**Web Appendix**

In these appendices I present supplementary material to the analyses presented in the paper “Was Duverger Correct?” These include a description of the data sources used in the paper and graphical presentations of the distributions of electoral outcomes being studied in the multivariate analysis. I also present the estimates from an alternative estimation of the vote-shares data as well as specifications of the model that include a separate control for Canada, India, and UK elections to see if these cases are significantly different from other plurality systems.

Appendix 1: Data Sources

Appendix 2: Distribution of the Effective Number of Parties Getting Votes

Appendix 3: Distribution of Electoral Support for the First, Second, Third, and All Other Parties

Appendix 4: Distribution of the SF ratio

Appendix 5: Distribution of the TF ratio

Appendix 6: Distribution of the Combined Support for Parties Finishing Third or Worse

Appendix 7: Table 1 with Analysis from UK 2010 Election instead of 1997 Election

**Appendix 1: Data Sources**

|  |  |  |
| --- | --- | --- |
| **Country** | **Year** | **Sources** |
| Albania | 2005 | Electoral Agency (www.cec.org.al/) |
| Austria | 1995 | Caramani (2000) |
| Bahamas | 2002 | www.fredmitchelluncensored.com/electiondetail.html |
| Bangladesh | 2001 | Electoral Agency (www.ecs.gov.bd/Bangla/) |
| Barbados | 2003 | www.cohobblopot.org |
| Belize | 2003 | Adam Carr’s Elections Archive (psephos.adam-carr.net/) |
| Bermuda | 2003 | Parliamentary Registry (www.elections.gov.bm/) |
| Bolivia | 2002 | Brancati (2007) |
| Botswana | 1999 | Independent Electoral Commission (www.gov.bw/elections) |
| Canada | 2000 | Elections Canada (www.elections.ca/home.asp) |
| Comoros | 2004 | Adam Carr’s Elections Archive (psephos.adam-carr.net/) |
| Dominica | 2002 | www.avirtualdominica.com/election2000/election2000.htm |
| France | 2007 | Ministry of the Interior (www.interieur.gouv.fr/) |
| Germany | 2005 | Federal Returning Officer (http://www.bundeswahlleiter.de/) |
| Ghana | 2000 | Electoral Commission (www.ec.gov.gh/) |
| Greece | 1996 | Caramani (2000) |
| Grenada | 1999 | www.spiceisle.com |
| Haiti | 2006 | Electoral Council (www.cep-ht.org/) |
| Honduras | 2001 | National Electoral Agency (www.tne.hn/) |
| Hungary | 1998 | National Electoral Tribunal (www.tne.hn/) |
| India | 1999 | Electoral Commission (www.eci.gov.in/) |
| Italy | 2001 | Brancati (2007) |
| Jamaica | 1997 | Electoral Office (www.eoj.com.jm/) |
| Japan | 2005 | Adam Carr’s Elections Archive (psephos.adam-carr.net/) |
| Kiribati | 2002 | Adam Carr’s Elections Archive (psephos.adam-carr.net/) |
| Lesotho | 2007 | Electoral Comission (www.iec.org.ls) |
| Lithuania | 2000 | University of Essex (www2.essex.ac.uk/elect/database/database.asp) |
| Malawi | 1999 | SDNP (www.sdnp.org.mw) |
| Marshall Islands | 2001 | Adam Carr’s Elections Archive (psephos.adam-carr.net/) |
| Mexico | 2003 | Brancati (2007) |
| Micronesia | 2003 | Brancati (2007) |
| New Zealand | 2002 | Chief Electoral Agency (www.electionresults.govt.nz/) |
| Niger | 1999 | Brancati (2007) |
| Panama | 1999 | Electoral Tribunal (www.tribunal-electoral.gob.pa/) |
| Peru | 2001 | National Office of Electoral Processes (www.onpe.gob.pe/) |
| Russia | 1999 | University of Essex (www2.essex.ac.uk/elect/database/database.asp) |
| Samoa | 2001 | Adam Carr’s Elections Archive (psephos.adam-carr.net/) |
| Scotland | 2003 | Electoral Comission (www.electoralcommission.org.uk/) |
| Solomon Islands | 2001 | Adam Carr’s Elections Archive (psephos.adam-carr.net/) |
| Spain | 1996 | Caramani (2000) |
| St. Kitts | 2000 | St Kitts Bee (www.skbee.com/) |
| St. Lucia | 2001 | Electoral Commission (www.stlucia.gov.lc/) |
| St. Vincent | 2001 | Adam Carr’s Elections Archive (psephos.adam-carr.net/) |
| Switzerland | 1998 | Caramani (2000) |
| Thailand | 2005 | Adam Carr’s Elections Archive (psephos.adam-carr.net/) |
| Trinidad and Tobago | 2002 | Trinidad and Tobago News (www.trinidadandtobagonews.com) |
| Tuvalu | 2002 | Adam Carr’s Elections Archive (psephos.adam-carr.net/) |
| Ukraine | 1998 | University of Essex (www2.essex.ac.uk/elect/database/database.asp) |
| United Kingdom | 1997 | Caramani (2000) |
| United States | 2002 | Federal Elections Commission (www.fec.gov) |
| Vanuatu | 2002 | Adam Carr’s Elections Archive (psephos.adam-carr.net/) |
| Venezuela | 2000 | National Electoral Court (www.cne.gov.ve/) |
| Wales | 2007 | Electoral Comission (www.electoralcommission.org.uk/) |
| Zambia | 2001 | Kollman et al (2008) |

**Appendix 2: Distribution of the Effective Number of Parties Getting Votes (Capped so that Districts with ENPV>10 Equal 10)[[1]](#footnote-1)**



**Appendix 3: Distribution of Electoral Support for the First, Second, Third, and All Other Parties**



**Appendix 4: Distribution of SF Ratios**



**Appendix 5: Distribution of the TF Ratio (Truncated to exclude cases where TF>3 to facilitate presentation)**



**Appendix 6: Combined Support for Parties Finishing Third or Worse**



**Appendix 7: Multi-Level Model of Election Outcomes in Single-Member Districts in Pure Plurality Countries, Controlling for Canada, India, and the UK Using the 2010 UK Election**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Effective Number of Parties Getting Votes | % Third or Worse Parties | SF Ratio | TF Ratio | Effective Number of Parties Getting Votes | % Third or Worse Parties | SF Ratio | TF Ratio |
| Constant | 2.205\*\*\* | 0.071\*\* | 0.156\*\* | 0.117 | 2.123\*\*\* | 0.054\* | 0.111\* | 0.100 |
|  | (0.148) | (0.023) | (0.048) | (0.128) | (0.296) | (0.027) | (0.052) | (0.139) |
| Canada, India, the United Kingdom |  |  |  |  | 0.529 | 0.117 | 0.292\* | 0.108 |
|  |  |  |  | (0.600) | (0.069) | (0.111) | (0.281) |
| Concurrent Plurality Presidential Election | 0.138 | 0.060 | 0.196° | 0.104 | 0.167 | 0.067 | 0.211° | 0.109 |
| (0.391) | (0.058) | (0.105) | (0.241) | (0.529) | (0.061) | (0.109) | (0.248) |
| New Democracy | -0.324 | -0.045 | -0.049 | -0.185 | -0.242 | -0.027 | -0.004 | -0.169 |
| (0.319) | (0.049) | (0.088) | (0.198) | (0.444) | (0.051) | (0.091) | (0.208) |
| Federal Country | 0.191 | 0.053 | 0.133 | 0.082 | 0.066 | 0.025 | 0.063 | 0.056 |
| (0.271) | (0.044) | (0.093) | (0.192) | (0.444) | (0.042) | (0.081) | (0.208) |
| Ln(population) | 0.042 | 0.008 | 0.015 | 0.009 | 0.008 | 0.001 | -0.004 | 0.002 |
| (0.043) | (0.007) | (0.013) | (0.026) | (0.068) | (0.008) | (0.013) | (0.032) |
| Ethnic Divisions | 0.797 | 0.106 | 0.090 | 0.575° | 0.919 | 0.133 | 0.157 | 0.600° |
| (0.758) | (0.108) | (0.195) | (0.309) | (0.691) | (0.104) | (0.177) | (0.324) |
| National Variance Component | 0.430\*\*\* | 0.009\*\*\* | 0.032\*\*\* | 0.090\*\*\* | 0.436\*\*\* | 0.009\*\*\* | 0.028\*\*\* | 0.096\*\*\* |
| District Variance Component | 0.362\*\*\* | 0.008\*\*\* | 0.062\*\*\* | 0.085\*\*\* | 0.362\*\*\* | 0.008\*\*\* | 0.062\*\*\* | 0.085\*\*\* |
| Multilevel OLS Regression, Standard Errors in Parentheses,  ° p<0.10, \* p<0.05, \*\* p<0.01, \*\*\* p<0.001  N Countries = 22, N Districts =3207 in all models | | | | | | | | |

1. In the analysis, the effective number of parties getting votes is analyzed no matter how large-this change was made here for convenience in presenting the graphics. [↑](#footnote-ref-1)