**Appendix**

**Table A1.** Summary Statisticsof Whole Sample

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **Observations** | **Mean** | **Std. Dev.** | **Min** | **Max** |
| Accuracy Gap | 418,239 | 2.087 | 1.486 | 0.003 | 8.529 |
| Change in Party Family Divergence | 407,691 | -0.037 | 0.588 | -1.822 | 3.777 |
| Female | 527,674 | 0.507 | 0.499 | 0 | 1 |
| Age | 526,802 | 48.097 | 17.25 | 16 | 106 |
| Education | 515,991 | 2.192 | 1.163 | 0 | 4 |
| Individual RILE | 473,721 | 5.088 | 2.284 | 0 | 10 |
| Political Info | 302,086 | 0.668 | 0.3 | 0 | 1 |
| Voter Distance | 472,791 | 2.026 | 1.526 | 0.003 | 8.529 |
| Partisanship | 334,034 | 0.145 | 0.352 | 0 | 1 |
| Party Size | 524,380 | 14.956 | 12.322 | 0.591 | 46.396 |
| Ideological Shift | 483,678 | 0.519 | 0.513 | 0 | 6.201 |
| Radicalism | 527,462 | 0.664 | 0.495 | 0.001 | 2.842 |
| Party Age | 503,038 | 55.78 | 41.655 | 0 | 181 |
| ENEP | 516,400 | 4.893 | 1.31 | 2.74 | 8.84 |
| Party Family Position Shift | 409,721 | 0.264 | 0.2 | 0.001 | 1.168 |

**Table A2.** Summary Statisticsof Effective Sample

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **Observations** | **Mean** | **Std. Dev.** | **Min** | **Max** |
| Accuracy Gap | 122,907 | 2.122 | 1.515 | 0.005 | 8.529 |
| Change in Party Family Divergence | 122,907 | 0.005 | 0.189 | -1.326 | 3.777 |
| Female | 122,907 | 0.432 | 0.495 | 0 | 1 |
| Age | 122,907 | 50.125 | 16.616 | 16 | 99 |
| Education | 122,907 | 2.485 | 1.143 | 0 | 4 |
| Individual RILE | 122,907 | 5.069 | 2.425 | 0 | 10 |
| Political Info | 122,907 | 0.692 | 0.289 | 0 | 1 |
| Voter Distance | 122,907 | 2.196 | 1.545 | 0.005 | 8.529 |
| Partisanship | 122,907 | 0.166 | 0.372 | 0 | 1 |
| Party Size | 122,907 | 17.043 | 12.196 | 1.964 | 46.396 |
| Ideological Shift | 122,907 | 0.542 | 0.55 | 0 | 6.201 |
| Radicalism | 122,907 | 0.681 | 0.501 | 0.001 | 2.842 |
| Party Age | 122,907 | 60.856 | 41.117 | 3 | 181 |
| ENEP | 122,907 | 5.019 | 1.043 | 2.74 | 6.97 |
| Party Family Position Shift | 122,907 | 0.247 | 0.189 | 0.001 | 1.115 |

**Table A3.** Perceived and Actual Party Family Positions

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Perceived** | **Actual** | **Difference** |
| Radical Left | 2.07 | 3.72 | 1.65 |
| Green | 3.28 | 4.08 | 0.80 |
| Social Democratic | 4.03 | 4.26 | 0.23 |
| Center | 5.27 | 4.46 | 0.81 |
| Liberal | 5.68 | 5.02 | 0.66 |
| Christian Democratic | 6.37 | 5.29 | 1.08 |
| Conservative | 7.35 | 5.17 | 2.18 |
| Radical Right | 7.84 | 5.69 | 2.15 |

Note: Average perceived position is calculated from the average of all reported perceptions for that party family from 1996 to 2015. Average actual position is calculated from the average of all party manifesto RILE scores in that party family from 1996 to 2015. Difference is the absolute value of the difference between the two. Source: Nonnemacher (2023)

**Table A4. Estimated Effect of Party Family Divergence (CHES)**

|  |  |  |
| --- | --- | --- |
|  | Model 1  Static | Model 3  Dynamic |
| *Party-Election Level* | |  |
| **Party Family Divergence** | **0.19\*\*\***  **(0.021)** |  |
| **Change in Party Family Divergence** |  | **0.085\*\*\***  **(0.014)** |
| Party Size | -0.006\*\*\*  (0.001) | -0.007\*\*\*  (0.001) |
| Ideological Shift | 0.047\*\*  (0.024) | 0.032  (0.025) |
| Party Family Shift |  | 0.113\*\*  (0.035) |
| Degree of Radicalism | 0.041\*\*  (0.013) | 0.062\*\*\*  (0.014) |
| Party Age | -0.001  (0.001) | -0.001  (0.001) |
| *Individual-Party Level* | |  |
| Voter Distance | 0.072\*\*\*  (0.002) | 0.071\*\*\*  (0.002) |
| Partisanship | 0.071\*\*\*  (0.012) | 0.07\*\*\*  (0.012) |
| *Individual-Level* | |  |
| Female | 0.091\*\*\*  (0.008) | 0.092\*\*\*  (0.008) |
| Age | 0.004\*\*\*  (0.000) | 0.004\*\*\*  (0.000) |
| Education | -0.095\*\*\*  (0.004) | -0.096\*\*\*  (0.004) |
| Individual RILE | 0.004\*\*  (0.002) | 0.005\*\*  (0.002) |
| Political Information | -0.298\*\*\*  (0.016) | -0.304\*\*\*  (0.016) |
| *Country-Election-Level* | |  |
| ENEP | -0.965\*\*\*  (0.096) | -0.94\*\*\*  (0.096) |
| *Party Family Fixed Effects (Reference: Center)* | |  |
| Christian Democracy | 0.158  (0.171) | 0.192  (0.174) |
| Conservative | 0.39\*\*  (0.172) | 0.395\*\*  (0.174) |
| Green | 0.125  (0.185) | 0.14  (0.187) |
| Liberal | 0.063  (0.167) | 0.159  (0.169) |
| Radical Left | -0.133  (0.171) | -0.174  (0.173) |
| Radical Right | 0.184  (0.177) | 0.243  (0.18) |
| Social Democracy | 0.326\*\*  (0.164) | 0.362\*\*  (0.168) |
| Constant | 6.404\*\*\*  (0.431) | 6.017\*\*\*  (0472) |
| N | 92,690 | 92,690 |
| Log Likelihood | -150956.8 | -149297.38 |
| Party Random Effects | 0.039 | 0.04 |
| Year FE | Yes | Yes |
| Country FE | Yes | Yes |

**Note:** All variables that use the party’s position (*accuracy gap, party family divergence, ideological shift, party family shift, radicalism, and voter distance*) use the CHES measure of left-right position. Random effects are based on CHES party IDs.

**Table A5. Estimated Effect with Alternative Measures of Party Family Averages (Static)**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Model 1  No Outliers | Model 2  Within One Year | Model 3  Since Midterm |
| *Party-Election Level* | |  |  |
| **Party Family Divergence** | **0.279\*\*\***  **(0.011)** | **0.253\*\*\***  **(0.01)** | **0.207\*\*\***  **(0.011)** |
| Party Size | 0.018\*\*\*  (0.002) | 0.01\*\*\*  (0.002) | 0.014\*\*\*  (0.002) |
| Ideological Shift | 0.117\*\*\*  (0.009) | 0.09\*\*\*  (0.01) | 0.138\*\*\*  (0.009) |
| Weighted Party Position | -0.271\*\*\*  (0.042) | -0.19\*\*\*  (0.045) | -0.279\*\*\*  (0.043) |
| Degree of Radicalism | -0.492\*\*\*  (0.013) | -0.414\*\*\*  (0.014) | -0.488\*\*\*  (0.013) |
| Party Age | 0.008\*\*  (0.003) | 0.007\*\*  (0.003) | 0.008\*\*  (0.003) |
| *Individual-Party Level* | |  |  |
| Voter Distance | 0.156\*\*\*  (0.002) | 0.16\*\*\*  (0.002) | 0.159\*\*\*  (0.002) |
| Partisanship | 0.056\*\*\*  (0.009) | 0.063\*\*\*  (0.01) | 0.058\*\*\*  (0.002) |
| *Individual-Level* | |  |  |
| Female | 0.096\*\*\*  (0.007) | 0.093\*\*\*  (0.007) | 0.095\*\*\*  (0.007) |
| Age | 0.003\*\*\*  (0.000) | 0.003\*\*\*  (0.000) | 0.003\*\*\*  (0.000) |
| Education | -0.03\*\*\*  (0.003) | -0.029\*\*\*  (0.003) | -0.029\*\*\*  (0.003) |
| Individual RILE | -0.028\*\*\*  (0.001) | -0.03\*\*\*  (0.001) | -0.028\*\*\*  (0.001) |
| Political Information | -0.071\*\*\*  (0.012) | -0.083\*\*\*  (0.013) | -0.077\*\*\*  (0.013) |
| *Country-Election-Level* | |  |  |
| ENEP | -0.028\*  (0.015) | -0.029\*  (0.016) | -0.054\*\*\*  (0.015) |
| *Party Family Fixed Effects (Reference: Center)* | |  |  |
| Christian Democracy | 0.766\*  (0.444) | 0.016  (0.709) | 0.59  (0.525) |
| Conservative | 1.311\*\*  (0.441) | 0.687  (0.703) | 1.23\*\*  (0.521) |
| Green | 0.621  (0.505) | -0.208  (0.758) | 0.4  (0.577) |
| Liberal | 0.189  (0.461) | -0.53  (0.725) | 0.012  (0.541) |
| Radical Left | 1.252\*\*  (0.443) | 0.448  (0.711) | 1.069\*\*  (0.527) |
| Radical Right | 2.058\*\*\*  (0.466) | 1.275\*  (0.727) | 1.898\*\*  (0.547) |
| Social Democracy | -0.2  (0.433) | -0.83  (0.694) | -0.316  (0.511) |
| Constant | 1.022\*  (0.536) | 1.833\*\*  (0.776) | 1.372\*\*  (0.608) |
| N | 144,986 | 133,418 | 140,626 |
| Log Likelihood | -235021.66 | -217222.14 | -228722.24 |
| Party Random Effects | 0.407 | 0.38 | 0.399 |
| Year FE | Yes | Yes | Yes |
| Country FE | Yes | Yes | Yes |

**Note:** Model 1 calculates the average party family position without any values that would be considered outliers. Model 2 calculates the average party family position using only the left-right positions of foreign parties that competed in elections within one year of the focal election. Model 3 calculates the average party family position using only the left-right positions of foreign parties that competed in elections since the midterm of the focal election and its previous election. These alternative averages are used for the party family divergence scores.

**Table A6. Estimated Effect with Alternative Measures of Party Family Averages (Dynamic)**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Model 1  No Outliers | Model 2  Within One Year | Model 3  Since Midterm |
| *Party-Election Level* | |  |  |
| **Change in Party Family Divergence** | **0.167\*\*\***  **(0.009)** | **0.114\*\*\***  **(0.007)** | **0.101\*\*\***  **(0.007)** |
| Party Size | 0.03\*\*\*  (0.003) | 0.022\*\*\*  (0.003) | 0.023\*\*\*  (0.003) |
| Ideological Shift | 0.154\*\*\*  (0.01) | 0.198\*\*\*  (0.011) | 0.203\*\*\*  (0.011) |
| Party Family Shift | -0.011  (0.026) | 0.136\*\*\*  (0.014) | 0.023  (0.016) |
| Weighted Party Position | -0.647\*\*\*  (0.051) | -0.506\*\*\*  (0.056) | -0.534\*\*\*  (0.053) |
| Degree of Radicalism | -0.464\*\*\*  (0.014) | -0.443\*\*\*  (0.017) | -0.506\*\*\*  (0.015) |
| Party Age | 0.008\*\*  (0.003) | 0.002\*\*\*  (0.000) | 0.008\*\*  (0.003) |
| *Individual-Party Level* | |  |  |
| Voter Distance | 0.16\*\*\*  (0.002) | 0.163\*\*\*  (0.003) | 0.162\*\*\*  (0.002) |
| Partisanship | 0.082\*\*\*  (0.01) | 0.093\*\*\*  (0.011) | 0.092\*\*\*  (0.01) |
| *Individual-Level* | |  |  |
| Female | 0.095\*\*\*  (0.007) | 0.089\*\*\*  (0.008) | 0.093\*\*\*  (0.007) |
| Age | 0.002\*\*\*  (0.000) | 0.002\*\*\*  (0.000) | 0.002\*\*\*  (0.000) |
| Education | -0.027\*\*\*  (0.003) | -0.026\*\*\*  (0.004) | -0.025\*\*\*  (0.003) |
| Individual RILE | -0.03\*\*\*  (0.002) | -0.031\*\*\*  (0.002) | -0.029\*\*\*  (0.002) |
| Political Information | -0.059\*\*\*  (0.014) | -0.087\*\*\*  (0.015) | -0.06\*\*\*  (0.014) |
| *Country-Election-Level* | |  |  |
| ENEP | 0.011  (0.016) | 0.097\*\*\*  (0.019) | 0.057\*\*  (0.017) |
| *Party Family Fixed Effects (Reference: Center)* | |  |  |
| Christian Democracy | 0.756\*  (0.454) | -0.027  (0.677) | 0.574  (0.547) |
| Conservative | 1.463\*\*  (0.447) | 0.736  (0.669) | 1.254\*\*  (0.539) |
| Green | 0.568  (0.512) | -0.393  (0.733) | 0.31  (0.597) |
| Liberal | 0.162  (0.468) | -0.658  (0.707) | -0.042  (0.56) |
| Radical Left | 1.212\*\*  (0.45) | 0.246  (0.679) | 0.992\*  (0.546) |
| Radical Right | 2.12\*\*\*  (0.474) | 1.241\*  (0.7) | 1.836\*\*  (0.568) |
| Social Democracy | -0.253  (0.439) | -0.899  (0.659) | -0.427  (0.529) |
| Constant | 0.618  (0.549) | 0.973  (0.759) | 0.683  (0.635) |
| N | 122,115 | 108,113 | 118,399 |
| Log Likelihood | -198531.22 | -176553.84 | -192979.58 |
| Party Random Effects | 0.417 | 0.342 | 0.427 |
| Year FE | Yes | Yes | Yes |
| Country FE | Yes | Yes | Yes |

**Note:** Model 1 calculates the average party family position without any values that would be considered outliers. Model 2 calculates the average party family position using only the left-right positions of foreign parties that competed in elections within one year of the focal election. Model 3 calculates the average party family position using only the left-right positions of foreign parties that competed in elections since the midterm of the focal election and its previous election. These alternative averages are used for the change in divergence scores and the party family shift values.

**Table A7.** Effect of Party Family Divergence (Static) on Accuracy Gap

|  |  |
| --- | --- |
|  | Model 1 |
| *Party-Election Level* | |
| **Party Family Divergence** | **0.28\*\*\***  **(0.011)** |
| Party Size | 0.017\*\*\*  (0.002) |
| Ideological Shift | 0.118\*\*\*  (0.009) |
| Weighted Party Position | -0.263\*\*\*  (0.042) |
| Degree of Radicalism | -0.49\*\*\*  (0.013) |
| Party Age | 0.003\*\*\*  (0.000) |
| *Individual-Party Level* | |
| Voter Distance | 0.157\*\*\*  (0.002) |
| Partisanship | 0.058\*\*\*  (0.009) |
| *Individual-Level* | |
| Female | 0.095\*\*\*  (0.007) |
| Age | 0.003\*\*\*  (0.000) |
| Education | -0.03\*\*\*  (0.003) |
| Individual RILE | -0.028\*\*\*  (0.001) |
| Political Information | -0.072\*\*\*  (0.012) |
| *Country-Election-Level* | |
| ENEP | -0.029\*\*  (0.015) |
| *Party Family Fixed Effects (Reference: Center)* | |
| Christian Democracy | 0.761\*  (0.444) |
| Conservative | 1.305\*\*  (0.441) |
| Green | 0.617  (0.505) |
| Liberal | 0.187  (0.461) |
| Radical Left | 1.248\*\*  (0.443) |
| Radical Right | 2.052\*\*\*  (0.466) |
| Social Democracy | -0.198  (0.432) |
| Constant | 1.026\*  (0.535) |
| N | 145,778 |
| Log Likelihood | -236387.04 |
| Party Random Effects | 0.407 |
| Year FE | Yes |
| Country FE | Yes |

**Note**: Party family divergence is the absolute value of the difference between the party’s position and the party family position at the time of the election.

**Table A8.** Estimated Effect of Actual Divergence on Perceived Divergence

|  |  |
| --- | --- |
| DV: Perceived Party Family Divergence | Model 1 |
| *Party-Election Level* | |
| **Party Family Divergence** | **0.151\*\*\***  **(0.011)** |
| Party Size | 0.001  (0.002) |
| Ideological Shift | -0.061\*\*\*  (0.009) |
| Weighted Party Position | 0.061  (0.041) |
| Degree of Radicalism | 0.015  (0.013) |
| Party Age | 0.003\*\*\*  (0.000) |
| *Individual-Party Level* | |
| Voter Distance | 0.158\*\*\*  (0.002) |
| Partisanship | 0.069\*\*\*  (0.009) |
| *Individual-Level* | |
| Female | 0.093\*\*\*  (0.006) |
| Age | 0.003\*\*\*  (0.000) |
| Education | -0.025\*\*\*  (0.003) |
| Individual RILE | -0.032\*\*\*  (0.001) |
| Political Information | -0.057\*\*\*  (0.012) |
| *Country-Election-Level* | |
| ENEP | 0.074\*\*\*  (0.014) |
| *Party Family Fixed Effects (Reference: Center)* | |
| Christian Democracy | 0.29  (0.348) |
| Conservative | 0.679\*\*  (0.345) |
| Green | 0.06  (0.395) |
| Liberal | -0.108  (0.361) |
| Radical Left | 0.534  (0.347) |
| Radical Right | 1.412\*\*\*  (0.365) |
| Social Democracy | -0.415  (0.339) |
| Constant | 0.804\*  (0.423) |
| N | 145,778 |
| Log Likelihood | -235265.95 |
| Party Random Effects | 0.249 |
| Year FE | Yes |
| Country FE | Yes |

**Table A9.** Estimated Effect of Perceived Divergence on Misperception

|  |  |
| --- | --- |
|  | Model 1 |
| *Party-Election Level* | |
| **Perceived Party Family Divergence** | **0.887\*\*\***  **(0.001)** |
| Party Family Divergence | 0.145\*\*\*  (0.005) |
| Party Size | 0.016\*\*\*  (0.001) |
| Ideological Shift | 0.173\*\*\*  (0.004) |
| Weighted Party Position | -0.314\*\*\*  (0.02) |
| Degree of Radicalism | -0.504\*\*\*  (0.006) |
| Party Age | 0.003\*  (0.002) |
| *Individual-Party Level* | |
| Voter Distance | 0.017\*\*\*  (0.001) |
| Partisanship | -0.003  (0.004) |
| *Individual-Level* | |
| Female | 0.012\*\*\*  (0.003) |
| Age | 0.000\*\*\*  (0.000) |
| Education | -0.007\*\*\*  (0.001) |
| Individual RILE | -0.000  (0.001) |
| Political Information | -0.021\*\*\*  (0.006) |
| *Country-Election-Level* | |
| ENEP | -0.094\*\*\*  (0.007) |
| *Party Family Fixed Effects (Reference: Center)* | |
| Christian Democracy | 0.503  (0.335) |
| Conservative | 0.703\*\*  (0.332) |
| Green | 0.564  (0.38) |
| Liberal | 0.283  (0.347) |
| Radical Left | 0.775\*\*  (0.335) |
| Radical Right | 0.8\*\*  (0.351) |
| Social Democracy | 0.17  (0.326) |
| Constant | 0.31  (0.399) |
| N | 145,778 |
| Log Likelihood | -127808.35 |
| Party Random Effects | 0.231 |
| Year FE | Yes |
| Country FE | Yes |

**A comparison of a line graph

Description automatically generated**

**Figure A1.** Estimated Perception Accuracy Gap by Directional Party Family Divergence

Note: Estimates based on Table A10

**Table A10.** Estimated Effect of Relative Divergence on Perception Accuracy

|  |  |
| --- | --- |
|  | Model 1 |
| *Party-Election Level* | |
| **Relative Party Family Divergence Squared** | **0.295\*\*\***  **(0.012)** |
| Left Party | -0.089\*\*\*  (0.017) |
| **Relative Party Family Divergence Squared\* Left** | **-0.188\*\*\***  **(0.013)** |
| Party Size | -0.014\*\*\*  (0.003) |
| Ideological Shift | 0.062\*\*\*  (0.012) |
| Weighted Party Position | 0.389\*\*\*  (0.065) |
| Radicalism | -0.429\*\*\*  (0.014) |
| Party Age | 0.008\*\*  (0.003) |
| *Individual-Party Level* | |
| Voter Distance | 0.158\*\*\*  (0.002) |
| Partisanship | 0.059\*\*\*  (0.009) |
| *Individual-Level* | |
| Female | 0.095\*\*\*  (0.007) |
| Age | 0.003\*\*\*  (0.000) |
| Education | -0.03\*\*\*  (0.003) |
| Individual RILE | -0.029\*\*\*  (0.001) |
| Political Information | -0.07\*\*\*  (0.012) |
| *Country-Election-Level* | |
| ENEP | -0.048\*\*  (0.015) |
| *Party Family Fixed Effects* | |
| Christian Democracy | 0.702\*  (0.418) |
| Conservative | 1.2\*\*  (0.415) |
| Green | 0.545  (0.475) |
| Liberal | 0.137  (0.434) |
| Radical Left | 1.208\*\*  (0.417) |
| Radical Right | 1.925\*\*\*  (0.438) |
| Social Democracy | -0.184  (0.407) |
| Constant | 1.191\*\*  (0.505) |
| N | 145,778 |
| Log Likelihood | -236063.54 |
| Party Random Effects | 0.36 |
| Year FE | Yes |
| Country FE | Yes |

**Table A11.** Summary Statisticsof GLES Panel

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **Observations** | **Mean** | **Std. Dev.** | **Min** | **Max** |
| Misperception | 164,145 | 1.85 | 1.411 | 0.013 | 7.096 |
| Party Family Divergence | 272,898 | 0.269 | 0.229 | 0.008 | 0.78 |
| Change in Party Family Divergence | 267,924 | -0.139 | 0.461 | -2.576 | 0.519 |
| Prior Party Family Divergence | 267,924 | 0.401 | 0.426 | 0.008 | 2.778 |
| Party Family Shift | 267,924 | 0.206 | 0.164 | 0.008 | 0.601 |
| Misperception Lag | 60,603 | 1.789 | 1.389 | 0.02 | 7.096 |
| Gender | 277,860 | 0.519 | 0.5 | 0 | 1 |
| Age | 234,246 | 46.136 | 14.66 | 16 | 98 |
| Size | 272,898 | 15.894 | 9.015 | 4.7 | 41.5 |
| Individual RILE | 175,812 | 4.512 | 2.052 | 0 | 10 |
| Voter-Party Distance | 171,422 | 1.786 | 1.403 | 0.013 | 7.095 |
| Party Shift | 267,924 | 0.368 | 0.456 | 0.001 | 2.788 |
| Voter for Party | 153,624 | 0.108 | 0.311 | 0 | 1 |
| Governing Status | 277,872 | 0.333 | 0.471 | 0 | 1 |

**Table A12:** Estimated Effect of Actual Divergence At Time of Election

|  |  |
| --- | --- |
|  | Model 1 |
| *Party-Election Level* |  |
| **Party Family Divergence** | **0.652\*\***  **(0.188)** |
| Party Family Divergence Lag (t-1) | 0.457\*\*\*  (0.104) |
| Party Size | 0.017\*\*\*  (0.005) |
| Ideological Shift | 0.111  (0.205) |
| Governing Status | 0.247\*\*\*  (0.067) |
| *Individual Level* |  |
| Female | 0.038\*  (0.021) |
| Age | -0.001  (0.001) |
| Individual RILE | 0.018\*\*\* (0.005) |
| *Individual-Party Level* | |
| Inaccuracy Lag (t-1) | 0.354\*\*\*  (0.007) |
| Voter Distance | 0.158\*\*\*  (0.007) |
| Voter | -0.34\*\*\*  (0.022) |
| Constant | 0.27  (0.309) |
| N | 16,732 |
| Log Likelihood | -24631.869 |
| Individual Random Effects | 0.153 |
| Party FE | Y |
| Year FE | Y |

**Table A13.** Estimated Effect of Perceived Party Family Divergence (GLES)

|  |  |  |
| --- | --- | --- |
|  | Model 1 | Model 2 |
| *Individual-Party Level* |  |  |
| **Perceived Party Family Divergence** | **0.963\*\*\***  **(0.002)** |  |
| **Change in Party Family Perceived Divergence** |  | **0.951\*\*\***  **(0.002)** |
| Misperception Lag (t-1) | -0.201\*\*\*  (0.01) | 0.957\*\*\*  (0.002) |
| Perceived Party Family Divergence Lag (t-1) | 0.204\*\*\*  (0.01) |  |
| Voter Distance | -0.004\*\*  (0.002) | 0.002  (0.002) |
| Voter | 0.029\*\*\*  (0.006) | 0.015\*\*  (0.007) |
| *Party-Election Level* |  |  |
| Party Size | 0.008\*\*\*  (0.001) | 0.011\*\*\*  (0.001) |
| Ideological Shift | 0.304\*\*\*  (0.047) | 0.916\*\*\*  (0.062) |
| Party Family Shift |  | 0.91\*\*\*  (0.055) |
| Governing Status | 0.161\*\*\*  (0.015) | 0.233\*\*\*  (0.018) |
| *Individual Level* |  |  |
| Female | 0.025\*\*\*  (0.005) | 0.015\*\*  (0.005) |
| Age | -0.001\*\*  (0.000) | -0.006\*\*  (0.000) |
| Individual RILE | 0.014\*\*\*  (0.001) | 0.011\*\*\*  (0.001) |
| Constant | -0.796\*\*\*  (0.04) | -1.119\*\*\*  (0.05) |
| N | 16,732 | 16,732 |
| Log Likelihood | -1998.011 | -4199.675 |
| Individual Random Effects | 0.008 | 0.003 |
| Party FE | Y | Y |
| Year FE | Y | Y |

**Table A14. Estimated Effect with Alternative Measures of Party Family Averages (Static)**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Model 1  No Outliers | Model 2  One Year | Model 3  Midterm |
| *Party-Election Level* |  |  |  |
| **Party Family Divergence** | **0.233\*\***  **(0.082)** | **1.398**  **(0.856)** | **0.463\*\*\***  **(0.126)** |
| Party Family Divergence Lag (t-1) | 0.392\*\*\*  (0.052) | -2.097\*\*  (0.891) | 0.506\*\*\*  (0.08) |
| Party Size | -0.003  (0.004) | 0.007  (0.01) | 0.003  (0.004) |
| Ideological Shift | -0.043  (0.19) | 1.845  (1.53) | -0.067  (0.191) |
| Governing Status | 0.114\*\*  (0.057) | 1.46\*\*  (0.625) | 0.059  (0.058) |
| *Individual Level* |  |  |  |
| Female | 0.038\*  (0.021) | 0.128\*\*  (0.061) | 0.038\*  (0.021) |
| Age | -0.001  (0.001) | 0.004\*  (0.002) | -0.001  (0.001) |
| Individual RILE | 0.018\*\*\*  (0.005) | -0.019  (0.014) | 0.018\*\*\*  (0.005) |
| *Individual-Party Level* | | |  |
| Inaccuracy Lag (t-1) | 0.353\*\*\*  (0.007) | 0.071\*\*  (0.024) | 0.355\*\*\*  (0.007) |
| Voter Distance | 0.158\*\*\*  (0.007) | 0.169\*\*\*  (0.02) | 0.157\*\*\*  (0.007) |
| Voter | -0.343\*\*\*  (0.022) | 0.004  (0.072) | -0.34\*\*\*  (0.022) |
| Constant | 1.113\*\*\*  (0.203) | -0.383  (0.481) | 0.995\*\*\*  (0.171) |
| N | 16,732 | 1,776 | 16,732 |
| Log Likelihood | -24616.095 | -2624.6399 | -24620.844 |
| Individual Random Effects | 0.153 | 0.146 | 0.153 |
| Party FE | Yes | Yes | Yes |
| Year FE | Yes | Yes | Yes |

**Note:** Model 1 calculates the average party family position without any values that would be considered outliers. Model 2 calculates the average party family position using only the left-right positions of foreign parties that competed in elections within one year of the focal election. Model 3 calculates the average party family position using only the left-right positions of foreign parties that competed in elections since the midterm of the focal election and its previous election. These alternative averages are used for the party family divergence scores.

**Table A15. Estimated Effect with Alternative Measures of Party Family Averages (Dynamic)**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Model 1  No Outliers | Model 2  One Year | Model 3  Midterm |
| *Party-Election Level* |  |  |  |
| **Change in Party Family Divergence** | **0.226\*\*\***  **(0.057)** | **0.115**  **(0.1)** | **0.523\*\*\***  **(0.093)** |
| Party Family Divergence Lag (t-1) | 0.638\*\*\*  (0.115) | -0.533\*  (0.322) | -0.537\*  (0.287) |
| Party Size | -0.012\*\*  (0.005) | -0.004  (0.005) | -0.008\*  (0.005) |
| Ideological Shift | -0.275  (0.208) | -1.113  (0.762) | 0.537\*  (0.28) |
| Party Family Shift | -0.029  (0.081) | -4.602\*\*\*  (0.764) | 1.819\*\*\*  (0.452) |
| Governing Status | 0.052  (0.058) | 2.095\*\*\*  (0.236) | -0.122\*  (0.067) |
| *Individual Level* |  |  |  |
| Female | 0.038\*  (0.021) | 0.128\*\*  (0.061) | 0.038\*  (0.021) |
| Age | -0.001  (0.001) | 0.004\*  (0.002) | -0.001  (0.001) |
| Individual RILE | 0.018\*\*\*  (0.005) | -0.019  (0.014) | 0.018\*\*\*  (0.005) |
| *Individual-Party Level* | | |  |
| Inaccuracy Lag (t-1) | 0.355\*\*\*  (0.007) | 0.071\*\*  (0.024) | 0.354\*\*\*  (0.007) |
| Voter Distance | 0.158\*\*\*  (0.007) | 0.169\*\*\*  (0.02) | 0.158\*\*\* (0.007) |
| Voter | -0.341\*\*\*  (0.022) | 0.004  (0.072) | -0.341\*\*\*  (0.022) |
| Constant | 2.512\*\*\*  (0.323) | 4.039\*\*\*  (0.536) | 2.111\*\*\*  (0.428) |
| N | 16,732 | 1,776 | 16,732 |
| Log Likelihood | -24612.229 | -2624.6399 | -24611.897 |
| Individual Random Effects | 0.154 | 0.146 | 0.154 |
| Party FE | Yes | Yes | Yes |
| Year FE | Yes | Yes | Yes |

**Note:** Model 1 calculates the average party family position without any values that would be considered outliers. Model 2 calculates the average party family position using only the left-right positions of foreign parties that competed in elections within one year of the focal election. Model 3 calculates the average party family position using only the left-right positions of foreign parties that competed in elections since the midterm of the focal election and its previous election. These alternative averages are used for the change in divergence scores and the party family shift values.

**Table A16.** Estimated Effect of Party Family Divergence on Perceived Divergence (GLES)

|  |  |  |
| --- | --- | --- |
|  | Model 1 | Model 2 |
| *Party-Election Level* |  |  |
| **Party Family Divergence** | **0.385\*\***  **(0.189)** |  |
| **Change in Party Family Divergence** |  | **0.184\*\***  **(0.082)** |
| Party Family Divergence Lag (t-1) | -0.045  (0.105) |  |
| Party Size | 0.01\*\*  (0.005) | 0.006  (0.004) |
| Ideological Shift | -0.05  (0.208) | 0.141  (0.237) |
| Party Family Shift |  | 0.39\*\*  (0.188) |
| Governing Status | 0.067  (0.067) | 0.065  (0.064) |
| *Individual Level* |  |  |
| Female | 0.014  (0.021) | 0.014  (0.021) |
| Age | 0.000  (0.001) | 0.000  (0.001) |
| Individual RILE | 0.006  (0.005) | 0.006  (0.005) |
| *Individual-Party Level* |  |  |
| Perceived Divergence Lag (t-1) | 0.368\*\*\*  (0.007) | 0.367\*\*\*  (0.007) |
| Voter Distance | 0.167\*\*\*  (0.007) | 0.167\*\*\*  (0.007) |
| Voter | -0.382\*\*\*  (0.023) | -0.383\*\*\*  (0.023) |
| Constant | 1.443\*\*\*  (0.311) | 1.573\*\*\*  (0.225) |
| N | 16,732 | 16,732 |
| Log Likelihood | -24684.404 | -24683.263 |
| Individual Random Effects | 0.131 | 0.131 |
| Party FE | Y | Y |
| Year FE | Y | Y |