Wave 4\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative if wave==4 & hired!=., baseoutcome(1) rrr

estimates store hired\_w4

lrtest hired\_w4 w4

**\*Wave 5\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative if wave==5 & hired!=., baseoutcome(1) rrr

estimates store hired\_w5

lrtest hired\_w5 w5

**\*LR TESTS FOR SELF-EMPLOYED\***

**\*Model1\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired economy\_today interest\_politics institutions\_complete auth7\_complete i.wave if self\_employed!=., baseoutcome(1) rrr

estimates store se\_pooled\_1

lrtest se\_pooled\_1 model1

**\*Model 2\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride i.wave if self\_employed!=., baseoutcome(1) rrr

estimates store se\_pooled\_2

lrtest se\_pooled\_2 model2

**\*Model 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative i.wave if self\_employed!=., baseoutcome(1) rrr

estimates store se\_pooled\_3

lrtest se\_pooled\_3 model3

**\*Wave 1\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired economy\_today interest\_politics institutions\_complete auth7\_complete if wave==1 & self\_employed!=., baseoutcome(1) rrr

estimates store se\_m1

lrtest se\_m1 w1

**\*Wave 2\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride if wave==2 & self\_employed!=., baseoutcome(1) rrr

estimates store se\_m2

lrtest se\_m2 w2

**\*Wave 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride if wave==3 & self\_employed!=., baseoutcome(1) rrr

estimates store se\_m3

lrtest se\_m3 w3

**\*Wave 4\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative if wave==4 & self\_employed!=., baseoutcome(1) rrr

estimates store se\_w4

lrtest se\_w4 w4

**\*Wave 5\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative if wave==5 & self\_employed!=., baseoutcome(1) rrr

estimates store se\_w5

lrtest se\_w5 w5

**\*LR TESTS FOR ECONOMY\***

**\*Model1\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed interest\_politics institutions\_complete auth7\_complete i.wave if economy\_today!=., baseoutcome(1) rrr

estimates store eco\_pooled\_1

lrtest eco\_pooled\_1 model1

**\*Model 2\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed interest\_politics institutions\_complete auth7\_complete national\_pride i.wave if economy\_today!=., baseoutcome(1) rrr

estimates store eco\_pooled\_2

lrtest eco\_pooled\_2 model2

**\*Model 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative i.wave if economy\_today!=., baseoutcome(1) rrr

estimates store eco\_pooled\_3

lrtest eco\_pooled\_3 model3

**\*Wave 1\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed interest\_politics institutions\_complete auth7\_complete if wave==1 & economy\_today!=., baseoutcome(1) rrr

estimates store eco\_m1

lrtest eco\_m1 w1

**\*Wave 2\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed interest\_politics institutions\_complete auth7\_complete national\_pride if wave==2 & economy\_today!=., baseoutcome(1) rrr

estimates store eco\_m2

lrtest eco\_m2 w2

**\*Wave 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed interest\_politics institutions\_complete auth7\_complete national\_pride if wave==3 & economy\_today!=., baseoutcome(1) rrr

estimates store eco\_m3

lrtest eco\_m3 w3

**\*Wave 4\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative if wave==4 & economy\_today!=., baseoutcome(1) rrr

estimates store eco\_w4

lrtest eco\_w4 w4

**\*Wave 5\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative if wave==5 & economy\_today!=., baseoutcome(1) rrr

estimates store eco\_w5

lrtest eco\_w5 w5

**\*LR TESTS FOR INTEREST IN POLITICS\***

**\*Model1\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today institutions\_complete auth7\_complete i.wave if interest\_politics!=., baseoutcome(1) rrr

estimates store int\_pooled\_1

lrtest int\_pooled\_1 model1

**\*Model 2\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today institutions\_complete auth7\_complete national\_pride i.wave if interest\_politics!=., baseoutcome(1) rrr

estimates store int\_pooled\_2

lrtest int\_pooled\_2 model2

**\*Model 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today institutions\_complete auth7\_complete national\_pride immigration\_negative i.wave if interest\_politics!=., baseoutcome(1) rrr

estimates store int\_pooled\_3

lrtest int\_pooled\_3 model3

**\*Wave 1\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today institutions\_complete auth7\_complete if wave==1 & interest\_politics!=., baseoutcome(1) rrr

estimates store int\_m1

lrtest int\_m1 w1

**\*Wave 2\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today institutions\_complete auth7\_complete national\_pride if wave==2 & interest\_politics!=., baseoutcome(1) rrr

estimates store int\_m2

lrtest int\_m2 w2

**\*Wave 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today institutions\_complete auth7\_complete national\_pride if wave==3 & interest\_politics!=., baseoutcome(1) rrr

estimates store int\_m3

lrtest int\_m3 w3

**\*Wave 4\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today institutions\_complete auth7\_complete national\_pride immigration\_negative if wave==4 & interest\_politics!=., baseoutcome(1) rrr

estimates store int\_w4

lrtest int\_w4 w4

**\*Wave 5\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today institutions\_complete auth7\_complete national\_pride immigration\_negative if wave==5 & interest\_politics!=., baseoutcome(1) rrr

estimates store int\_w5

lrtest int\_w5 w5

**\*LR TESTS FOR TRUST IN INSTITUTIONS\***

**\*Model1\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics auth7\_complete i.wave if institutions\_complete!=., baseoutcome(1) rrr

estimates store inst\_pooled\_1

lrtest inst\_pooled\_1 model1

**\*Model 2\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics auth7\_complete national\_pride i.wave if institutions\_complete!=., baseoutcome(1) rrr

estimates store inst\_pooled\_2

lrtest inst\_pooled\_2 model2

**\*Model 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics auth7\_complete national\_pride immigration\_negative i.wave if institutions\_complete!=., baseoutcome(1) rrr

estimates store inst\_pooled\_3

lrtest inst\_pooled\_3 model3

**\*Wave 1\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics auth7\_complete if wave==1 & institutions\_complete!=., baseoutcome(1) rrr

estimates store inst\_m1

lrtest inst\_m1 w1

**\*Wave 2\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics auth7\_complete national\_pride if wave==2 & institutions\_complete!=., baseoutcome(1) rrr

estimates store inst\_m2

lrtest inst\_m2 w2

**\*Wave 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics auth7\_complete national\_pride if wave==3 & institutions\_complete!=., baseoutcome(1) rrr

estimates store inst\_m3

lrtest inst\_m3 w3

**\*Wave 4\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics auth7\_complete national\_pride immigration\_negative if wave==4 & institutions\_complete!=., baseoutcome(1) rrr

estimates store inst\_w4

lrtest inst\_w4 w4

**\*Wave 5\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics auth7\_complete national\_pride immigration\_negative if wave==5 & institutions\_complete!=., baseoutcome(1) rrr

estimates store inst\_w5

lrtest inst\_w5 w5

**\*LR TESTS FOR NATIONAL PRIDE\***

**\*Model 2\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete i.wave if national\_pride!=., baseoutcome(1) rrr

estimates store pride\_pooled\_2

lrtest pride\_pooled\_2 model2

**\*Model 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete immigration\_negative i.wave if national\_pride!=., baseoutcome(1) rrr

estimates store pride\_pooled\_3

lrtest pride\_pooled\_3 model3

**\*Wave 2\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete if wave==2 & national\_pride!=., baseoutcome(1) rrr

estimates store pride\_m2

lrtest pride\_m2 w2

**\*Wave 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete if wave==3 & national\_pride!=., baseoutcome(1) rrr

estimates store pride\_m3

lrtest pride\_m3 w3

**\*Wave 4\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete immigration\_negative if wave==4 & national\_pride!=., baseoutcome(1) rrr

estimates store pride\_w4

lrtest pride\_w4 w4

**\*Wave 5\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete immigration\_negative if wave==5 & national\_pride!=., baseoutcome(1) rrr

estimates store pride\_w5

lrtest pride\_w5 w5

**\*LR TESTS FOR IMMIGRATION\***

**\*Model 3\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride i.wave if immigration\_negative!=., baseoutcome(1) rrr

estimates store imm\_pooled\_3

lrtest imm\_pooled\_3 model3

**\*Wave 4\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride if wave==4 & immigration\_negative!=., baseoutcome(1) rrr

estimates store imm\_w4

lrtest imm\_w4 w4

**\*Wave 5\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride if wave==5 & immigration\_negative!=., baseoutcome(1) rrr

estimates store imm\_w5

lrtest imm\_w5 w5

- ROBUSTNESS CHECKS –

**\*Hosmer–Lemeshow goodness-of-fit tests\***

**\*mlogitgof after running each model\***

|  |  |  |  |
| --- | --- | --- | --- |
|  | Model 1 | Model 2 | Model 3 |
| χ2(df) | 59.471 (48) | 45.139 (48) | 28.477 (48) |
| p-value | 0.121 | 0.591 | 0.989 |

**\*Multinomial logit with party ids\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete i.partisanship i.wave [pweight = w\_jp], baseoutcome(1) rrr

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Abstainers** | **DPJ/center-left** | **CGP** | **SDP** | **JCP** | **Others** |
|  |
|  |  |  |  |  |  |  |
| **Age** | 0.944\*\*\* | 1.007 | 0.981 | 1.010 | 1.001 | 0.996 |
| **Gender (male)** | 0.935 | 0.905 | 0.913 | 0.829 | 0.671 | 0.810 |
| **Rural residence** | 0.521\*\*\* | 0.800 | 0.686 | 0.729 | 0.229\*\*\* | 1.020 |
| **Education** | 0.815\*\*\* | 1.015 | 0.910 | 1.214 | 1.035 | 1.005 |
| **Income** | 0.799\*\*\* | 0.960 | 0.859 | 0.956 | 0.816 | 1.138 |
| **Employee** | 1.281 | 1.406\* | 2.052\* | 0.943 | 0.748 | 1.008 |
| **Self-employed** | 1.366 | 1.258 | 1.787 | 0.571 | 1.024 | 0.819 |
| **State of the economy** | 0.868 | 0.818\* | 0.927 | 0.874 | 0.775 | 0.866 |
| **Interest in politics** | 0.610\*\*\* | 1.156 | 1.055 | 1.030 | 1.063 | 1.256 |
| **Trust in institutions** | 0.499\*\*\* | 0.635\*\* | 0.801 | 0.779 | 0.745 | 0.543\*\* |
| **Authoritarian values** | 1.364\* | 0.682\*\* | 0.739 | 0.450\*\* | 0.295\*\*\* | 0.623\* |
| **Party id (LDP)** | 0.231\*\*\* | 0.099\*\*\* | 0.231\*\*\* | 0.125\*\*\* | 0.089\*\*\* | 0.119\*\*\* |
| **Party id (DPJ/CDP/DPP)** | 1.420 | 6.970\*\*\* | 1.404 | 1.876 | 1.072 | 0.775 |
| **Party id (CGP)** | 1.295 | 0.686 | 76.846\*\*\* | 0.949 | 1.219 | 1.531 |
| **Party id (SDP)** | 1.071 | 1.333 | 0.600 | 18.506\*\*\* | 0.430 | 4.750\*\*\* |
| **Party id (JCP)** | 1.138 | 1.352 | 1.889 | 0.897 | 27.335\*\*\* | 0.807 |
| **Party id (Others)** | 0.568 | 0.442 | 1.294 | 5.233\*\* | 1.318 | 5.606\*\*\* |
|  |  |  |  |  |  |  |
| Pseudo R2 | 0.30 |  |  |  |  |  |
| Observations | 2,961 |  |  |  |  |  |

**\*Model 2 with party ids\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride i.partisanship i.wave [pweight = w\_jp], baseoutcome(1) rrr

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Abstainers** | **DPJ/center-left** | **CGP** | **SDP** | **JCP** | **Others** |
|  |  |  |  |  |  |  |
| **Age** | 0.949\*\*\* | 1.008 | 0.987 | 1.007 | 1.002 | 0.994 |
| **Gender (male)** | 0.989 | 0.925 | 0.991 | 1.347 | 0.623 | 0.936 |
| **Rural residence** | 0.514\*\*\* | 0.798 | 0.749 | 0.900 | 0.239\*\* | 0.990 |
| **Education** | 0.785\*\*\* | 0.971 | 0.914 | 1.278 | 0.985 | 0.986 |
| **Income** | 0.821\*\* | 0.969 | 0.855 | 0.855 | 0.900 | 1.207\* |
| **Employee** | 1.393 | 1.327 | 2.345\* | 0.788 | 0.720 | 0.828 |
| **Self-employed** | 1.489 | 1.125 | 1.908 | 0.467 | 0.953 | 0.735 |
| **State of the economy** | 0.846 | 0.803\* | 0.867 | 0.813 | 0.665\* | 0.745 |
| **Interest in politics** | 0.454\*\*\* | 1.267\* | 1.231 | 0.879 | 1.538 | 1.367 |
| **Trust in institutions** | 0.540\*\* | 0.711\* | 0.785 | 0.773 | 0.848 | 0.572\* |
| **Authoritarian values** | 1.301 | 0.709\* | 0.820 | 0.303\*\*\* | 0.412\*\* | 0.696 |
| **National pride** | 0.840 | 0.717\*\* | 0.716 | 0.682 | 0.823 | 0.780 |
| **Party id (LDP)** | 0.226\*\*\* | 0.105\*\*\* | 0.215\*\*\* | 0.193\*\* | 0.105\*\*\* | 0.141\*\*\* |
| **Party id (DPJ/CDP/DPP)** | 1.562 | 5.699\*\*\* | 1.293 | 2.045 | 0.922 | 0.858 |
| **Party id (CGP)** | 0.965 | 0.529 | 62.144\*\*\* | 1.251 | 1.123 | 1.767 |
| **Party id (SDP)** | 1.025 | 1.063 | 0.580 | 15.824\*\*\* | 0.000\*\*\* | 5.532\*\*\* |
| **Party id (JCP)** | 1.442 | 1.089 | 1.105 | 0.000\*\*\* | 20.582\*\*\* | 0.969 |
| **Party id (Others)** | 0.562 | 0.474 | 0.802 | 13.104\*\*\* | 0.844 | 5.513\*\*\* |
|  |  |  |  |  |  |  |
| Pseudo R2 | 0.30 |  |  |  |  |  |
| Observations | 2,481 |  |  |  |  |  |

\*Model 3 with party ids cannot be estimated because of lack of perfect separation\*

**\*Multinomial probit (Model 1)\***

mprobit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete i.wave [pweight = w\_jp], baseoutcome(1)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Abstainers** | | **DPJ/center-left** | | **CGP** | | **SDP** | | **JCP** | | **Others** | |
|  |
|  |  | |  | |  | |  | |  | |  | |
| **Age** | 0.958\*\*\* | | 1.002 | | 0.984\*\*\* | | 0.998 | | 0.996 | | 0.993 | |
|  | (0.004) | | (0.003) | | (0.004) | | (0.007) | | (0.005) | | (0.004) | |
| **Gender (male)** | 0.938 | | 0.937 | | 0.773\* | | 0.857 | | 0.802 | | 0.821 | |
|  | (0.094) | | (0.084) | | (0.113) | | (0.166) | | (0.124) | | (0.116) | |
| **Rural residence** | 0.596\*\*\* | | 0.829 | | 0.691\* | | 0.745 | | 0.463\*\*\* | | 0.841 | |
|  | (0.119) | | (0.103) | | (0.158) | | (0.197) | | (0.186) | | (0.138) | |
| **Education** | 0.864\*\*\* | | 1.029 | | 0.841\*\* | | 1.111 | | 0.981 | | 1.011 | |
|  | (0.042) | | (0.036) | | (0.054) | | (0.064) | | (0.057) | | (0.049) | |
| **Income** | 0.839\*\*\* | | 0.943 | | 0.859\*\*\* | | 0.915 | | 0.837\*\*\* | | 1.037 | |
|  | (0.039) | | (0.033) | | (0.043) | | (0.079) | | (0.053) | | (0.046) | |
| **Employee** | 1.158 | | 1.191 | | 1.681\*\*\* | | 0.997 | | 0.924 | | 1.005 | |
|  | (0.118) | | (0.105) | | (0.152) | | (0.174) | | (0.153) | | (0.145) | |
| **Self-employed** | 1.042 | | 0.882 | | 1.213 | | 0.656 | | 0.880 | | 0.783 | |
|  | (0.150) | | (0.129) | | (0.184) | | (0.257) | | (0.189) | | (0.173) | |
| **State of economy** | 0.871\* | | 0.828\*\*\* | | 0.881 | | 0.891 | | 0.772\*\* | | 0.865 | |
|  | (0.059) | | (0.050) | | (0.068) | | (0.095) | | (0.086) | | (0.077) | |
| **Interest in politics** | 0.711\*\*\* | | 1.111 | | 1.089 | | 0.992 | | 1.086 | | 1.185\* | |
|  | (0.063) | | (0.054) | | (0.072) | | (0.086) | | (0.081) | | (0.077) | |
| **Trust in institutions** | 0.519\*\*\* | | 0.661\*\*\* | | 0.733\* | | 0.641\* | | 0.535\*\*\* | | 0.478\*\*\* | |
|  | (0.110) | | (0.095) | | (0.132) | | (0.174) | | (0.145) | | (0.129) | |
| **Authoritarian values** | 1.073 | | 0.646\*\*\* | | 0.778\* | | 0.506\*\*\* | | 0.389\*\*\* | | 0.636\*\*\* | |
|  | (0.099) | | (0.083) | | (0.113) | | (0.136) | | (0.122) | | (0.108) | |
|  |  | |  | |  | |  | |  | |  | |
| Constant | 216.006\*\*\* | | 4.065\*\* | | 8.551\*\* | | 3.782 | | 33.089\*\*\* | | 6.502\*\* | |
|  | (0.512) | | (0.432) | | (0.655) | | (0.775) | | (0.646) | | (0.588) | |
|  |  | |  | |  | |  | |  | |  | |
|  |  | |  | |  | |  | |  | |  | |
| Observations | 2,965 | |  | |  | |  | |  | |  | |
|  |  | |  | |  | |  | |  | |  | |
| Log pseudolikelihood | -4214.4258 | |  | |  | |  | |  | |  | |
|  | | |  | |  | |  | |  | |  | |  | |

**\*Multinomial probit (Model 2)\***

mprobit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride i.wave [pweight = w\_jp], baseoutcome(1)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Abstainers** | | **DPJ/center-left** | | **CGP** | | **SDP** | | **JCP** | | **Others** | |
|  |
|  |  | |  | |  | |  | |  | |  | |
| **Age** | 0.962\*\*\* | | 1.004 | | 0.987\*\* | | 0.997 | | 0.998 | | 0.993 | |
|  | (0.004) | | (0.003) | | (0.005) | | (0.008) | | (0.005) | | (0.005) | |
| **Gender (male)** | 0.983 | | 0.944 | | 0.756\* | | 1.070 | | 0.777 | | 0.866 | |
|  | (0.106) | | (0.092) | | (0.124) | | (0.193) | | (0.141) | | (0.131) | |
| **Rural residence** | 0.588\*\*\* | | 0.829 | | 0.709\* | | 0.800 | | 0.466\*\*\* | | 0.805 | |
|  | (0.132) | | (0.110) | | (0.170) | | (0.227) | | (0.200) | | (0.150) | |
| **Education** | 0.857\*\* | | 1.014 | | 0.856\*\* | | 1.160 | | 0.979 | | 1.012 | |
|  | (0.049) | | (0.039) | | (0.060) | | (0.080) | | (0.065) | | (0.056) | |
| **Income** | 0.855\*\*\* | | 0.946 | | 0.855\*\*\* | | 0.855 | | 0.865\* | | 1.065 | |
|  | (0.043) | | (0.035) | | (0.046) | | (0.090) | | (0.059) | | (0.051) | |
| **Employee** | 1.210 | | 1.149 | | 1.773\*\*\* | | 0.925 | | 0.859 | | 0.896 | |
|  | (0.134) | | (0.114) | | (0.168) | | (0.204) | | (0.174) | | (0.164) | |
| **Self-employed** | 1.148 | | 0.854 | | 1.223 | | 0.612 | | 0.847 | | 0.745 | |
|  | (0.170) | | (0.140) | | (0.200) | | (0.316) | | (0.210) | | (0.190) | |
| **State of economy** | 0.850\* | | 0.825\*\*\* | | 0.869\* | | 0.892 | | 0.721\*\*\* | | 0.803\*\* | |
|  | (0.066) | | (0.054) | | (0.071) | | (0.115) | | (0.092) | | (0.082) | |
| **Interest in politics** | 0.584\*\*\* | | 1.215\*\* | | 1.226\* | | 0.961 | | 1.304\* | | 1.280\* | |
|  | (0.076) | | (0.065) | | (0.087) | | (0.115) | | (0.105) | | (0.101) | |
| **Trust in institutions** | 0.570\*\*\* | | 0.722\*\* | | 0.750 | | 0.687 | | 0.619\*\* | | 0.527\*\*\* | |
|  | (0.125) | | (0.105) | | (0.148) | | (0.220) | | (0.175) | | (0.143) | |
| **Authoritarian values** | 1.041 | | 0.686\*\*\* | | 0.858 | | 0.438\*\*\* | | 0.457\*\*\* | | 0.700\*\* | |
|  | (0.108) | | (0.092) | | (0.127) | | (0.171) | | (0.135) | | (0.127) | |
| **National pride** | 0.806\*\* | | 0.712\*\*\* | | 0.770\*\* | | 0.744\* | | 0.709\*\* | | 0.752\*\* | |
|  | (0.082) | | (0.069) | | (0.095) | | (0.143) | | (0.106) | | (0.101) | |
|  |  | |  | |  | |  | |  | |  | |
| Constant | 533.566\*\*\* | | 10.497\*\*\* | | 9.677\*\* | | 13.982\*\* | | 32.035\*\*\* | | 2.911 | |
|  | (0.611) | | (0.517) | | (0.757) | | (0.989) | | (0.809) | | (0.717) | |
|  |  | |  | |  | |  | |  | |  | |
|  |  | |  | |  | |  | |  | |  | |
| Observations | 2,485 | |  | |  | |  | |  | |  | |
|  |  | |  | |  | |  | |  | |  | |
| Log pseudolikelihood | -3428.337 | |  | |  | |  | |  | |  | |
|  | |  | |  | |  | |  | |  | |  | |

\*Multinomial probit for Model 3 cannot be run because of lack because of perfect separation\*

**\*Multinomial logit with non-weighted data (Model 1)\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete i.wave, baseoutcome(1) rrr

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Abstainers** | **DPJ/center-left** | **CGP** | **SDP** | **JCP** | **Others** |
|  |  |  |  |  |  |  |
| **Age** | 0.940\*\*\* | 1.000 | 0.974\*\*\* | 1.006 | 0.997 | 0.992 |
| **Gender (male)** | 0.975 | 0.974 | 0.703\* | 0.658 | 0.734 | 0.792 |
| **Rural residence** | 0.515\*\*\* | 0.834 | 0.496\*\* | 0.823 | 0.272\*\*\* | 0.906 |
| **Education** | 0.827\*\*\* | 1.052 | 0.731\*\*\* | 1.281\* | 0.959 | 1.043 |
| **Income** | 0.799\*\*\* | 0.907\* | 0.793\*\* | 0.932 | 0.748\*\*\* | 1.057 |
| **Employee** | 1.243 | 1.138 | 2.280\*\*\* | 0.899 | 0.854 | 0.933 |
| **Self-employed** | 1.033 | 0.837 | 1.292 | 0.485 | 0.823 | 0.624 |
| **State of the economy** | 0.837\* | 0.788\*\*\* | 0.837 | 0.810 | 0.670\*\* | 0.885 |
| **Interest in politics** | 0.613\*\*\* | 1.155\* | 1.200 | 1.083 | 1.079 | 1.285\* |
| **Trust in institutions** | 0.398\*\*\* | 0.597\*\*\* | 0.737 | 0.547\* | 0.347\*\*\* | 0.347\*\*\* |
| **Authoritarian values** | 1.092 | 0.533\*\*\* | 0.631\* | 0.326\*\*\* | 0.217\*\*\* | 0.507\*\*\* |
|  |  |  |  |  |  |  |
| Pseudo R2 | 0.11 |  |  |  |  |  |
| Observations | 2,965 |  |  |  |  |  |

**\*Multinomial logit with non-weighted data (Model 2)\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride i.wave, baseoutcome(1) rrr

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Abstainers** | **DPJ/center-left** | **CGP** | **SDP** | **JCP** | **Others** |
|  |
|  |  |  |  |  |  |  |
| **Age** | 0.947\*\*\* | 1.003 | 0.978\*\* | 1.007 | 1.000 | 0.991 |
| **Gender (male)** | 1.074 | 0.990 | 0.682\* | 0.961 | 0.686 | 0.877 |
| **Rural residence** | 0.492\*\*\* | 0.852 | 0.483\*\* | 1.005 | 0.276\*\* | 0.916 |
| **Education** | 0.823\*\* | 1.036 | 0.746\*\*\* | 1.444\* | 0.967 | 1.059 |
| **Income** | 0.820\*\*\* | 0.909\* | 0.792\*\* | 0.821 | 0.790\* | 1.103 |
| **Employee** | 1.379 | 1.113 | 2.493\*\*\* | 0.859 | 0.786 | 0.769 |
| **Self-employed** | 1.191 | 0.822 | 1.376 | 0.407 | 0.809 | 0.582 |
| **State of the economy** | 0.809\* | 0.782\*\*\* | 0.815 | 0.795 | 0.615\*\* | 0.810 |
| **Interest in politics** | 0.447\*\*\* | 1.300\*\* | 1.432\* | 1.039 | 1.491\* | 1.415\* |
| **Trust in institutions** | 0.458\*\*\* | 0.682\*\* | 0.791 | 0.678 | 0.442\*\* | 0.402\*\*\* |
| **Authoritarian values** | 1.044 | 0.573\*\*\* | 0.728 | 0.272\*\*\* | 0.277\*\*\* | 0.581\*\* |
| **National pride** | 0.752\*\* | 0.649\*\*\* | 0.681\*\* | 0.534\*\* | 0.658\* | 0.687\*\* |
|  |  |  |  |  |  |  |
| Pseudo R2 | 0.13 |  |  |  |  |  |
| Observations | 2,485 |  |  |  |  |  |

**\*Multinomial logit with non-weighted data (Model 3)\***

mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative i.wave, baseoutcome(1) rrr

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Abstainers** | **DPJ/center-left** | **CGP** | **SDP** | **JCP** | **Others** |
|  |
|  |  |  |  |  |  |  |
| **Age** | 0.950\*\*\* | 1.011 | 1.004 | 1.080 | 1.017 | 0.989 |
| **Gender (male)** | 1.206 | 1.179 | 0.876 | 1.790 | 0.634 | 0.756 |
| **Rural residence** | 0.537\* | 0.837 | 0.373\* | 1.499 | 0.933 | 0.889 |
| **Education** | 0.758\*\* | 1.158 | 0.829 | 1.578 | 0.678\* | 0.951 |
| **Income** | 0.871 | 0.926 | 0.929 | 0.888 | 0.808 | 1.114 |
| **Employee** | 1.751\* | 1.149 | 4.160\*\* | 1.949 | 1.041 | 0.727 |
| **Self-employed** | 1.444 | 0.734 | 2.180 | 0.000 | 0.717 | 0.563 |
| **State of the economy** | 0.751\* | 0.682\*\* | 0.722 | 0.377 | 0.526\* | 0.897 |
| **Interest in politics** | 0.406\*\*\* | 1.279 | 1.217 | 1.024 | 1.889\* | 1.270 |
| **Trust in institutions** | 0.437\*\* | 0.376\*\*\* | 0.676 | 0.248 | 0.489 | 0.296\*\*\* |
| **Authoritarian values** | 1.256 | 0.541\*\* | 1.287 | 0.187 | 0.300\*\* | 0.551\* |
| **National pride** | 0.754 | 0.411\*\*\* | 0.530\* | 0.846 | 0.510\* | 0.718 |
| **Immigration negative** | 0.962 | 0.974 | 0.759 | 0.965 | 0.476\* | 0.851 |
|  |  |  |  |  |  |  |
| Pseudo R2 | 0.16 |  |  |  |  |  |
| Observations | 889 |  |  |  |  |  |

**\*Multinomial logit specifying the CDP as the DPJ’s unique successor party in Wave5 (Model 1)\***

mlogit vote\_choice\_cdp se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete i.wave, baseoutcome(1) rrr

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Abstainers** | **DPJ/CDP** | **CGP** | **SDP** | **JCP** | **Others** |
|  |  |  |  |  |  |  |
| **Age** | 0.940\*\*\* | 1.003 | 0.977\*\*\* | 0.999 | 0.998 | 0.990 |
| **Gender (male)** | 0.913 | 0.932 | 0.653\* | 0.774 | 0.689 | 0.747 |
| **Rural residence** | 0.498\*\*\* | 0.775 | 0.561\* | 0.655 | 0.254\*\*\* | 0.865 |
| **Education** | 0.809\*\*\* | 1.038 | 0.743\*\* | 1.241 | 0.979 | 1.020 |
| **Income** | 0.773\*\*\* | 0.924 | 0.788\*\*\* | 0.877 | 0.753\*\* | 1.082 |
| **Employee** | 1.281 | 1.248 | 2.512\*\*\* | 0.931 | 0.835 | 0.990 |
| **Self-employed** | 1.152 | 0.844 | 1.485 | 0.435 | 0.803 | 0.672 |
| **State of the economy** | 0.839\* | 0.787\*\*\* | 0.837 | 0.885 | 0.649\*\* | 0.838 |
| **Interest in politics** | 0.603\*\*\* | 1.157\* | 1.165 | 0.992 | 1.186 | 1.331\* |
| **Trust in institutions** | 0.409\*\*\* | 0.596\*\*\* | 0.704 | 0.501\* | 0.380\*\*\* | 0.337\*\*\* |
| **Authoritarian values** | 1.137 | 0.556\*\*\* | 0.731 | 0.306\*\*\* | 0.204\*\*\* | 0.512\*\*\* |
|  |  |  |  |  |  |  |
| Pseudo R2 | 0.12 |  |  |  |  |  |
| Observations | 2,965 |  |  |  |  |  |

**\*Multinomial logit specifying the CDP as the DPJ’s unique successor party in Wave5 (Model 2)\***

mlogit vote\_choice\_cdp se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride i.wave, baseoutcome(1) rrr

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Abstainers** | **DPJ/CDP** | **CGP** | **SDP** | **JCP** | **Others** |
|  |
|  |  |  |  |  |  |  |
| **Age** | 0.946\*\*\* | 1.006 | 0.981\* | 0.996 | 0.999 | 0.989 |
| **Gender (male)** | 0.971 | 0.942 | 0.617\* | 1.205 | 0.649 | 0.790 |
| **Rural residence** | 0.487\*\*\* | 0.772 | 0.584 | 0.752 | 0.260\*\*\* | 0.828 |
| **Education** | 0.796\*\* | 1.016 | 0.770\* | 1.371\* | 0.974 | 1.024 |
| **Income** | 0.790\*\*\* | 0.929 | 0.784\*\*\* | 0.771 | 0.806 | 1.129 |
| **Employee** | 1.390 | 1.195 | 2.783\*\*\* | 0.814 | 0.731 | 0.833 |
| **Self-employed** | 1.327 | 0.808 | 1.500 | 0.355 | 0.734 | 0.623 |
| **State of the economy** | 0.818\* | 0.785\*\*\* | 0.827 | 0.896 | 0.576\*\* | 0.746\* |
| **Interest in politics** | 0.453\*\*\* | 1.309\*\* | 1.429\* | 0.926 | 1.685\*\* | 1.544\* |
| **Trust in institutions** | 0.468\*\*\* | 0.670\*\* | 0.720 | 0.535 | 0.480\* | 0.395\*\*\* |
| **Authoritarian values** | 1.109 | 0.603\*\*\* | 0.852 | 0.227\*\*\* | 0.264\*\*\* | 0.605\* |
| **National pride** | 0.758\* | 0.653\*\*\* | 0.699\* | 0.637 | 0.622\* | 0.633\*\* |
|  |  |  |  |  |  |  |
| Pseudo R2 | 0.14 |  |  |  |  |  |
| Observations | 2,485 |  |  |  |  |  |

**\*Multinomial logit specifying the CDP as the DPJ’s unique successor party in Wave5 (Model 3)\***

mlogit vote\_choice\_cdp se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete national\_pride immigration\_negative i.wave, baseoutcome(1) rrr

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Abstainers** | **DPJ/CDP** | **CGP** | **SDP** | **JCP** | **Others** |
|  |
|  |  |  |  |  |  |  |
| **Age** | 0.953\*\*\* | 1.014 | 1.005 | 1.096\*\*\* | 1.017 | 0.993 |
| **Gender (male)** | 1.077 | 1.106 | 0.896 | 2.322 | 0.730 | 0.695 |
| **Rural residence** | 0.537\* | 0.947 | 0.514 | 1.286 | 1.082 | 0.903 |
| **Education** | 0.712\*\* | 1.135 | 0.817 | 1.657 | 0.632\* | 0.957 |
| **Income** | 0.849 | 0.971 | 0.888 | 0.886 | 0.842 | 1.128 |
| **Employee** | 1.778\* | 1.159 | 4.702\* | 1.931 | 0.831 | 0.939 |
| **Self-employed** | 1.468 | 0.661 | 2.390 | 0.000\*\*\* | 0.713 | 0.713 |
| **State of the economy** | 0.789 | 0.669\*\* | 0.791 | 0.369 | 0.465\*\* | 0.765 |
| **Interest in politics** | 0.428\*\*\* | 1.419\* | 1.281 | 0.958 | 1.865\* | 1.330 |
| **Trust in institutions** | 0.413\*\* | 0.370\*\*\* | 0.681 | 0.264 | 0.543 | 0.300\*\*\* |
| **Authoritarian values** | 1.381 | 0.551\* | 1.471 | 0.180 | 0.287\*\* | 0.605 |
| **National pride** | 0.761 | 0.423\*\*\* | 0.519\* | 1.048 | 0.474\* | 0.605\* |
| **Immigration negative** | 0.892 | 0.919 | 0.702 | 0.948 | 0.404\*\* | 0.767 |
|  |  |  |  |  |  |  |
| Pseudo R2 | 0.16 |  |  |  |  |  |
| Observations | 889 |  |  |  |  |  |

**\*Hausman-McFadden test for IIA\***

**\*Wave 1\***

quietly mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete if wave==1

mlogtest, iia

**\*Wave 2\***

quietly mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete if wave==2

mlogtest, iia

**\*Wave 3\***

quietly mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete if wave==3

mlogtest, iia

**\*Wave 4\***

quietly mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete if wave==4

mlogtest, iia

**\*Wave 5\***

quietly mlogit vote\_choice se003a\_age se002\_gender\_male rural education\_cont se009\_income hired self\_employed economy\_today interest\_politics institutions\_complete auth7\_complete if wave==5

mlogtest, iia