# Appendix to the Paper:

# Elite Change without Regime Change: Authoritarian Persistence in Africa and the End of the Cold War

## Contents


**A1 Coding Corrections to GWF Regime Type, Elections, and Failed Coups A1**

**A2 Descriptive Statistics A2**
A2.1 Geddes, Wright, and Frantz (GWF) Autocracies Samples . . . . . A2
A2.2 Lexical Index of Electoral Democracy (LIED) Autocracies Samples . . . . . A7
A2.3 Varieties of Democracy Regimes of the World (VDem ROW) Autocracies Samples . . . . . A11
A2.4 GWF Balanced Sample . . . . . A16
A2.5 CWE Surviving Leaders Sample . . . . . A17

**A3 Models of Minister Survival Across Samples and Specifications A19**
A3.1 Pooled Logit Models . . . . . A19
A3.2 Conditional Logit Models (Leader Fixed Effects) . . . . . A24
A3.3 Models of Minister Survival with Balanced Sample . . . . . A29
A3.4 Models of Minister Survival with CWE Surviving Leaders Sample . . . . . A31

**A4 Senior Minister Exit Analyses A34**
A4.1 Pooled Logit Models from Figure 5 . . . . . A34
A4.2 Pooled Logit Models of Minister Survival, Senior Minister Only Sample . . . A36
A4.3 Conditional Logit (Leader Fixed Effects) Models of Minister Survival, Senior Minister Only Sample . . . . . A42

**A5 Coercive Portfolio Minister Exit Analyses A48**
A5.1 Pooled Logit Models from Figure 6 . . . . . A48
A5.2 Pooled Logit Models of Minister Survival, Coercive Portfolio Minister Only Sample . . . . . A50
A5.3 Conditional Logit (Leader Fixed Effects) Models of Minister Survival, Coercive Portfolio Minister Only Sample . . . . . A56

**A6 High Prestige Minister Exit Analyses A62**
A6.1 Pooled Logit Models . . . . . A62
A6.2 Pooled Logit Models of Minister Survival, High Prestige Minister Only Sample A64
A6.3 Conditional Logit (Leader Fixed Effects) Model of Minister Survival, High Prestige Minister Only Sample . . . . . A70

**A7 Yearly Leader and Minister Turnover A76**

**A8 Additional Placebo Tests A76**

A8.1 Five Year Placebo Test, Conditional Logit (Leader Fixed Effects) . . . . . A76
A8.2 Three Year Placebo Test, Pooled Logit . . . . . A78
A8.3 Three Year Placebo Test, Conditional Logit (Leader Fixed Effects) . . . . . A79

**A9 Logit Model of Senior Minister Exit Across Cold War, Cold War End, and Post-Cold War A80**

**A10 Models Interacting CWE and Oil/Gas Rents A82**

**A11 Models of Included Ethnic Groups, Included Parties, and Cabinet Size A82**

**A12 Cabinet Plots by Country A83**

# A1 Coding Corrections to GWF Regime Type, Elections, and Failed Coups

WhoGov's collection of cabinet data at the beginning of July each year complicates the coding of regime type and the Election and Failed coup variables. Each of these variables cannot be merged on a country-year basis without errors. Below, we explain the coding corrections made for regime type, elections, and failed coups.

We use Geddes, Wright, and Frantz's (2014) (hereafter, GWF) data to identify our sample of autocracies in sub-Saharan Africa. However, the country-year coding procedure for regimes used by GWF is not perfectly compatible with the cabinet observations each July from WhoGov. When merging these datasets by country-year, errors sometimes occur in years where one regime exits and another begins. This is because the country-year version of GWF records regimes as beginning on January 1 after the actual regime change date. For example, a regime that begins on August 1, 2000 would not show up in the GWF country-year data until 2001. In that example, a country-year merge with WhoGov would be correct. However, if the true regime start date was March 1, 2000, the country-year merge would fail in 2000. The WhoGov cabinet observed in July 2000 would be merged with the GWF regime from 2000 which would have already exited power in July. Since GWF record the true start and end dates of regimes, we are able to correct these problematic cases, ensuring that the cabinet observations are matched up with the appropriate regime.

A similar issue occurs with the coding of elections and failed coups. We recode the timing of elections and failed coup attempts that occur in year $t$ but prior to July as occurring in year $t-1$. This coding reflects the assumption that cabinet reshuffles can only be attributed to elections and failed coup attempts if they take place directly following these events. Consider the following example:

> Minister X is present in the cabinet in 2005, but not in 2006. Under our coding scheme, Minister X is coded as exiting the cabinet in 2005. Now, assume that Minister X's country held an election in February of 2005. If Minister X was dismissed following the election in February of 2005, they would not have been recorded as a cabinet member in 2005 since the observation is taken at the beginning of July. As such, we code the election as taking place in 2004. This prevents the dismissal of Minister X in 2005 from being attributed to the election. If, however, the 2005 election had taken place in September of 2005, the election year would remain coded as 2005.

# A2 Descriptive Statistics

**Table A1:** Summary of Countries and Ministers across Sample Variations

| Sample | Countries | Country-years | Ministers | Minister-years |
|---|---|---|---|---|
| GWF sub-Saharan (Main) | 39 | 1408 | 8133 | 34215 |
| GWF All | 44 | 1616 | 9333 | 39791 |
| LIED sub-Saharan | 42 | 1619 | 9844 | 40051 |
| LIED All | 47 | 1862 | 11512 | 47113 |
| VDem ROW sub-Saharan | 44 | 1704 | 10580 | 41776 |
| VDem ROW All | 50 | 1978 | 12446 | 49588 |

## A2.1 Geddes, Wright, and Frantz (GWF) Autocracies Samples

**Table A2:** GWF Autocracy, sub-Saharan Sample Summary Statistics

| Statistic | N | Mean | St. Dev. | Min | Max |
|---|---|---|---|---|---|
| Minister Exit | 34,215 | 0.25 | 0.43 | 0 | 1 |
| CWE 5-year | 34,215 | 0.13 | 0.34 | 0 | 1 |
| Minister Tenure | 34,215 | 3.90 | 3.51 | 1 | 29 |
| Senior Minister | 34,215 | 0.22 | 0.42 | 0 | 1 |
| High Prestige Portfolio | 34,215 | 0.29 | 0.45 | 0 | 1 |
| Leader Tenure | 34,215 | 11.71 | 8.53 | 1 | 45 |
| Leader Exit | 34,215 | 0.08 | 0.27 | 0 | 1 |
| Personalism | 33,883 | 0.35 | 0.78 | −1.32 | 1.83 |
| Election | 34,215 | 0.20 | 0.40 | 0 | 1 |
| Failed Coup | 34,215 | 0.04 | 0.19 | 0 | 1 |
| Ln(GDP per Capita) | 33,710 | 7.48 | 0.67 | 5.82 | 9.82 |
| Cabinet Size | 33,483 | 6.49 | 9.54 | 0.00 | 24.94 |
| Ln(Oil/Gas Rents) | 32,920 | 19.82 | 1.24 | 13.66 | 22.79 |
| Ln(Total Aid) | 33,843 | 0.25 | 0.15 | 0.07 | 0.73 |
| VDem Polyarchy | 34,215 | 28.34 | 11.36 | 2 | 74 |
| Left Truncated | 34,215 | 0.07 | 0.26 | 0 | 1 |

**Table A3:** GWF Autocracy, sub-Saharan Sample Country-Years

| country_name | start_year | end_year |
|---|---|---|
| Angola | 1976 | 2010 |
| Benin | 1966 | 1969 |

| | | |
|---|---|---|
| Benin | 1973 | 1989 |
| Botswana | 1967 | 2010 |
| Burkina Faso | 1966 | 2010 |
| Burundi | 1966 | 1992 |
| Burundi | 1996 | 2002 |
| Cameroon | 1966 | 2010 |
| Central African Republic | 1966 | 1993 |
| Central African Republic | 2003 | 2010 |
| Chad | 1966 | 1978 |
| Chad | 1982 | 2010 |
| Congo - Brazzaville | 1966 | 1990 |
| Congo - Brazzaville | 1998 | 2010 |
| Congo - Kinshasa | 1966 | 2010 |
| Cote d'Ivoire | 1966 | 2010 |
| Ethiopia | 1966 | 2010 |
| Gabon | 1966 | 2010 |
| Gambia | 1966 | 2010 |
| Ghana | 1966 | 1969 |
| Ghana | 1972 | 1979 |
| Ghana | 1982 | 2000 |
| Guinea | 1966 | 2009 |
| Guinea-Bissau | 1975 | 1998 |
| Guinea-Bissau | 2003 | 2003 |
| Kenya | 1966 | 2002 |
| Lesotho | 1970 | 1992 |
| Liberia | 1966 | 1990 |
| Liberia | 1998 | 2003 |
| Madagascar | 1966 | 1992 |
| Madagascar | 2009 | 2010 |
| Malawi | 1966 | 1982 |
| Malawi | 1984 | 1993 |
| Mali | 1966 | 1990 |
| Mauritania | 1966 | 2006 |
| Mauritania | 2009 | 2010 |
| Mozambique | 1975 | 2010 |
| Namibia | 1990 | 2010 |
| Niger | 1966 | 1991 |
| Niger | 1996 | 1999 |
| Nigeria | 1966 | 1979 |
| Nigeria | 1984 | 1998 |
| Rwanda | 1966 | 1972 |
| Rwanda | 1974 | 2010 |
| Senegal | 1966 | 1999 |
| Sierra Leone | 1967 | 1995 |
| Somalia | 1970 | 1990 |

| | | |
|---|---|---|
| Sudan | 1969 | 1985 |
| Sudan | 1989 | 2010 |
| Swaziland | 1969 | 2010 |
| Tanzania | 1966 | 2010 |
| Togo | 1966 | 2010 |
| Uganda | 1966 | 1978 |
| Uganda | 1981 | 2010 |
| Zambia | 1967 | 1991 |
| Zambia | 1996 | 2010 |
| Zimbabwe | 1981 | 2010 |

**Table A4:** GWF Autocracy, All Africa Sample Summary Statistics

| Statistic | N | Mean | St. Dev. | Min | Max |
|---|---|---|---|---|---|
| Minister Exit | 39,791 | 0.25 | 0.43 | 0 | 1 |
| CWE 5-year | 39,791 | 0.13 | 0.34 | 0 | 1 |
| Minister Tenure | 39,791 | 3.91 | 3.49 | 1 | 29 |
| Senior Minister | 39,791 | 0.22 | 0.42 | 0 | 1 |
| High Prestige Portfolio | 39,759 | 0.29 | 0.45 | 0 | 1 |
| Leader Tenure | 39,791 | 11.66 | 8.51 | 1 | 45 |
| Leader Exit | 39,791 | 0.08 | 0.27 | 0 | 1 |
| Personalism | 39,459 | 0.30 | 0.81 | −1.32 | 1.83 |
| Election | 39,791 | 0.20 | 0.40 | 0 | 1 |
| Failed Coup | 39,791 | 0.04 | 0.19 | 0 | 1 |
| Ln(GDP per Capita) | 39,215 | 7.69 | 0.85 | 5.82 | 10.68 |
| Cabinet Size | 39,059 | 8.18 | 10.15 | 0.00 | 25.35 |
| Ln(Oil/Gas Rents) | 37,661 | 19.84 | 1.44 | 7.03 | 22.79 |
| Ln(Total Aid) | 39,419 | 0.24 | 0.14 | 0.07 | 0.73 |
| VDem Polyarchy | 39,791 | 28.47 | 10.94 | 2 | 74 |
| Left Truncated | 39,791 | 0.07 | 0.26 | 0 | 1 |

**Table A5:** GWF Autocracy, All Africa Sample Country-Years

| country_name | start_year | end_year |
|---|---|---|
| Algeria | 1966 | 2010 |
| Angola | 1976 | 2010 |
| Benin | 1966 | 1969 |
| Benin | 1973 | 1989 |
| Botswana | 1967 | 2010 |
| Burkina Faso | 1966 | 2010 |
| Burundi | 1966 | 1992 |
| Burundi | 1996 | 2002 |
| Cameroon | 1966 | 2010 |
| Central African Republic | 1966 | 1993 |
| Central African Republic | 2003 | 2010 |
| Chad | 1966 | 1978 |
| Chad | 1982 | 2010 |
| Congo - Brazzaville | 1966 | 1990 |
| Congo - Brazzaville | 1998 | 2010 |
| Congo - Kinshasa | 1966 | 2010 |
| Cote d'Ivoire | 1966 | 2010 |
| Ethiopia | 1966 | 2010 |
| Gabon | 1966 | 2010 |
| Gambia | 1966 | 2010 |

| | | |
|---|---|---|
| Ghana | 1966 | 1969 |
| Ghana | 1972 | 1979 |
| Ghana | 1982 | 2000 |
| Guinea | 1966 | 2009 |
| Guinea-Bissau | 1975 | 1998 |
| Guinea-Bissau | 2003 | 2003 |
| Kenya | 1966 | 2002 |
| Lesotho | 1970 | 1992 |
| Liberia | 1966 | 1990 |
| Liberia | 1998 | 2003 |
| Libya | 1966 | 2010 |
| Madagascar | 1966 | 1992 |
| Madagascar | 2009 | 2010 |
| Malawi | 1966 | 1982 |
| Malawi | 1984 | 1993 |
| Mali | 1966 | 1990 |
| Mauritania | 1966 | 2006 |
| Mauritania | 2009 | 2010 |
| Morocco | 1966 | 2010 |
| Mozambique | 1975 | 2010 |
| Namibia | 1990 | 2010 |
| Niger | 1966 | 1991 |
| Niger | 1996 | 1999 |
| Nigeria | 1966 | 1979 |
| Nigeria | 1984 | 1998 |
| Rwanda | 1966 | 1972 |
| Rwanda | 1974 | 2010 |
| Senegal | 1966 | 1999 |
| Sierra Leone | 1967 | 1995 |
| Somalia | 1970 | 1990 |
| South Africa | 1966 | 1993 |
| Sudan | 1969 | 1985 |
| Sudan | 1989 | 2010 |
| Swaziland | 1969 | 2010 |
| Tanzania | 1966 | 2010 |
| Togo | 1966 | 2010 |
| Tunisia | 1966 | 2010 |
| Uganda | 1966 | 1978 |
| Uganda | 1981 | 2010 |
| Zambia | 1967 | 1991 |
| Zambia | 1996 | 2010 |
| Zimbabwe | 1981 | 2010 |

## A2.2 Lexical Index of Electoral Democracy (LIED) Autocracies Samples

**Table A6:** LIED Autocracy, sub-Saharan Sample Summary Statistics

| Statistic | N | Mean | St. Dev. | Min | Max |
|---|---|---|---|---|---|
| Minister Exit | 40,051 | 0.26 | 0.44 | 0 | 1 |
| CWE 5-year | 40,051 | 0.12 | 0.32 | 0 | 1 |
| Minister Tenure | 40,051 | 3.85 | 3.51 | 1 | 32 |
| Senior Minister | 40,051 | 0.22 | 0.41 | 0 | 1 |
| High Prestige Portfolio | 40,051 | 0.29 | 0.45 | 0 | 1 |
| Leader Tenure | 40,027 | 11.98 | 9.08 | 1 | 45 |
| Leader Exit | 40,027 | 0.08 | 0.28 | 0 | 1 |
| Personalism | 31,813 | 0.40 | 0.76 | −1.32 | 1.83 |
| Election | 40,051 | 0.20 | 0.40 | 0 | 1 |
| Failed Coup | 40,051 | 0.04 | 0.19 | 0 | 1 |
| Ln(GDP per Capita) | 39,497 | 7.52 | 0.73 | 4.90 | 10.75 |
| Cabinet Size | 38,447 | 7.08 | 9.91 | 0.00 | 25.10 |
| Ln(Oil/Gas Rents) | 37,266 | 19.73 | 1.34 | 13.66 | 23.40 |
| Ln(Total Aid) | 39,679 | 0.24 | 0.12 | 0.04 | 0.64 |
| VDem Polyarchy | 40,051 | 29.28 | 12.14 | 1 | 76 |
| Left Truncated | 40,051 | 0.06 | 0.24 | 0 | 1 |

**Table A7:** LIED Autocracy, sub-Saharan Sample Country-Years

| country_name | start_year | end_year |
|---|---|---|
| Angola | 1975 | 2015 |
| Benin | 1966 | 1990 |
| Burkina Faso | 1966 | 2014 |
| Burundi | 1966 | 2004 |
| Burundi | 2010 | 2015 |
| Cameroon | 1966 | 2015 |
| Cape Verde | 1976 | 1990 |
| Central African Republic | 1966 | 1992 |
| Central African Republic | 2003 | 2015 |
| Chad | 1966 | 2015 |
| Comoros | 1975 | 1991 |
| Comoros | 1993 | 1995 |
| Comoros | 1999 | 2005 |
| Congo - Brazzaville | 1966 | 2015 |
| Congo - Kinshasa | 1966 | 2015 |
| Cote d'Ivoire | 1966 | 2010 |

| | | |
|---|---|---|
| Djibouti | 1977 | 2015 |
| Equatorial Guinea | 1968 | 2015 |
| Ethiopia | 1966 | 2015 |
| Gabon | 1966 | 2015 |
| Gambia | 1966 | 1971 |
| Gambia | 1994 | 2015 |
| Ghana | 1966 | 1968 |
| Ghana | 1972 | 1978 |
| Ghana | 1981 | 1995 |
| Guinea | 1966 | 2015 |
| Guinea-Bissau | 1975 | 1993 |
| Guinea-Bissau | 1998 | 1999 |
| Guinea-Bissau | 2002 | 2004 |
| Guinea-Bissau | 2010 | 2013 |
| Kenya | 1966 | 2001 |
| Kenya | 2008 | 2012 |
| Lesotho | 1967 | 2001 |
| Liberia | 1966 | 2005 |
| Madagascar | 1966 | 1992 |
| Madagascar | 2009 | 2012 |
| Malawi | 1966 | 1982 |
| Malawi | 1984 | 1993 |
| Mali | 1966 | 1991 |
| Mali | 2012 | 2012 |
| Mauritania | 1966 | 2015 |
| Mozambique | 1975 | 1993 |
| Mozambique | 2009 | 2015 |
| Niger | 1966 | 1992 |
| Niger | 1996 | 1998 |
| Niger | 2009 | 2010 |
| Nigeria | 1966 | 1978 |
| Nigeria | 1983 | 2010 |
| Rwanda | 1966 | 1972 |
| Rwanda | 1974 | 2015 |
| Sao Tome and Principe | 1975 | 1990 |
| Senegal | 1966 | 1999 |
| Sierra Leone | 1967 | 2000 |
| Somalia | 1969 | 1991 |
| Sudan | 1969 | 2015 |
| Swaziland | 1969 | 2015 |
| Tanzania | 1966 | 2009 |
| Togo | 1966 | 2015 |
| Uganda | 1966 | 2015 |
| Zambia | 1966 | 1990 |
| Zambia | 1996 | 2005 |

| | | |
|---|---|---|
| Zimbabwe | 1981 | 2015 |

**Table A8:** LIED Autocracy, All Africa Sample Summary Statistics

| Statistic | N | Mean | St. Dev. | Min | Max |
|---|---|---|---|---|---|
| Minister Exit | 47,113 | 0.26 | 0.44 | 0 | 1 |
| CWE 5-year | 47,113 | 0.12 | 0.32 | 0 | 1 |
| Minister Tenure | 47,113 | 3.87 | 3.52 | 1 | 32 |
| Senior Minister | 47,113 | 0.22 | 0.41 | 0 | 1 |
| High Prestige Portfolio | 47,071 | 0.28 | 0.45 | 0 | 1 |
| Leader Tenure | 47,089 | 12.01 | 8.99 | 1 | 45 |
| Leader Exit | 47,089 | 0.08 | 0.28 | 0 | 1 |
| Personalism | 38,272 | 0.37 | 0.78 | −1.32 | 1.83 |
| Election | 47,113 | 0.21 | 0.41 | 0 | 1 |
| Failed Coup | 47,113 | 0.04 | 0.18 | 0 | 1 |
| Ln(GDP per Capita) | 46,488 | 7.72 | 0.87 | 4.90 | 10.75 |
| Cabinet Size | 45,386 | 9.25 | 10.52 | 0.00 | 25.35 |
| Ln(Oil/Gas Rents) | 43,542 | 19.84 | 1.53 | 7.03 | 23.40 |
| Ln(Total Aid) | 46,741 | 0.23 | 0.11 | 0.04 | 0.64 |
| VDem Polyarchy | 47,113 | 29.60 | 11.58 | 1 | 76 |
| Left Truncated | 47,113 | 0.06 | 0.24 | 0 | 1 |

**Table A9:** LIED Autocracy, All Africa Sample Country-Years

| country_name | start_year | end_year |
|---|---|---|
| Algeria | 1966 | 2015 |
| Angola | 1975 | 2015 |
| Benin | 1966 | 1990 |
| Burkina Faso | 1966 | 2014 |
| Burundi | 1966 | 2004 |
| Burundi | 2010 | 2015 |
| Cameroon | 1966 | 2015 |
| Cape Verde | 1976 | 1990 |
| Central African Republic | 1966 | 1992 |
| Central African Republic | 2003 | 2015 |
| Chad | 1966 | 2015 |
| Comoros | 1975 | 1991 |
| Comoros | 1993 | 1995 |
| Comoros | 1999 | 2005 |
| Congo - Brazzaville | 1966 | 2015 |
| Congo - Kinshasa | 1966 | 2015 |
| Cote d'Ivoire | 1966 | 2010 |

| | | |
|---|---|---|
| Djibouti | 1977 | 2015 |
| Egypt | 1966 | 2015 |
| Equatorial Guinea | 1968 | 2015 |
| Ethiopia | 1966 | 2015 |
| Gabon | 1966 | 2015 |
| Gambia | 1966 | 1971 |
| Gambia | 1994 | 2015 |
| Ghana | 1966 | 1968 |
| Ghana | 1972 | 1978 |
| Ghana | 1981 | 1995 |
| Guinea | 1966 | 2015 |
| Guinea-Bissau | 1975 | 1993 |
| Guinea-Bissau | 1998 | 1999 |
| Guinea-Bissau | 2002 | 2004 |
| Guinea-Bissau | 2010 | 2013 |
| Kenya | 1966 | 2001 |
| Kenya | 2008 | 2012 |
| Lesotho | 1967 | 2001 |
| Liberia | 1966 | 2005 |
| Libya | 1966 | 2011 |
| Libya | 2014 | 2015 |
| Madagascar | 1966 | 1992 |
| Madagascar | 2009 | 2012 |
| Malawi | 1966 | 1982 |
| Malawi | 1984 | 1993 |
| Mali | 1966 | 1991 |
| Mali | 2012 | 2012 |
| Mauritania | 1966 | 2015 |
| Morocco | 1966 | 2015 |
| Mozambique | 1975 | 1993 |
| Mozambique | 2009 | 2015 |
| Niger | 1966 | 1992 |
| Niger | 1996 | 1998 |
| Niger | 2009 | 2010 |
| Nigeria | 1966 | 1978 |
| Nigeria | 1983 | 2010 |
| Rwanda | 1966 | 1972 |
| Rwanda | 1974 | 2015 |
| Sao Tome and Principe | 1975 | 1990 |
| Senegal | 1966 | 1999 |
| Sierra Leone | 1967 | 2000 |
| Somalia | 1969 | 1991 |
| Sudan | 1969 | 2015 |
| Swaziland | 1969 | 2015 |
| Tanzania | 1966 | 2009 |

| | | |
|---|---|---|
| Togo | 1966 | 2015 |
| Tunisia | 1966 | 2010 |
| Uganda | 1966 | 2015 |
| Zambia | 1966 | 1990 |
| Zambia | 1996 | 2005 |
| Zimbabwe | 1981 | 2015 |

## A2.3 Varieties of Democracy Regimes of the World (VDem ROW) Autocracies Samples

**Table A10:** VDem ROW Autocracy, sub-Saharan Sample Summary Statistics

| Statistic | N | Mean | St. Dev. | Min | Max |
|---|---|---|---|---|---|
| Minister Exit | 41,776 | 0.27 | 0.44 | 0 | 1 |
| CWE 5-year | 41,776 | 0.11 | 0.31 | 0 | 1 |
| Minister Tenure | 41,776 | 3.77 | 3.48 | 1 | 32 |
| Senior Minister | 41,776 | 0.21 | 0.41 | 0 | 1 |
| High Prestige Portfolio | 41,776 | 0.29 | 0.45 | 0 | 1 |
| Leader Tenure | 41,752 | 11.55 | 9.11 | 1 | 45 |
| Leader Exit | 41,752 | 0.10 | 0.29 | 0 | 1 |
| Personalism | 31,357 | 0.40 | 0.76 | −1.32 | 1.83 |
| Election | 41,776 | 0.21 | 0.41 | 0 | 1 |
| Failed Coup | 41,776 | 0.04 | 0.20 | 0 | 1 |
| Ln(GDP per Capita) | 41,170 | 7.52 | 0.72 | 4.90 | 10.75 |
| Cabinet Size | 39,923 | 6.92 | 9.88 | 0.00 | 25.18 |
| Ln(Oil/Gas Rents) | 38,621 | 19.71 | 1.35 | 13.66 | 23.40 |
| Ln(Total Aid) | 41,776 | 0.24 | 0.11 | 0.04 | 0.51 |
| VDem Polyarchy | 41,776 | 29.09 | 12.08 | 1 | 76 |
| Left Truncated | 41,776 | 0.06 | 0.24 | 0 | 1 |

**Table A11:** VDem ROW Autocracy, sub-Saharan Sample Country-Years

| country_name | start_year | end_year |
|---|---|---|
| Angola | 1975 | 2015 |
| Benin | 1966 | 1991 |
| Burkina Faso | 1966 | 1998 |
| Burkina Faso | 2015 | 2015 |
| Burundi | 1966 | 2015 |
| Cameroon | 1966 | 2015 |
| Cape Verde | 1976 | 1990 |
| Central African Republic | 1966 | 2015 |
| Chad | 1966 | 2015 |
| Comoros | 1966 | 1991 |
| Comoros | 1993 | 2005 |
| Comoros | 2015 | 2015 |
| Congo - Brazzaville | 1966 | 2015 |
| Congo - Kinshasa | 1966 | 2015 |
| Cote d'Ivoire | 1966 | 2015 |
| Djibouti | 1977 | 2015 |
| Equatorial Guinea | 1968 | 2015 |
| Ethiopia | 1966 | 2015 |
| Gabon | 1966 | 2015 |
| Gambia | 1966 | 1970 |

| | | |
|---|---|---|
| Gambia | 1972 | 2015 |
| Ghana | 1966 | 1979 |
| Ghana | 1981 | 1995 |
| Guinea | 1966 | 2015 |
| Guinea-Bissau | 1975 | 2014 |
| Kenya | 1966 | 2013 |
| Lesotho | 1967 | 2001 |
| Liberia | 1966 | 2005 |
| Madagascar | 1966 | 1993 |
| Madagascar | 2001 | 2007 |
| Madagascar | 2009 | 2015 |
| Malawi | 1966 | 1982 |
| Malawi | 1984 | 1994 |
| Malawi | 2000 | 2009 |
| Mali | 1966 | 1992 |
| Mali | 2012 | 2013 |
| Mauritania | 1966 | 2015 |
| Mauritius | 1966 | 1967 |
| Mozambique | 1994 | 2015 |
| Namibia | 1994 | 1994 |
| Niger | 1966 | 1992 |
| Niger | 1996 | 1999 |
| Niger | 2009 | 2010 |
| Nigeria | 1966 | 2011 |
| Rwanda | 1966 | 1972 |
| Rwanda | 1974 | 2015 |
| Sao Tome and Principe | 1975 | 1990 |
| Senegal | 1966 | 1987 |
| Sierra Leone | 1966 | 2002 |
| Somalia | 1966 | 1991 |
| Sudan | 1966 | 2015 |
| Swaziland | 1969 | 2015 |
| Tanzania | 1966 | 1995 |
| Tanzania | 2001 | 2007 |
| Tanzania | 2009 | 2009 |
| Tanzania | 2015 | 2015 |
| Togo | 1966 | 2015 |
| Uganda | 1966 | 2015 |
| Zambia | 1966 | 1999 |
| Zambia | 2014 | 2015 |
| Zimbabwe | 1981 | 2015 |

**Table A12:** VDem ROW Autocracy, All Africa Sample Summary Statistics

| Statistic | N | Mean | St. Dev. | Min | Max |
|---|---|---|---|---|---|
| Minister Exit | 49,588 | 0.27 | 0.44 | 0 | 1 |
| CWE 5-year | 49,588 | 0.11 | 0.31 | 0 | 1 |
| Minister Tenure | 49,588 | 3.80 | 3.49 | 1 | 32 |
| Senior Minister | 49,588 | 0.21 | 0.41 | 0 | 1 |
| High Prestige Portfolio | 49,545 | 0.29 | 0.45 | 0 | 1 |
| Leader Tenure | 49,538 | 11.55 | 8.99 | 1 | 45 |
| Leader Exit | 49,538 | 0.09 | 0.29 | 0 | 1 |
| Personalism | 38,509 | 0.34 | 0.79 | −1.32 | 1.83 |
| Election | 49,588 | 0.22 | 0.41 | 0 | 1 |
| Failed Coup | 49,588 | 0.04 | 0.19 | 0 | 1 |
| Ln(GDP per Capita) | 48,911 | 7.73 | 0.87 | 4.90 | 10.75 |
| Cabinet Size | 47,612 | 8.93 | 10.49 | 0.00 | 25.35 |
| Ln(Oil/Gas Rents) | 45,239 | 19.81 | 1.54 | 7.03 | 23.40 |
| Ln(Total Aid) | 49,588 | 0.24 | 0.11 | 0.04 | 0.51 |
| VDem Polyarchy | 49,588 | 29.37 | 11.49 | 1 | 76 |
| Left Truncated | 49,588 | 0.06 | 0.25 | 0 | 1 |

**Table A13:** VDem ROW Autocracy, All Africa Sample Country-Years

| country_name | start_year | end_year |
|---|---|---|
| Algeria | 1966 | 2015 |
| Angola | 1975 | 2015 |
| Benin | 1966 | 1991 |
| Burkina Faso | 1966 | 1998 |
| Burkina Faso | 2015 | 2015 |
| Burundi | 1966 | 2015 |
| Cameroon | 1966 | 2015 |
| Cape Verde | 1976 | 1990 |
| Central African Republic | 1966 | 2015 |
| Chad | 1966 | 2015 |
| Comoros | 1966 | 1991 |
| Comoros | 1993 | 2005 |
| Comoros | 2015 | 2015 |
| Congo - Brazzaville | 1966 | 2015 |
| Congo - Kinshasa | 1966 | 2015 |
| Cote d'Ivoire | 1966 | 2015 |
| Djibouti | 1977 | 2015 |
| Egypt | 1966 | 2015 |
| Equatorial Guinea | 1968 | 2015 |
| Ethiopia | 1966 | 2015 |

| | | |
|---|---|---|
| Gabon | 1966 | 2015 |
| Gambia | 1966 | 1970 |
| Gambia | 1972 | 2015 |
| Ghana | 1966 | 1979 |
| Ghana | 1981 | 1995 |
| Guinea | 1966 | 2015 |
| Guinea-Bissau | 1975 | 2014 |
| Kenya | 1966 | 2013 |
| Lesotho | 1967 | 2001 |
| Liberia | 1966 | 2005 |
| Libya | 1966 | 2012 |
| Libya | 2014 | 2015 |
| Madagascar | 1966 | 1993 |
| Madagascar | 2001 | 2007 |
| Madagascar | 2009 | 2015 |
| Malawi | 1966 | 1982 |
| Malawi | 1984 | 1994 |
| Malawi | 2000 | 2009 |
| Mali | 1966 | 1992 |
| Mali | 2012 | 2013 |
| Mauritania | 1966 | 2015 |
| Mauritius | 1966 | 1967 |
| Morocco | 1966 | 2015 |
| Mozambique | 1994 | 2015 |
| Namibia | 1994 | 1994 |
| Niger | 1966 | 1992 |
| Niger | 1996 | 1999 |
| Niger | 2009 | 2010 |
| Nigeria | 1966 | 2011 |
| Rwanda | 1966 | 1972 |
| Rwanda | 1974 | 2015 |
| Sao Tome and Principe | 1975 | 1990 |
| Senegal | 1966 | 1987 |
| Sierra Leone | 1966 | 2002 |
| Somalia | 1966 | 1991 |
| South Africa | 1966 | 1994 |
| Sudan | 1966 | 2015 |
| Swaziland | 1969 | 2015 |
| Tanzania | 1966 | 1995 |
| Tanzania | 2001 | 2007 |
| Tanzania | 2009 | 2009 |
| Tanzania | 2015 | 2015 |
| Togo | 1966 | 2015 |
| Tunisia | 1966 | 2011 |
| Uganda | 1966 | 2015 |

| | | |
|---|---|---|
| Zambia | 1966 | 1999 |
| Zambia | 2014 | 2015 |
| Zimbabwe | 1981 | 2015 |

## A2.4 GWF Balanced Sample

The balanced sample selects countries with periods of time continuously defined as autocracies by Geddes, Wright, and Frantz (2014) up to the end of the Cold War and retains those countries in the sample until 2010, even if they transition to democracy. [1]

**Table A14:** GWF Autocracy, sub-Saharan Sample Keeping Democratizers

| country_name | start_year | end_year |
|---|---|---|
| Angola | 1976 | 2010 |
| Benin | 1973 | 2010 |
| Botswana | 1967 | 2010 |
| Burkina Faso | 1966 | 2010 |
| Burundi | 1966 | 2010 |
| Cameroon | 1966 | 2010 |
| Central African Republic | 1966 | 2010 |
| Chad | 1982 | 2010 |
| Congo - Brazzaville | 1966 | 2010 |
| Congo - Kinshasa | 1966 | 2010 |
| Cote d'Ivoire | 1966 | 2010 |
| Ethiopia | 1966 | 2010 |
| Gabon | 1966 | 2010 |
| Gambia | 1966 | 2010 |
| Ghana | 1982 | 2010 |
| Guinea | 1966 | 2010 |
| Guinea-Bissau | 1975 | 2010 |
| Kenya | 1966 | 2010 |
| Lesotho | 1970 | 2010 |
| Liberia | 1966 | 2010 |
| Madagascar | 1966 | 2010 |
| Mali | 1966 | 2010 |
| Mauritania | 1966 | 2010 |
| Mozambique | 1975 | 2010 |
| Niger | 1966 | 2010 |
| Nigeria | 1984 | 2010 |
| Rwanda | 1966 | 1972 |
| Rwanda | 1974 | 2010 |
| Senegal | 1966 | 2010 |
| Sierra Leone | 1967 | 2010 |

[1] WhoGov is missing cabinet data for Malawi in 1983 and Rwanda in 1973.

| | | |
|---|---|---|
| Swaziland | 1969 | 2010 |
| Tanzania | 1966 | 2010 |
| Togo | 1966 | 2010 |
| Uganda | 1981 | 2010 |
| Zambia | 1967 | 2010 |
| Zimbabwe | 1981 | 2010 |

**Table A15:** GWF Autocracy, sub-Saharan Sample Keeping Democratizers Summary Statistics

| Statistic | N | Mean | St. Dev. | Min | Max |
|---|---|---|---|---|---|
| Minister Exit | 36,093 | 0.26 | 0.44 | 0 | 1 |
| CWE 5-year | 36,093 | 0.12 | 0.33 | 0 | 1 |
| Minister Tenure | 36,093 | 3.73 | 3.38 | 1 | 29 |
| Senior Minister | 36,093 | 0.20 | 0.40 | 0 | 1 |
| High Prestige Portfolio | 36,093 | 0.28 | 0.45 | 0 | 1 |
| Leader Tenure | 36,093 | 10.76 | 8.57 | 1 | 45 |
| Leader Exit | 36,093 | 0.09 | 0.28 | 0 | 1 |
| Personalism | 30,518 | 0.36 | 0.75 | −1.32 | 1.83 |
| Election | 36,093 | 0.21 | 0.41 | 0 | 1 |
| Failed Coup | 36,093 | 0.04 | 0.19 | 0 | 1 |
| Ln(GDP per Capita) | 36,093 | 7.41 | 0.66 | 4.90 | 9.82 |
| Cabinet Size | 35,361 | 6.43 | 9.52 | 0.00 | 25.10 |
| Ln(Oil/Gas Rents) | 35,018 | 19.89 | 1.22 | 13.66 | 23.40 |
| Ln(Total Aid) | 35,721 | 0.29 | 0.17 | 0.07 | 0.76 |
| VDem Polyarchy | 36,093 | 28.65 | 10.84 | 1 | 74 |
| Left Truncated | 36,093 | 0.06 | 0.23 | 0 | 1 |

## A2.5 CWE Surviving Leaders Sample

Defining leaders as surviving the Cold War end (CWE) period is not straightforward. As such, we adopt a conservative approach. We define the sample of CWE surviving leaders as leaders with at least three years of tenure before the beginning of our CWE period (1988) and at least three years of tenure after our CWE period (1992).

**Table A16:** CWE Surviving Leaders, GWF SSA Sample

| Country | Leader | Start | End |
|---|---|---|---|
| Angola | Jose Eduardo Dos Santos | 1980 | 2010 |
| Botswana | Quett Masire | 1980 | 1997 |
| Cameroon | Paul Biya | 1983 | 2010 |
| Congo - Kinshasa | Joseph Mobutu | 1966 | 1996 |
| Gabon | Omar Bongo | 1968 | 2008 |
| Ghana | Jerry John Rawlings | 1982 | 2000 |
| Guinea | Lansana Conte | 1984 | 2008 |
| Guinea-Bissau | Joao Bernardo Vieira | 1981 | 1998 |
| Kenya | Daniel T. Arap Moi | 1979 | 2002 |
| Senegal | Abdou Diouf | 1981 | 1999 |
| Togo | Gnassingbe Eyadema | 1967 | 2004 |
| Zimbabwe | Robert Mugabe | 1981 | 2010 |

Note: Leader start and end years reflect cabinet observations in our dataset.

# A3 Models of Minister Survival Across Samples and Specifications

## A3.1 Pooled Logit Models

The average marginal effects plotted in Figure 3 of the main text are calculated using Model 1 in Tables A17, A18, A19, and A20. We create Figure 4 in the main text using Model 1 in Table A20. In each table, Models 2-6 estimate the same specification in Model 1, but using samples with alternative definitions of autocracy and different subsets of countries. The column labels indicate the sample used. Descriptive statistics for each sample are in Section A2

**Table A17:** Pooled Logit of Minister Survival with 5-year CWE Window, No Controls

| | *Dependent variable:* | | | | | |
|---|---|---|---|---|---|---|
| | Minister Exit | | | | | |
| | GWF SSA | GWF All | LIED SSA | LIED All | VDem ROW SSA | VDem ROW All |
| | (1) | (2) | (3) | (4) | (5) | (6) |
| CWE 5-year | 0.41*** | 0.41*** | 0.45*** | 0.40*** | 0.42*** | 0.36*** |
| | (0.10) | (0.10) | (0.10) | (0.10) | (0.10) | (0.10) |
| Constant | −1.15*** | −1.16*** | −1.11*** | −1.10*** | −1.04*** | −1.04*** |
| | (0.07) | (0.06) | (0.07) | (0.06) | (0.07) | (0.06) |
| Observations | 34,215 | 39,791 | 40,051 | 47,113 | 41,776 | 49,588 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A18:** Pooled Logit of Minister Survival with 5-year CWE Window, Baseline Controls

| | *Dependent variable:* | | | | | |
|---|---|---|---|---|---|---|
| | Minister Exit | | | | | |
| | GWF SSA | GWF All | LIED SSA | LIED All | VDem ROW SSA | VDem ROW All |
| | (1) | (2) | (3) | (4) | (5) | (6) |
| CWE 5-year | 0.33*** | 0.35*** | 0.35*** | 0.32** | 0.37*** | 0.34** |
| | (0.09) | (0.10) | (0.09) | (0.10) | (0.09) | (0.10) |
| Ln(Oil/Gas Rents) | 0.02** | 0.02** | 0.02* | 0.02* | 0.02* | 0.02* |
| | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) |
| Personalism | 0.17* | 0.13 | 0.15 | 0.14* | 0.10 | 0.09 |
| | (0.08) | (0.07) | (0.08) | (0.07) | (0.08) | (0.07) |
| Ln(GDP per Capita) | −0.38*** | −0.27*** | −0.36*** | −0.28*** | −0.39*** | −0.28*** |
| | (0.08) | (0.07) | (0.09) | (0.08) | (0.09) | (0.07) |
| Cabinet Size | −0.01* | −0.01** | −0.01** | −0.01*** | −0.01* | −0.01** |
| | (0.01) | (0.005) | (0.005) | (0.004) | (0.01) | (0.005) |
| Left Truncated | −0.27* | −0.24* | −0.33** | −0.25* | −0.34** | −0.26* |
| | (0.13) | (0.11) | (0.13) | (0.12) | (0.13) | (0.12) |
| Constant | 1.87** | 1.09* | 1.80** | 1.23* | 2.07** | 1.27* |
| | (0.61) | (0.53) | (0.67) | (0.58) | (0.66) | (0.56) |
| Observations | 32,646 | 38,151 | 30,547 | 36,935 | 30,091 | 37,172 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A19:** Pooled Logit of Minister Survival with 5-year CWE Window, Tenure Controls

| | *Dependent variable:* | | | | | |
|---|---|---|---|---|---|---|
| | Minister Exit | | | | | |
| | GWF SSA | GWF All | LIED SSA | LIED All | VDem ROW SSA | VDem ROW All |
| | (1) | (2) | (3) | (4) | (5) | (6) |
| CWE 5-year | 0.33*** | 0.35*** | 0.35*** | 0.33*** | 0.37*** | 0.34*** |
| | (0.09) | (0.09) | (0.09) | (0.10) | (0.09) | (0.10) |
| Minister Tenure | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 |
| | (0.04) | (0.04) | (0.04) | (0.04) | (0.04) | (0.03) |
| Minister Tenure$^2$ | −0.01 | −0.01* | −0.01 | −0.01 | −0.01 | −0.01 |
| | (0.004) | (0.004) | (0.004) | (0.004) | (0.004) | (0.004) |
| Minister Tenure$^3$ | 0.0003* | 0.0003** | 0.0003* | 0.0003* | 0.0002 | 0.0002* |
| | (0.0001) | (0.0001) | (0.0001) | (0.0001) | (0.0001) | (0.0001) |
| Ln(Oil/Gas Rents) | 0.02* | 0.02** | 0.01* | 0.02* | 0.01 | 0.01* |
| | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) |
| Personalism | 0.21** | 0.16* | 0.21** | 0.19** | 0.17* | 0.16* |
| | (0.08) | (0.06) | (0.08) | (0.06) | (0.08) | (0.06) |
| Leader Tenure | −0.09** | −0.10** | −0.11** | −0.12*** | −0.12*** | −0.13*** |
| | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) |
| Leader Tenure$^2$ | 0.01* | 0.01** | 0.01** | 0.01*** | 0.01** | 0.01*** |
| | (0.002) | (0.002) | (0.002) | (0.002) | (0.002) | (0.002) |
| Leader Tenure$^3$ | −0.0001* | −0.0001** | −0.0001* | −0.0001** | −0.0001** | −0.0001*** |
| | (0.0000) | (0.0000) | (0.0000) | (0.0000) | (0.0000) | (0.0000) |
| Ln(GDP per Capita) | −0.35*** | −0.24*** | −0.32*** | −0.24*** | −0.34*** | −0.24*** |
| | (0.07) | (0.06) | (0.09) | (0.07) | (0.08) | (0.07) |
| Cabinet Size | −0.01* | −0.01* | −0.01* | −0.01** | −0.01* | −0.01* |
| | (0.01) | (0.005) | (0.01) | (0.005) | (0.01) | (0.005) |
| Left Truncated | −0.23 | −0.18 | −0.26* | −0.18 | −0.27* | −0.19 |
| | (0.12) | (0.11) | (0.12) | (0.12) | (0.12) | (0.11) |
| Constant | 1.97*** | 1.21* | 1.86** | 1.35* | 2.16*** | 1.42** |
| | (0.59) | (0.51) | (0.67) | (0.56) | (0.64) | (0.52) |
| Observations | 32,646 | 38,151 | 30,547 | 36,935 | 30,091 | 37,172 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A20:** Pooled Logit of Minister Survival with 5-year CWE Window, Events Controls

| | *Dependent variable:* | | | | | |
|---|---|---|---|---|---|---|
| | Minister Exit | | | | | |
| | GWF SSA | GWF All | LIED SSA | LIED All | VDem ROW SSA | VDem ROW All |
| | (1) | (2) | (3) | (4) | (5) | (6) |
| CWE 5-year | 0.43*** | 0.43*** | 0.42*** | 0.39*** | 0.43*** | 0.39*** |
| | (0.09) | (0.08) | (0.09) | (0.09) | (0.09) | (0.09) |
| Minister Tenure | 0.07 | 0.06 | 0.06 | 0.05 | 0.05 | 0.05 |
| | (0.04) | (0.04) | (0.04) | (0.04) | (0.04) | (0.03) |
| Minister Tenure$^2$ | −0.01** | −0.01** | −0.01** | −0.01** | −0.01* | −0.01** |
| | (0.004) | (0.004) | (0.004) | (0.004) | (0.004) | (0.004) |
| Minister Tenure$^3$ | 0.0004*** | 0.0004*** | 0.0004** | 0.0004*** | 0.0004** | 0.0004** |
| | (0.0001) | (0.0001) | (0.0001) | (0.0001) | (0.0001) | (0.0001) |
| Ln(Oil/Gas Rents) | 0.02* | 0.02** | 0.01 | 0.02* | 0.01 | 0.01* |
| | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) |
| Personalism | 0.27*** | 0.24*** | 0.25** | 0.24*** | 0.23** | 0.23*** |
| | (0.08) | (0.07) | (0.08) | (0.07) | (0.08) | (0.07) |
| Leader Exit | 2.09*** | 1.95*** | 2.03*** | 1.90*** | 2.09*** | 1.94*** |
| | (0.16) | (0.15) | (0.17) | (0.16) | (0.17) | (0.15) |
| Leader Tenure | −0.07* | −0.08* | −0.07* | −0.09** | −0.08* | −0.09** |
| | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) |
| Leader Tenure$^2$ | 0.004 | 0.005* | 0.004 | 0.01** | 0.004* | 0.01** |
| | (0.002) | (0.002) | (0.002) | (0.002) | (0.002) | (0.002) |
| Leader Tenure$^3$ | −0.0001 | −0.0001* | −0.0001 | −0.0001** | −0.0001* | −0.0001** |
| | (0.0000) | (0.0000) | (0.0000) | (0.0000) | (0.0000) | (0.0000) |
| Election | 0.51*** | 0.53*** | 0.44*** | 0.46*** | 0.44*** | 0.47*** |
| | (0.12) | (0.11) | (0.13) | (0.11) | (0.13) | (0.11) |
| Failed Coup | 0.74*** | 0.77*** | 0.70*** | 0.73*** | 0.65*** | 0.68*** |
| | (0.20) | (0.19) | (0.19) | (0.19) | (0.19) | (0.19) |
| Ln(GDP per Capita) | −0.35*** | −0.23*** | −0.30*** | −0.21** | −0.33*** | −0.21** |
| | (0.07) | (0.07) | (0.09) | (0.08) | (0.08) | (0.07) |
| Cabinet Size | −0.01 | −0.01 | −0.01 | −0.01* | −0.01 | −0.01 |
| | (0.01) | (0.004) | (0.01) | (0.004) | (0.01) | (0.005) |
| Left Truncated | −0.17 | −0.11 | −0.21 | −0.11 | −0.21 | −0.12 |
| | (0.12) | (0.11) | (0.12) | (0.11) | (0.12) | (0.11) |
| Constant | 1.35* | 0.56 | 1.07 | 0.53 | 1.31* | 0.63 |
| | (0.59) | (0.53) | (0.68) | (0.62) | (0.66) | (0.56) |
| Observations | 32,646 | 38,151 | 30,547 | 36,935 | 30,091 | 37,172 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A21:** Pooled Logit of Minister Survival with 5-year CWE Window, Additional Controls

| | *Dependent variable:* | | | | | |
|---|---|---|---|---|---|---|
| | Minister Exit | | | | | |
| | GWF SSA | GWF All | LIED SSA | LIED All | VDem ROW SSA | VDem ROW All |
| | (1) | (2) | (3) | (4) | (5) | (6) |
| CWE 5-year | 0.44*** | 0.43*** | 0.45*** | 0.41*** | 0.43*** | 0.39*** |
| | (0.09) | (0.09) | (0.09) | (0.09) | (0.09) | (0.09) |
| Minister Tenure | 0.08 | 0.08* | 0.07 | 0.07* | 0.06 | 0.06 |
| | (0.04) | (0.04) | (0.04) | (0.04) | (0.04) | (0.03) |
| Minister Tenure$^2$ | −0.01** | −0.01*** | −0.01** | −0.01** | −0.01* | −0.01** |
| | (0.004) | (0.004) | (0.004) | (0.004) | (0.004) | (0.004) |
| Minister Tenure$^3$ | 0.0004*** | 0.0005*** | 0.0004** | 0.0004*** | 0.0004** | 0.0004*** |
| | (0.0001) | (0.0001) | (0.0001) | (0.0001) | (0.0001) | (0.0001) |
| Ln(Oil/Gas Rents) | 0.02* | 0.02** | 0.02* | 0.02* | 0.01* | 0.02* |
| | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) |
| Ln(Total Aid) | −0.03 | −0.01 | −0.04 | −0.03 | −0.04 | −0.03 |
| | (0.03) | (0.03) | (0.04) | (0.02) | (0.04) | (0.02) |
| VDem Polyarchy | −0.74** | −0.87*** | −0.34 | −0.42 | −0.51 | −0.59 |
| | (0.26) | (0.25) | (0.32) | (0.30) | (0.41) | (0.37) |
| Personalism | 0.23** | 0.20** | 0.22** | 0.21** | 0.22** | 0.21** |
| | (0.08) | (0.07) | (0.08) | (0.07) | (0.08) | (0.07) |
| Leader Exit | 2.09*** | 1.94*** | 2.02*** | 1.87*** | 2.07*** | 1.91*** |
| | (0.17) | (0.15) | (0.18) | (0.17) | (0.17) | (0.16) |
| Leader Tenure | −0.05 | −0.06* | −0.06 | −0.08** | −0.07* | −0.09** |
| | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) |
| Leader Tenure$^2$ | 0.003 | 0.004* | 0.004 | 0.005* | 0.004 | 0.01** |
| | (0.002) | (0.002) | (0.002) | (0.002) | (0.002) | (0.002) |
| Leader Tenure$^3$ | −0.0001 | −0.0001 | −0.0001 | −0.0001* | −0.0001 | −0.0001* |
| | (0.0000) | (0.0000) | (0.0000) | (0.0000) | (0.0000) | (0.0000) |
| Election | 0.52*** | 0.54*** | 0.43*** | 0.47*** | 0.43*** | 0.47*** |
| | (0.12) | (0.11) | (0.13) | (0.11) | (0.13) | (0.11) |
| Failed Coup | 0.70*** | 0.75*** | 0.69*** | 0.73*** | 0.65*** | 0.70*** |
| | (0.20) | (0.19) | (0.19) | (0.19) | (0.19) | (0.19) |
| Ln(GDP per Capita) | −0.39*** | −0.28*** | −0.36*** | −0.27** | −0.35*** | −0.26*** |
| | (0.07) | (0.07) | (0.09) | (0.08) | (0.09) | (0.08) |
| Cabinet Size | −0.01 | −0.01 | −0.01 | −0.01 | −0.01 | −0.01 |
| | (0.01) | (0.005) | (0.01) | (0.005) | (0.01) | (0.005) |
| Left Truncated | −0.30* | −0.27* | −0.31* | −0.25* | −0.29* | −0.25* |
| | (0.12) | (0.11) | (0.13) | (0.11) | (0.13) | (0.11) |
| Constant | 2.26* | 1.31 | 2.28* | 1.52* | 2.29* | 1.53* |
| | (0.89) | (0.73) | (0.93) | (0.76) | (0.94) | (0.75) |
| Observations | 31,105 | 35,828 | 29,034 | 34,960 | 28,945 | 35,156 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

## A3.2 Conditional Logit Models (Leader Fixed Effects)

**Table A22:** Conditional Logit of Minister Survival with 5-year CWE Window, No Controls

| | GWF SSA | GWF All | LIED SSA | LIED All | VDem ROW SSA | VDem ROW All |
|---|---|---|---|---|---|---|
| | (1) | (2) | (3) | (4) | (5) | (6) |
| CWE 5-year | 0.42*** | 0.40*** | 0.48*** | 0.44*** | 0.47*** | 0.41*** |
| | (0.09) | (0.09) | (0.08) | (0.09) | (0.09) | (0.10) |
| Leader fixed effects | Yes | Yes | Yes | Yes | Yes | Yes |
| Observations | 34,215 | 39,791 | 40,027 | 47,089 | 41,752 | 49,538 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A23:** Conditional Logit of Minister Survival with 5-year CWE Window, Baseline Controls

| | GWF SSA | GWF All | LIED SSA | LIED All | VDem ROW SSA | VDem ROW All |
|---|---|---|---|---|---|---|
| | (1) | (2) | (3) | (4) | (5) | (6) |
| CWE 5-year | 0.35*** | 0.32*** | 0.42*** | 0.36*** | 0.39*** | 0.33*** |
| | (0.08) | (0.09) | (0.08) | (0.09) | (0.09) | (0.09) |
| Ln(Oil/Gas Rents) | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) |
| Personalism | −0.03 | −0.07 | −0.02 | −0.07 | −0.03 | −0.08 |
| | (0.06) | (0.07) | (0.07) | (0.07) | (0.07) | (0.07) |
| Ln(GDP per Capita) | −0.53*** | −0.56*** | −0.59*** | −0.57*** | −0.62*** | −0.61*** |
| | (0.14) | (0.14) | (0.15) | (0.15) | (0.15) | (0.15) |
| Cabinet Size | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) |
| Left Truncated | −0.27** | −0.26*** | −0.28** | −0.25** | −0.25** | −0.22** |
| | (0.09) | (0.07) | (0.09) | (0.08) | (0.09) | (0.08) |
| Leader fixed effects | Yes | Yes | Yes | Yes | Yes | Yes |
| Observations | 32,646 | 38,151 | 30,547 | 36,935 | 30,091 | 37,172 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A24:** Conditional Logit of Minister Survival with 5-year CWE Window, Tenure Controls

| | GWF SSA | GWF All | LIED SSA | LIED All | VDem ROW SSA | VDem ROW All |
|---|---|---|---|---|---|---|
| | (1) | (2) | (3) | (4) | (5) | (6) |
| CWE 5-year | 0.35*** | 0.33*** | 0.41*** | 0.37*** | 0.38*** | 0.32*** |
| | (0.08) | (0.09) | (0.08) | (0.08) | (0.09) | (0.09) |
| Minister Tenure | 0.12*** | 0.12*** | 0.12*** | 0.12*** | 0.12*** | 0.11*** |
| | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) |
| Minister Tenure$^2$ | −0.01*** | −0.01*** | −0.01** | −0.01*** | −0.01** | −0.01*** |
| | (0.004) | (0.003) | (0.004) | (0.003) | (0.004) | (0.003) |
| Minister Tenure$^3$ | 0.0004*** | 0.0004*** | 0.0003** | 0.0004*** | 0.0003** | 0.0003*** |
| | (0.0001) | (0.0001) | (0.0001) | (0.0001) | (0.0001) | (0.0001) |
| Ln(Oil/Gas Rents) | 0.01 | 0.01 | 0.01 | 0.003 | 0.01 | 0.004 |
| | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) |
| Personalism | −0.17* | −0.24** | −0.12 | −0.18* | −0.15 | −0.22* |
| | (0.08) | (0.08) | (0.08) | (0.08) | (0.09) | (0.09) |
| Leader Tenure | 0.05 | 0.04 | 0.04 | 0.01 | 0.05 | 0.02 |
| | (0.04) | (0.03) | (0.04) | (0.03) | (0.04) | (0.03) |
| Leader Tenure$^2$ | −0.002 | −0.001 | −0.001 | 0.001 | −0.002 | 0.0000 |
| | (0.002) | (0.002) | (0.002) | (0.002) | (0.002) | (0.002) |
| Leader Tenure$^3$ | 0.0000 | −0.0000 | 0.0000 | −0.0000 | 0.0000 | −0.0000 |
| | (0.0000) | (0.0000) | (0.0000) | (0.0000) | (0.0000) | (0.0000) |
| Ln(GDP per Capita) | −0.56*** | −0.59*** | −0.62*** | −0.58*** | −0.66*** | −0.65*** |
| | (0.15) | (0.15) | (0.15) | (0.15) | (0.16) | (0.16) |
| Cabinet Size | 0.002 | 0.001 | 0.003 | 0.002 | 0.003 | 0.002 |
| | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) |
| Left Truncated | −0.30** | −0.26** | −0.32** | −0.26** | −0.28** | −0.22* |
| | (0.10) | (0.09) | (0.10) | (0.09) | (0.10) | (0.09) |
| Leader fixed effects | Yes | Yes | Yes | Yes | Yes | Yes |
| Observations | 32,646 | 38,151 | 30,547 | 36,935 | 30,091 | 37,172 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A25:** Conditional Logit of Minister Survival with 5-year CWE Window, Events Controls

| | GWF SSA | GWF All | LIED SSA | LIED All | VDem ROW SSA | VDem ROW All |
|---|---|---|---|---|---|---|
| | (1) | (2) | (3) | (4) | (5) | (6) |
| CWE 5-year | 0.39*** | 0.36*** | 0.41*** | 0.37*** | 0.40*** | 0.33*** |
| | (0.08) | (0.07) | (0.08) | (0.08) | (0.09) | (0.08) |
| Minister Tenure | 0.12*** | 0.12*** | 0.12*** | 0.11*** | 0.12*** | 0.11*** |
| | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) |
| Minister Tenure$^2$ | −0.01*** | −0.01*** | −0.01*** | −0.01*** | −0.01*** | −0.01*** |
| | (0.003) | (0.003) | (0.003) | (0.003) | (0.003) | (0.003) |
| Minister Tenure$^3$ | 0.0004*** | 0.0004*** | 0.0004*** | 0.0004*** | 0.0004*** | 0.0003*** |
| | (0.0001) | (0.0001) | (0.0001) | (0.0001) | (0.0001) | (0.0001) |
| Ln(Oil/Gas Rents) | 0.003 | 0.002 | 0.002 | 0.001 | 0.003 | 0.001 |
| | (0.01) | (0.01) | (0.01) | (0.005) | (0.01) | (0.01) |
| Personalism | −0.11 | −0.13* | −0.08 | −0.09 | −0.10 | −0.10 |
| | (0.06) | (0.06) | (0.06) | (0.07) | (0.06) | (0.07) |
| Leader Exit | 1.56*** | 1.46*** | 1.55*** | 1.43*** | 1.56*** | 1.43*** |
| | (0.11) | (0.11) | (0.12) | (0.12) | (0.11) | (0.11) |
| Leader Tenure | −0.05 | −0.05* | −0.05* | −0.07** | −0.05 | −0.06* |
| | (0.03) | (0.02) | (0.03) | (0.02) | (0.03) | (0.02) |
| Leader Tenure$^2$ | 0.003 | 0.003* | 0.003 | 0.004* | 0.003 | 0.004* |
| | (0.002) | (0.002) | (0.002) | (0.002) | (0.002) | (0.002) |
| Leader Tenure$^3$ | −0.0001 | −0.0001* | −0.0001 | −0.0001* | −0.0001 | −0.0001* |
| | (0.0000) | (0.0000) | (0.0000) | (0.0000) | (0.0000) | (0.0000) |
| Election | 0.46*** | 0.48*** | 0.41*** | 0.42*** | 0.40*** | 0.41*** |
| | (0.10) | (0.09) | (0.10) | (0.09) | (0.10) | (0.09) |
| Failed Coup | 0.37* | 0.39* | 0.36* | 0.38* | 0.39* | 0.41** |
| | (0.16) | (0.16) | (0.16) | (0.16) | (0.16) | (0.16) |
| Ln(GDP per Capita) | −0.41*** | −0.44*** | −0.40*** | −0.45*** | −0.41*** | −0.47*** |
| | (0.11) | (0.11) | (0.11) | (0.12) | (0.11) | (0.12) |
| Cabinet Size | 0.01 | 0.004 | 0.01 | 0.005 | 0.01 | 0.01 |
| | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) |
| Left Truncated | −0.21* | −0.15* | −0.21* | −0.14 | −0.19* | −0.10 |
| | (0.08) | (0.07) | (0.08) | (0.08) | (0.09) | (0.08) |
| Leader fixed effects | Yes | Yes | Yes | Yes | Yes | Yes |
| Observations | 32,646 | 38,151 | 30,547 | 36,935 | 30,091 | 37,172 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A26:** Conditional Logit of Minister Survival with 5-year CWE Window, Additional Controls

| | GWF SSA | GWF All | LIED SSA | LIED All | VDem ROW SSA | VDem ROW All |
|---|---|---|---|---|---|---|
| | (1) | (2) | (3) | (4) | (5) | (6) |
| CWE 5-year | 0.41*** | 0.36*** | 0.42*** | 0.36*** | 0.40*** | 0.33*** |
| | (0.09) | (0.08) | (0.09) | (0.08) | (0.10) | (0.09) |
| Minister Tenure | 0.12*** | 0.12*** | 0.12*** | 0.11*** | 0.11*** | 0.11*** |
| | (0.03) | (0.02) | (0.03) | (0.03) | (0.03) | (0.03) |
| Minister Tenure$^2$ | −0.01*** | −0.01*** | −0.01*** | −0.01*** | −0.01*** | −0.01*** |
| | (0.003) | (0.003) | (0.003) | (0.003) | (0.003) | (0.003) |
| Minister Tenure$^3$ | 0.0004*** | 0.0004*** | 0.0004*** | 0.0004*** | 0.0004*** | 0.0003*** |
| | (0.0001) | (0.0001) | (0.0001) | (0.0001) | (0.0001) | (0.0001) |
| Ln(Oil/Gas Rents) | 0.002 | 0.001 | 0.002 | 0.0002 | 0.003 | 0.001 |
| | (0.005) | (0.01) | (0.01) | (0.005) | (0.01) | (0.01) |
| Ln(Total Aid) | 0.05 | 0.06 | 0.04 | 0.04 | 0.04 | 0.04 |
| | (0.05) | (0.04) | (0.05) | (0.04) | (0.05) | (0.04) |
| VDem Polyarchy | 0.65 | 0.38 | 0.67 | 0.45 | 0.54 | 0.38 |
| | (0.57) | (0.53) | (0.74) | (0.63) | (0.84) | (0.71) |
| Personalism | −0.14* | −0.17* | −0.12 | −0.15* | −0.13 | −0.16* |
| | (0.07) | (0.07) | (0.07) | (0.07) | (0.08) | (0.07) |
| Leader Exit | 1.60*** | 1.49*** | 1.60*** | 1.47*** | 1.59*** | 1.47*** |
| | (0.11) | (0.11) | (0.12) | (0.13) | (0.11) | (0.12) |
| Leader Tenure | −0.07* | −0.06* | −0.07* | −0.08** | −0.06 | −0.07* |
| | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) |
| Leader Tenure$^2$ | 0.004* | 0.003* | 0.004* | 0.004** | 0.003 | 0.004* |
| | (0.002) | (0.002) | (0.002) | (0.002) | (0.002) | (0.002) |
| Leader Tenure$^3$ | −0.0001* | −0.0001* | −0.0001* | −0.0001** | −0.0001 | −0.0001* |
| | (0.0000) | (0.0000) | (0.0000) | (0.0000) | (0.0000) | (0.0000) |
| Election | 0.45*** | 0.46*** | 0.40*** | 0.41*** | 0.38*** | 0.40*** |
| | (0.10) | (0.09) | (0.10) | (0.09) | (0.10) | (0.09) |
| Failed Coup | 0.36* | 0.42** | 0.34* | 0.39* | 0.38* | 0.42** |
| | (0.16) | (0.16) | (0.16) | (0.16) | (0.16) | (0.16) |
| Ln(GDP per Capita) | −0.42*** | −0.42*** | −0.39** | −0.40*** | −0.41*** | −0.43*** |
| | (0.12) | (0.12) | (0.12) | (0.12) | (0.12) | (0.12) |
| Cabinet Size | 0.004 | 0.002 | 0.003 | 0.003 | 0.004 | 0.004 |
| | (0.01) | (0.01) | (0.005) | (0.005) | (0.01) | (0.005) |
| Left Truncated | −0.16 | −0.13 | −0.15 | −0.12 | −0.14 | −0.11 |
| | (0.09) | (0.07) | (0.09) | (0.07) | (0.09) | (0.07) |
| Leader fixed effects | Yes | Yes | Yes | Yes | Yes | Yes |
| Observations | 31,105 | 35,828 | 29,034 | 34,960 | 28,945 | 35,156 |

*Note:* A29 *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

## A3.3 Models of Minister Survival with Balanced Sample

**Table A27:** Pooled Models of Minister Survival with 5-year CWE Window, Balanced Sample

| | No Controls | Baseline | Tenure | Events |
|---|---|---|---|---|
| | (1) | (2) | (3) | (4) |
| CWE 5-year | 0.38*** | 0.39*** | 0.40*** | 0.45*** |
| | (0.11) | (0.09) | (0.09) | (0.09) |
| Minister Tenure | | | 0.03 | 0.05 |
| | | | (0.04) | (0.04) |
| Minister Tenure$^2$ | | | −0.01 | −0.01* |
| | | | (0.004) | (0.004) |
| Minister Tenure$^3$ | | | 0.0002 | 0.0004** |
| | | | (0.0001) | (0.0001) |
| Ln(Oil/Gas Rents) | | 0.02** | 0.02* | 0.01* |
| | | (0.01) | (0.01) | (0.01) |
| Personalism | | 0.21* | 0.25** | 0.29*** |
| | | (0.08) | (0.08) | (0.08) |
| Leader Exit | | | | 1.93*** |
| | | | | (0.17) |
| Leader Tenure | | | −0.10** | −0.08* |
| | | | (0.03) | (0.03) |
| Leader Tenure$^2$ | | | 0.01** | 0.004* |
| | | | (0.002) | (0.002) |
| Leader Tenure$^3$ | | | −0.0001* | −0.0001 |
| | | | (0.0000) | (0.0000) |
| Election | | | | 0.50*** |
| | | | | (0.13) |
| Failed Coup | | | | 0.66** |
| | | | | (0.22) |
| Ln(GDP per Capita) | | −0.41*** | −0.38*** | −0.36*** |
| | | (0.08) | (0.07) | (0.08) |
| Cabinet Size | | −0.01* | −0.01* | −0.01 |
| | | (0.01) | (0.01) | (0.01) |
| Left Truncated | | −0.26 | −0.21 | −0.15 |
| | | (0.14) | (0.14) | (0.14) |
| Constant | −1.09*** | 2.05*** | 2.23*** | 1.47* |
| | (0.07) | (0.60) | (0.57) | (0.63) |
| Observations | 36,093 | 29,786 | 29,786 | 29,786 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A28:** Conditional Logit of Minister Survival with 5-year CWE Window, Balanced Sample

| | No Controls | Baseline | Tenure | Events |
|---|---|---|---|---|
| | (1) | (2) | (3) | (4) |
| CWE 5-year | 0.39*** | 0.37*** | 0.36*** | 0.38*** |
| | (0.10) | (0.08) | (0.08) | (0.08) |
| Minister Tenure | | | 0.11** | 0.12*** |
| | | | (0.03) | (0.03) |
| Minister Tenure$^2$ | | | −0.01** | −0.01*** |
| | | | (0.004) | (0.003) |
| Minister Tenure$^3$ | | | 0.0003** | 0.0004*** |
| | | | (0.0001) | (0.0001) |
| Ln(Oil/Gas Rents) | | 0.01 | 0.01 | 0.003 |
| | | (0.01) | (0.01) | (0.01) |
| Personalism | | −0.02 | −0.16 | −0.13 |
| | | (0.07) | (0.10) | (0.07) |
| Leader Exit | | | | 1.49*** |
| | | | | (0.11) |
| Leader Tenure | | | 0.05 | −0.04 |
| | | | (0.04) | (0.03) |
| Leader Tenure$^2$ | | | −0.002 | 0.003 |
| | | | (0.002) | (0.002) |
| Leader Tenure$^3$ | | | 0.0000 | −0.0000 |
| | | | (0.0000) | (0.0000) |
| Election | | | | 0.47*** |
| | | | | (0.10) |
| Failed Coup | | | | 0.35 |
| | | | | (0.18) |
| Ln(GDP per Capita) | | −0.58*** | −0.60*** | −0.45*** |
| | | (0.14) | (0.16) | (0.11) |
| Cabinet Size | | 0.004 | 0.001 | 0.01 |
| | | (0.01) | (0.01) | (0.01) |
| Left Truncated | | −0.18 | −0.22 | −0.16 |
| | | (0.10) | (0.12) | (0.10) |
| Leader fixed effects? | Yes | Yes | Yes | Yes |
| Observations | 36,093 | 29,786 | 29,786 | 29,786 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

## A3.4 Models of Minister Survival with CWE Surviving Leaders Sample

**Table A29:** Pooled Logit of Minister Survival, GWF SSA Sample Limited to CWE Surviving Leaders

| | *Dependent variable:* | | | |
|---|---|---|---|---|
| | Minister Exit | | | |
| | No Controls | Baseline | Tenure | Events |
| | (1) | (2) | (3) | (4) |
| CWE 5-year | 0.367* | 0.389** | 0.464*** | 0.641*** |
| | (0.154) | (0.127) | (0.089) | (0.094) |
| Minister Tenure | | | −0.008 | −0.005 |
| | | | (0.063) | (0.061) |
| Minister Tenure$^2$ | | | −0.003 | −0.004 |
| | | | (0.007) | (0.007) |
| Minister Tenure$^3$ | | | 0.0002 | 0.0002 |
| | | | (0.0002) | (0.0002) |
| Ln(Oil/Gas Rents) | | 0.030** | 0.029** | 0.030*** |
| | | (0.011) | (0.010) | (0.009) |
| Personalism | | 0.253* | 0.222* | 0.247 |
| | | (0.103) | (0.112) | (0.126) |
| Leader Exit | | | | 2.519*** |
| | | | | (0.378) |
| Leader Tenure | | | −0.085 | −0.153** |
| | | | (0.053) | (0.058) |
| Leader Tenure$^2$ | | | 0.005 | 0.009** |
| | | | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | −0.0001 | −0.0002** |
| | | | (0.0001) | (0.0001) |
| Election | | | | 0.680** |
| | | | | (0.236) |
| Failed Coup | | | | 0.169 |
| | | | | (0.316) |
| Ln(GDP per Capita) | | −0.666*** | −0.644*** | −0.633*** |
| | | (0.145) | (0.115) | (0.127) |
| Cabinet Size | | −0.013 | −0.014 | −0.010 |
| | | (0.012) | (0.011) | (0.011) |
| Left Truncated | | 0.593 | 0.534 | 0.495 |
| | | (0.366) | (0.335) | (0.382) |
| Constant | −1.210*** | 3.854*** | 4.042*** | 3.894*** |
| | (0.193) | (1.149) | (1.031) | (1.099) |
| Observations | 9,076 | 9,076 | 9,076 | 9,076 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A30:** Conditional Logit of Minister Survival, GWF SSA Sample Limited to CWE Surviving Leaders

| | *Dependent variable:* | | | |
|---|---|---|---|---|
| | Minister Exit | | | |
| | No Controls | Baseline | Tenure | Events |
| | (1) | (2) | (3) | (4) |
| CWE 5-year | 0.302* | 0.335** | 0.365*** | 0.548*** |
| | (0.125) | (0.109) | (0.071) | (0.084) |
| Minister Tenure | | | 0.046 | 0.049 |
| | | | (0.049) | (0.038) |
| Minister Tenure$^2$ | | | −0.006 | −0.007 |
| | | | (0.005) | (0.004) |
| Minister Tenure$^3$ | | | 0.0002 | 0.0003* |
| | | | (0.0001) | (0.0001) |
| Ln(Oil/Gas Rents) | | 0.030** | 0.026** | 0.006 |
| | | (0.010) | (0.009) | (0.011) |
| Personalism | | −0.112 | −0.182 | −0.181 |
| | | (0.117) | (0.138) | (0.114) |
| Leader Exit | | | | 1.620*** |
| | | | | (0.121) |
| Leader Tenure | | | −0.072 | −0.108* |
| | | | (0.053) | (0.046) |
| Leader Tenure$^2$ | | | 0.005 | 0.007** |
| | | | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | −0.0001 | −0.0001** |
| | | | (0.0001) | (0.00005) |
| Election | | | | 0.616*** |
| | | | | (0.179) |
| Failed Coup | | | | 0.364 |
| | | | | (0.261) |
| Ln(GDP per Capita) | | −0.366*** | −0.221 | −0.216 |
| | | (0.107) | (0.166) | (0.132) |
| Cabinet Size | | 0.004 | 0.0001 | 0.009 |
| | | (0.007) | (0.006) | (0.007) |
| Left Truncated | | 0.280 | 0.197 | 0.061 |
| | | (0.186) | (0.163) | (0.110) |
| Leader Fixed Effects? | Yes | Yes | Yes | Yes |
| Observations | 9,076 | 9,076 | 9,076 | 9,076 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

# A4 Senior Minister Exit Analyses

## A4.1 Pooled Logit Models from Figure 5

**Table A31:** Pooled Logit Models with Senior Minister by CWE Interaction from Figure 5

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | CWE 5-year | CWE 4-year | CWE 3-year | CWE 2-year | CWE 1-year |
| | (1) | (2) | (3) | (4) | (5) |
| CWE Window | 0.37*** | 0.68*** | 0.94*** | 1.19*** | 1.45*** |
| | (0.04) | (0.05) | (0.05) | (0.06) | (0.09) |
| Senior Minister | −0.23*** | −0.23*** | −0.22*** | −0.23*** | −0.22*** |
| | (0.04) | (0.04) | (0.04) | (0.04) | (0.04) |
| CWE X Senior | 0.26** | 0.21* | 0.22* | 0.32** | 0.74*** |
| | (0.09) | (0.10) | (0.10) | (0.12) | (0.17) |
| Ln(Oil/Gas Rents) | 0.02*** | 0.02*** | 0.02*** | 0.02*** | 0.02*** |
| | (0.002) | (0.002) | (0.002) | (0.002) | (0.002) |
| Personalism | 0.27*** | 0.27*** | 0.28*** | 0.28*** | 0.29*** |
| | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) |
| Leader Exit | 2.09*** | 2.10*** | 2.10*** | 2.08*** | 2.05*** |
| | (0.05) | (0.05) | (0.05) | (0.05) | (0.05) |
| Leader Tenure | −0.06*** | −0.06*** | −0.06*** | −0.07*** | −0.07*** |
| | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) |
| Leader Tenure$^2$ | 0.004*** | 0.003*** | 0.003*** | 0.004*** | 0.004*** |
| | (0.001) | (0.001) | (0.001) | (0.001) | (0.001) |
| Leader Tenure$^3$ | −0.0001*** | −0.0001*** | −0.0001*** | −0.0001*** | −0.0001*** |
| | (0.0000) | (0.0000) | (0.0000) | (0.0000) | (0.0000) |
| Election | 0.51*** | 0.50*** | 0.49*** | 0.48*** | 0.46*** |
| | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) |
| Failed Coup | 0.74*** | 0.73*** | 0.72*** | 0.70*** | 0.79*** |
| | (0.06) | (0.06) | (0.06) | (0.06) | (0.06) |
| Ln(GDP per Capita) | −0.35*** | −0.35*** | −0.35*** | −0.35*** | −0.36*** |
| | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) |
| Cabinet Size | −0.01*** | −0.01*** | −0.01*** | −0.01*** | −0.01*** |
| | (0.001) | (0.001) | (0.001) | (0.001) | (0.001) |
| Left Truncated | −0.16** | −0.13* | −0.13* | −0.14* | −0.17** |
| | (0.06) | (0.06) | (0.06) | (0.06) | (0.06) |
| Constant | 1.43*** | 1.38*** | 1.39*** | 1.42*** | 1.52*** |
| | (0.18) | (0.18) | (0.18) | (0.18) | (0.18) |
| Observations | 32,646 | 32,646 | 32,646 | 32,646 | 32,646 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

## A4.2 Pooled Logit Models of Minister Survival, Senior Minister Only Sample

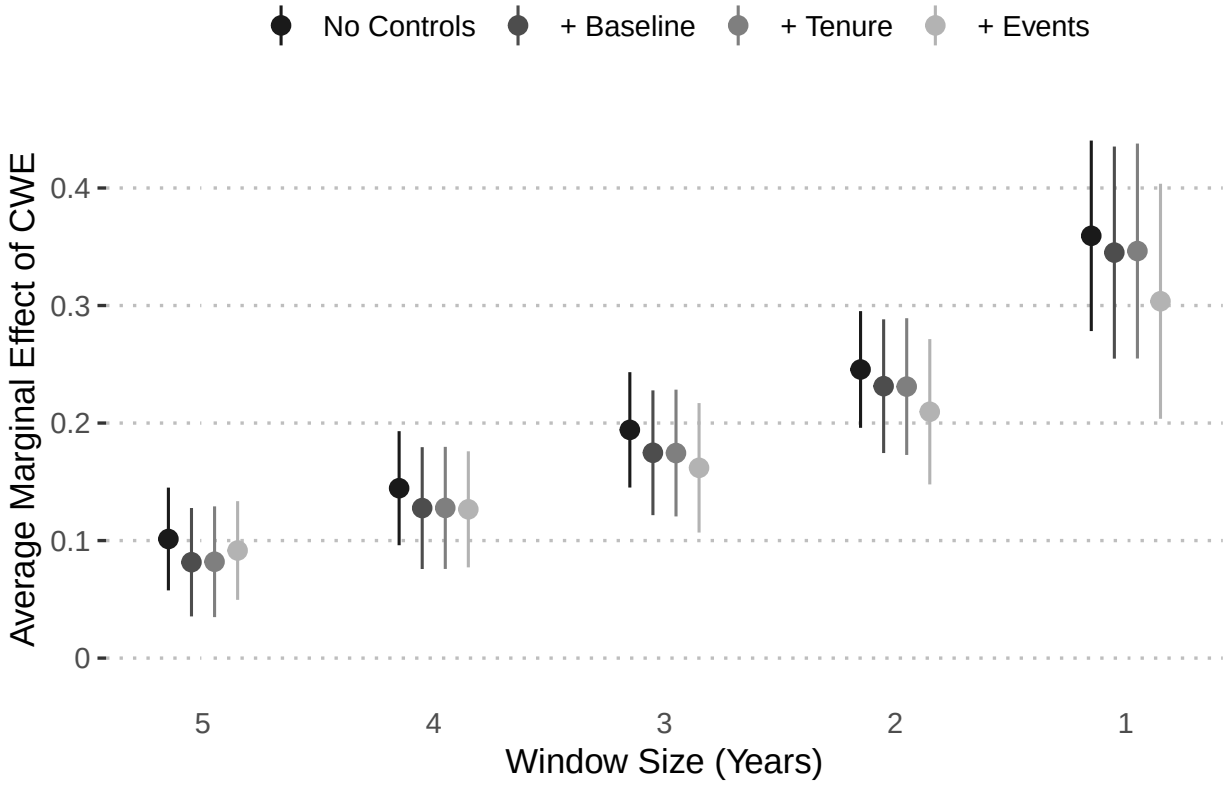



**Figure A1: Average Marginal Effects of CWE with 95% Confidence Intervals Limiting the GWF Sub-Saharan Sample to Senior Ministers**

**Table A32:** Pooled Logit of Minister Survival with 5-year CWE Window, Senior Minister Only GWF SSA Sample

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 5-year | 0.620*** | 0.508*** | 0.512*** | 0.637*** | 0.592*** |
| | (0.142) | (0.147) | (0.152) | (0.145) | (0.135) |
| Ln(Oil/Gas Rents) | | 0.008 | 0.007 | 0.007 | 0.004 |
| | | (0.006) | (0.006) | (0.006) | (0.007) |
| Ln(Total Aid) | | | | | 0.015 |
| | | | | | (0.070) |
| VDem Polyarchy | | | | | −0.971 |
| | | | | | (0.552) |
| Personalism | | 0.177* | 0.138 | 0.159* | 0.064 |
| | | (0.077) | (0.081) | (0.077) | (0.097) |
| Leader Exit | | | | 2.078*** | 2.133*** |
| | | | | (0.224) | (0.228) |
| Leader Tenure | | | 0.055 | 0.044 | 0.037 |
| | | | (0.044) | (0.048) | (0.048) |
| Leader Tenure$^2$ | | | −0.003 | −0.003 | −0.002 |
| | | | (0.002) | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | 0.0001 | 0.00005 | 0.00005 |
| | | | (0.00004) | (0.00004) | (0.00004) |
| Election | | | | 0.642*** | 0.646*** |
| | | | | (0.167) | (0.172) |
| Failed Coup | | | | 1.003*** | 0.909** |
| | | | | (0.300) | (0.287) |
| Ln(GDP per Capita) | | −0.326*** | −0.381*** | −0.346** | −0.343* |
| | | (0.092) | (0.095) | (0.117) | (0.139) |
| Cabinet Size | | −0.011* | −0.012** | −0.006 | −0.007 |
| | | (0.005) | (0.004) | (0.004) | (0.005) |
| Left Truncated | | −0.140 | −0.130 | −0.130 | −0.273 |
| | | (0.196) | (0.195) | (0.203) | (0.210) |
| Constant | −1.437*** | 1.279 | 1.444* | 0.694 | 0.783 |
| | (0.077) | (0.663) | (0.703) | (0.847) | (2.017) |
| Observations | 7,622 | 7,328 | 7,328 | 7,328 | 7,158 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A33:** Pooled Logit of Minister Survival with 4-year CWE Window, Senior Minister Only GWF SSA Sample

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 4-year | 0.892*** | 0.801*** | 0.804*** | 0.888*** | 0.840*** |
| | (0.165) | (0.168) | (0.173) | (0.172) | (0.166) |
| Ln(Oil/Gas Rents) | | 0.009 | 0.008 | 0.007 | 0.005 |
| | | (0.006) | (0.006) | (0.007) | (0.007) |
| Ln(Total Aid) | | | | | 0.006 |
| | | | | | (0.069) |
| VDem Polyarchy | | | | | −0.898 |
| | | | | | (0.558) |
| Personalism | | 0.174* | 0.134 | 0.159* | 0.066 |
| | | (0.080) | (0.082) | (0.078) | (0.098) |
| Leader Exit | | | | 2.086*** | 2.137*** |
| | | | | (0.223) | (0.228) |
| Leader Tenure | | | 0.057 | 0.044 | 0.036 |
| | | | (0.045) | (0.049) | (0.049) |
| Leader Tenure$^2$ | | | −0.003 | −0.003 | −0.002 |
| | | | (0.003) | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | 0.0001 | 0.00005 | 0.00005 |
| | | | (0.00004) | (0.00004) | (0.00004) |
| Election | | | | 0.618*** | 0.624*** |
| | | | | (0.167) | (0.171) |
| Failed Coup | | | | 1.001*** | 0.909** |
| | | | | (0.293) | (0.278) |
| Ln(GDP per Capita) | | −0.322*** | −0.377*** | −0.341** | −0.344* |
| | | (0.093) | (0.096) | (0.117) | (0.139) |
| Cabinet Size | | −0.010* | −0.011* | −0.006 | −0.006 |
| | | (0.005) | (0.005) | (0.004) | (0.005) |
| Left Truncated | | −0.109 | −0.100 | −0.109 | −0.248 |
| | | (0.196) | (0.195) | (0.203) | (0.210) |
| Constant | −1.464*** | 1.194 | 1.350 | 0.617 | 0.907 |
| | (0.078) | (0.673) | (0.716) | (0.853) | (2.003) |
| Observations | 7,622 | 7,328 | 7,328 | 7,328 | 7,158 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A34:** Pooled Logit of Minister Survival with 3-year CWE Window, Senior Minister Only GWF SSA Sample

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 3-year | 1.214*** | 1.108*** | 1.109*** | 1.145*** | 1.104*** |
| | (0.172) | (0.176) | (0.184) | (0.194) | (0.189) |
| Ln(Oil/Gas Rents) | | 0.009 | 0.008 | 0.007 | 0.005 |
| | | (0.006) | (0.006) | (0.007) | (0.007) |
| Ln(Total Aid) | | | | | 0.013 |
| | | | | | (0.070) |
| VDem Polyarchy | | | | | −0.892 |
| | | | | | (0.559) |
| Personalism | | 0.178* | 0.141 | 0.170* | 0.078 |
| | | (0.080) | (0.083) | (0.078) | (0.098) |
| Leader Exit | | | | 2.079*** | 2.132*** |
| | | | | (0.224) | (0.229) |
| Leader Tenure | | | 0.055 | 0.042 | 0.034 |
| | | | (0.046) | (0.048) | (0.049) |
| Leader Tenure$^2$ | | | −0.003 | −0.003 | −0.002 |
| | | | (0.003) | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | 0.0001 | 0.00005 | 0.00005 |
| | | | (0.00004) | (0.00004) | (0.00004) |
| Election | | | | 0.602*** | 0.606*** |
| | | | | (0.164) | (0.169) |
| Failed Coup | | | | 0.957** | 0.864** |
| | | | | (0.310) | (0.294) |
| Ln(GDP per Capita) | | −0.326*** | −0.381*** | −0.346** | −0.348* |
| | | (0.092) | (0.096) | (0.115) | (0.138) |
| Cabinet Size | | −0.011* | −0.012** | −0.006 | −0.007 |
| | | (0.004) | (0.004) | (0.004) | (0.005) |
| Left Truncated | | −0.103 | −0.093 | −0.109 | −0.245 |
| | | (0.197) | (0.196) | (0.203) | (0.211) |
| Constant | −1.476*** | 1.223 | 1.394 | 0.696 | 0.850 |
| | (0.076) | (0.668) | (0.713) | (0.839) | (2.011) |
| Observations | 7,622 | 7,328 | 7,328 | 7,328 | 7,158 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A35:** Pooled Logit of Minister Survival with 2-year CWE Window, Senior Minister Only GWF SSA Sample

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 2-year | 1.554*** | 1.485*** | 1.488*** | 1.497*** | 1.462*** |
| | (0.181) | (0.193) | (0.205) | (0.220) | (0.216) |
| Ln(Oil/Gas Rents) | | 0.009 | 0.008 | 0.007 | 0.005 |
| | | (0.006) | (0.006) | (0.007) | (0.007) |
| Ln(Total Aid) | | | | | 0.005 |
| | | | | | (0.069) |
| VDem Polyarchy | | | | | −0.861 |
| | | | | | (0.562) |
| Personalism | | 0.181* | 0.145 | 0.177* | 0.084 |
| | | (0.080) | (0.081) | (0.076) | (0.096) |
| Leader Exit | | | | 2.055*** | 2.108*** |
| | | | | (0.227) | (0.232) |
| Leader Tenure | | | 0.054 | 0.039 | 0.029 |
| | | | (0.048) | (0.049) | (0.050) |
| Leader Tenure$^2$ | | | −0.003 | −0.003 | −0.002 |
| | | | (0.003) | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | 0.0001 | 0.00005 | 0.00004 |
| | | | (0.00004) | (0.00004) | (0.00005) |
| Election | | | | 0.624*** | 0.629*** |
| | | | | (0.157) | (0.162) |
| Failed Coup | | | | 0.880** | 0.785* |
| | | | | (0.339) | (0.321) |
| Ln(GDP per Capita) | | −0.333*** | −0.388*** | −0.356** | −0.363** |
| | | (0.092) | (0.096) | (0.114) | (0.134) |
| Cabinet Size | | −0.012** | −0.013** | −0.007 | −0.008 |
| | | (0.004) | (0.004) | (0.004) | (0.005) |
| Left Truncated | | −0.109 | −0.098 | −0.118 | −0.253 |
| | | (0.198) | (0.197) | (0.204) | (0.211) |
| Constant | −1.477*** | 1.301* | 1.479* | 0.813 | 1.157 |
| | (0.075) | (0.663) | (0.712) | (0.828) | (1.963) |
| Observations | 7,622 | 7,328 | 7,328 | 7,328 | 7,158 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A36:** Pooled Logit of Minister Survival with 1-year CWE Window, Senior Minister Only GWF SSA Sample

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 1-year | 2.304*** | 2.243*** | 2.259*** | 2.185*** | 2.201*** |
| | (0.296) | (0.316) | (0.332) | (0.369) | (0.367) |
| Ln(Oil/Gas Rents) | | 0.008 | 0.007 | 0.006 | 0.004 |
| | | (0.006) | (0.006) | (0.006) | (0.007) |
| Ln(Total Aid) | | | | | 0.023 |
| | | | | | (0.068) |
| VDem Polyarchy | | | | | −0.931 |
| | | | | | (0.553) |
| Personalism | | 0.191* | 0.154 | 0.189* | 0.100 |
| | | (0.080) | (0.082) | (0.074) | (0.094) |
| Leader Exit | | | | 2.001*** | 2.066*** |
| | | | | (0.227) | (0.234) |
| Leader Tenure | | | 0.049 | 0.038 | 0.031 |
| | | | (0.047) | (0.048) | (0.048) |
| Leader Tenure$^2$ | | | −0.003 | −0.002 | −0.002 |
| | | | (0.003) | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | 0.0001 | 0.00005 | 0.00005 |
| | | | (0.00004) | (0.00004) | (0.00004) |
| Election | | | | 0.579*** | 0.581*** |
| | | | | (0.143) | (0.147) |
| Failed Coup | | | | 1.157*** | 1.058*** |
| | | | | (0.299) | (0.289) |
| Ln(GDP per Capita) | | −0.348*** | −0.408*** | −0.373*** | −0.372** |
| | | (0.088) | (0.095) | (0.109) | (0.124) |
| Cabinet Size | | −0.012** | −0.013** | −0.008* | −0.009 |
| | | (0.004) | (0.004) | (0.004) | (0.005) |
| Left Truncated | | −0.128 | −0.113 | −0.142 | −0.274 |
| | | (0.199) | (0.198) | (0.206) | (0.215) |
| Constant | −1.449*** | 1.450* | 1.683* | 1.004 | 0.945 |
| | (0.074) | (0.626) | (0.704) | (0.790) | (1.834) |
| Observations | 7,622 | 7,328 | 7,328 | 7,328 | 7,158 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

## A4.3 Conditional Logit (Leader Fixed Effects) Models of Minister Survival, Senior Minister Only Sample

**Table A37:** Conditional Logit of Minister Survival with 5-year CWE Window, Senior Minister Only GWF SSA Sample

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 5-year | 0.56*** | 0.49*** | 0.51*** | 0.58*** | 0.52*** |
| | (0.15) | (0.15) | (0.15) | (0.15) | (0.14) |
| Minister Tenure | | | 0.24 | 0.23 | 0.19 |
| | | | (0.14) | (0.14) | (0.15) |
| Minister Tenure$^2$ | | | −0.02 | −0.02* | −0.02 |
| | | | (0.01) | (0.01) | (0.01) |
| Minister Tenure$^3$ | | | 0.0005* | 0.001* | 0.0005* |
| | | | (0.0002) | (0.0002) | (0.0002) |
| Ln(Oil/Gas Rents) | | 0.03*** | 0.01 | −0.01 | −0.01 |
| | | (0.01) | (0.01) | (0.01) | (0.01) |
| Ln(Total Aid) | | | | | 0.22 |
| | | | | | (0.12) |
| VDem Polyarchy | | | | | 0.34 |
| | | | | | (0.82) |
| Personalism | | −0.07 | −0.44* | −0.33* | −0.32 |
| | | (0.13) | (0.18) | (0.16) | (0.17) |
| Leader Exit | | | | 1.67*** | 1.69*** |
| | | | | (0.15) | (0.15) |
| Leader Tenure | | | 0.21** | 0.08 | 0.07 |
| | | | (0.08) | (0.05) | (0.05) |
| Leader Tenure$^2$ | | | −0.01* | −0.004 | −0.004 |
| | | | (0.004) | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | 0.0001* | 0.0001 | 0.0001 |
| | | | (0.0001) | (0.0000) | (0.0000) |
| Election | | | | 0.59*** | 0.59*** |
| | | | | (0.14) | (0.14) |
| Failed Coup | | | | 0.74*** | 0.76*** |
| | | | | (0.22) | (0.23) |
| Ln(GDP per Capita) | | −0.38 | −0.50 | −0.35 | −0.44 |
| | | (0.30) | (0.27) | (0.25) | (0.29) |
| Cabinet Size | | −0.0001 | −0.01 | −0.001 | −0.001 |
| | | (0.01) | (0.01) | (0.004) | (0.01) |
| Left Truncated | | −0.20 | −0.21 | −0.12 | −0.06 |
| | | (0.13) | (0.15) | (0.12) | (0.15) |
| Leader Fixed Effects | Yes | Yes | Yes | Yes | Yes |
| Observations | 7,622 | 7,328 | 7,328 | 7,328 | 7,158 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A38:** Conditional Logit of Minister Survival with 4-year CWE Window, Senior Minister Only GWF SSA Sample

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 4-year | 0.82*** | 0.78*** | 0.79*** | 0.79*** | 0.74*** |
| | (0.16) | (0.17) | (0.18) | (0.18) | (0.16) |
| Minister Tenure | | | 0.22 | 0.21 | 0.18 |
| | | | (0.14) | (0.14) | (0.15) |
| Minister Tenure$^2$ | | | −0.02 | −0.02 | −0.02 |
| | | | (0.01) | (0.01) | (0.01) |
| Minister Tenure$^3$ | | | 0.0004* | 0.0005* | 0.0004* |
| | | | (0.0002) | (0.0002) | (0.0002) |
| Ln(Oil/Gas Rents) | | 0.03*** | 0.01 | −0.01 | −0.01 |
| | | (0.01) | (0.01) | (0.01) | (0.01) |
| Ln(Total Aid) | | | | | 0.21 |
| | | | | | (0.12) |
| VDem Polyarchy | | | | | 0.58 |
| | | | | | (0.82) |
| Personalism | | −0.03 | −0.40* | −0.30 | −0.30 |
| | | (0.13) | (0.18) | (0.16) | (0.17) |
| Leader Exit | | | | 1.67*** | 1.68*** |
| | | | | (0.14) | (0.15) |
| Leader Tenure | | | 0.22** | 0.08 | 0.06 |
| | | | (0.08) | (0.05) | (0.05) |
| Leader Tenure$^2$ | | | −0.01* | −0.004 | −0.004 |
| | | | (0.004) | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | 0.0001* | 0.0001 | 0.0001 |
| | | | (0.0001) | (0.0000) | (0.0000) |
| Election | | | | 0.57*** | 0.57*** |
| | | | | (0.14) | (0.14) |
| Failed Coup | | | | 0.75*** | 0.78*** |
| | | | | (0.21) | (0.22) |
| Ln(GDP per Capita) | | −0.39 | −0.50 | −0.37 | −0.45 |
| | | (0.29) | (0.27) | (0.25) | (0.29) |
| Cabinet Size | | 0.0000 | −0.01 | −0.001 | −0.0003 |
| | | (0.01) | (0.01) | (0.004) | (0.005) |
| Left Truncated | | −0.17 | −0.18 | −0.10 | −0.04 |
| | | (0.13) | (0.15) | (0.13) | (0.15) |
| Leader Fixed Effects | Yes | Yes | Yes | Yes | Yes |
| Observations | 7,622 | 7,328 | 7,328 | 7,328 | 7,158 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A39:** Conditional Logit of Minister Survival with 3-year CWE Window, Senior Minister Only GWF SSA Sample

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 3-year | 1.11*** | 1.04*** | 1.04*** | 0.97*** | 0.92*** |
| | (0.16) | (0.16) | (0.17) | (0.18) | (0.17) |
| Minister Tenure | | | 0.21 | 0.20 | 0.16 |
| | | | (0.13) | (0.14) | (0.14) |
| Minister Tenure$^2$ | | | −0.02 | −0.02 | −0.01 |
| | | | (0.01) | (0.01) | (0.01) |
| Minister Tenure$^3$ | | | 0.0004* | 0.0005* | 0.0004 |
| | | | (0.0002) | (0.0002) | (0.0002) |
| Ln(Oil/Gas Rents) | | 0.03** | 0.01 | −0.005 | −0.01 |
| | | (0.01) | (0.01) | (0.01) | (0.01) |
| Ln(Total Aid) | | | | | 0.22 |
| | | | | | (0.12) |
| VDem Polyarchy | | | | | 0.47 |
| | | | | | (0.82) |
| Personalism | | −0.03 | −0.38* | −0.31* | −0.30 |
| | | (0.13) | (0.17) | (0.15) | (0.17) |
| Leader Exit | | | | 1.64*** | 1.66*** |
| | | | | (0.15) | (0.15) |
| Leader Tenure | | | 0.21** | 0.07 | 0.06 |
| | | | (0.08) | (0.05) | (0.05) |
| Leader Tenure$^2$ | | | −0.01* | −0.004 | −0.004 |
| | | | (0.004) | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | 0.0001* | 0.0001 | 0.0001 |
| | | | (0.0001) | (0.0000) | (0.0000) |
| Election | | | | 0.55*** | 0.56*** |
| | | | | (0.14) | (0.13) |
| Failed Coup | | | | 0.72*** | 0.75** |
| | | | | (0.22) | (0.23) |
| Ln(GDP per Capita) | | −0.36 | −0.47 | −0.35 | −0.43 |
| | | (0.29) | (0.26) | (0.25) | (0.29) |
| Cabinet Size | | −0.002 | −0.01 | −0.002 | −0.002 |
| | | (0.01) | (0.01) | (0.004) | (0.005) |
| Left Truncated | | −0.16 | −0.16 | −0.10 | −0.04 |
| | | (0.13) | (0.16) | (0.13) | (0.16) |
| Leader Fixed Effects | Yes | Yes | Yes | Yes | Yes |
| Observations | 7,622 | 7,328 | 7,328 | 7,328 | 7,158 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A40:** Conditional Logit of Minister Survival with 2-year CWE Window, Senior Minister Only GWF SSA Sample

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 2-year | 1.33*** | 1.29*** | 1.28*** | 1.16*** | 1.12*** |
| | (0.15) | (0.16) | (0.17) | (0.19) | (0.18) |
| Minister Tenure | | | 0.24 | 0.23 | 0.19 |
| | | | (0.13) | (0.14) | (0.14) |
| Minister Tenure$^2$ | | | −0.02 | −0.02* | −0.02 |
| | | | (0.01) | (0.01) | (0.01) |
| Minister Tenure$^3$ | | | 0.0005* | 0.001* | 0.0005* |
| | | | (0.0002) | (0.0002) | (0.0002) |
| Ln(Oil/Gas Rents) | | 0.03** | 0.01 | −0.005 | −0.01 |
| | | (0.01) | (0.01) | (0.01) | (0.01) |
| Ln(Total Aid) | | | | | 0.21 |
| | | | | | (0.12) |
| VDem Polyarchy | | | | | 0.55 |
| | | | | | (0.83) |
| Personalism | | 0.03 | −0.30 | −0.25 | −0.25 |
| | | (0.12) | (0.16) | (0.13) | (0.15) |
| Leader Exit | | | | 1.60*** | 1.61*** |
| | | | | (0.15) | (0.16) |
| Leader Tenure | | | 0.20** | 0.07 | 0.06 |
| | | | (0.08) | (0.05) | (0.05) |
| Leader Tenure$^2$ | | | −0.01* | −0.004 | −0.004 |
| | | | (0.004) | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | 0.0001* | 0.0001 | 0.0001 |
| | | | (0.0001) | (0.0000) | (0.0000) |
| Election | | | | 0.57*** | 0.58*** |
| | | | | (0.13) | (0.13) |
| Failed Coup | | | | 0.66** | 0.69** |
| | | | | (0.23) | (0.24) |
| Ln(GDP per Capita) | | −0.30 | −0.42 | −0.29 | −0.38 |
| | | (0.28) | (0.24) | (0.23) | (0.27) |
| Cabinet Size | | −0.005 | −0.01* | −0.003 | −0.003 |
| | | (0.01) | (0.01) | (0.004) | (0.005) |
| Left Truncated | | −0.16 | −0.16 | −0.11 | −0.05 |
| | | (0.13) | (0.16) | (0.13) | (0.15) |
| Leader Fixed Effects | Yes | Yes | Yes | Yes | Yes |
| Observations | 7,622 | 7,328 | 7,328 | 7,328 | 7,158 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A41:** Conditional Logit of Minister Survival with 1-year CWE Window, Senior Minister Only GWF SSA Sample

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 1-year | 1.73*** | 1.67*** | 1.64*** | 1.39*** | 1.35*** |
| | (0.18) | (0.19) | (0.20) | (0.26) | (0.24) |
| Minister Tenure | | | 0.21 | 0.21 | 0.17 |
| | | | (0.13) | (0.14) | (0.14) |
| Minister Tenure$^2$ | | | −0.02 | −0.02 | −0.02 |
| | | | (0.01) | (0.01) | (0.01) |
| Minister Tenure$^3$ | | | 0.0004* | 0.0005* | 0.0004* |
| | | | (0.0002) | (0.0002) | (0.0002) |
| Ln(Oil/Gas Rents) | | 0.03*** | 0.01 | −0.003 | −0.005 |
| | | (0.01) | (0.01) | (0.01) | (0.01) |
| Ln(Total Aid) | | | | | 0.23* |
| | | | | | (0.11) |
| VDem Polyarchy | | | | | 0.13 |
| | | | | | (0.70) |
| Personalism | | 0.02 | −0.30 | −0.24 | −0.24 |
| | | (0.13) | (0.17) | (0.14) | (0.15) |
| Leader Exit | | | | 1.53*** | 1.54*** |
| | | | | (0.16) | (0.17) |
| Leader Tenure | | | 0.18* | 0.07 | 0.06 |
| | | | (0.07) | (0.05) | (0.05) |
| Leader Tenure$^2$ | | | −0.01* | −0.003 | −0.004 |
| | | | (0.004) | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | 0.0001* | 0.0001 | 0.0001 |
| | | | (0.0001) | (0.0000) | (0.0000) |
| Election | | | | 0.52*** | 0.52*** |
| | | | | (0.13) | (0.12) |
| Failed Coup | | | | 0.89*** | 0.90*** |
| | | | | (0.23) | (0.24) |
| Ln(GDP per Capita) | | −0.28 | −0.39 | −0.26 | −0.34 |
| | | (0.28) | (0.23) | (0.22) | (0.25) |
| Cabinet Size | | −0.004 | −0.01* | −0.001 | −0.001 |
| | | (0.01) | (0.005) | (0.004) | (0.01) |
| Left Truncated | | −0.19 | −0.20 | −0.14 | −0.06 |
| | | (0.13) | (0.15) | (0.12) | (0.15) |
| Leader Fixed Effects | Yes | Yes | Yes | Yes | Yes |
| Observations | 7,622 | 7,328 | 7,328 | 7,328 | 7,158 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

# A5 Coercive Portfolio Minister Exit Analyses

## A5.1 Pooled Logit Models from Figure 6

**Table A42:** Pooled Logit Models with Coercive Portfolio by CWE Interaction from Figure 6

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | | | Minister Exit | | |
| | CWE 5-year | CWE 4-year | CWE 3-year | CWE 2-year | CWE 1-year |
| | (1) | (2) | (3) | (4) | (5) |
| CWE Window | 0.42*** | 0.72*** | 0.98*** | 1.28*** | 1.66*** |
| | (0.04) | (0.04) | (0.05) | (0.06) | (0.08) |
| Coercive Portfolio | −0.07 | −0.08 | −0.07 | −0.06 | −0.06 |
| | (0.05) | (0.05) | (0.05) | (0.05) | (0.05) |
| CWE X Coercive Portfolio | 0.01 | 0.06 | 0.03 | −0.24 | −0.25 |
| | (0.13) | (0.14) | (0.15) | (0.18) | (0.26) |
| Ln(Oil/Gas Rents) | 0.02*** | 0.02*** | 0.02*** | 0.02*** | 0.02*** |
| | (0.002) | (0.002) | (0.002) | (0.002) | (0.002) |
| Personalism | 0.28*** | 0.28*** | 0.29*** | 0.29*** | 0.29*** |
| | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) |
| Leader Exit | 2.08*** | 2.10*** | 2.10*** | 2.08*** | 2.05*** |
| | (0.05) | (0.05) | (0.05) | (0.05) | (0.05) |
| Leader Tenure | −0.07*** | −0.06*** | −0.06*** | −0.07*** | −0.08*** |
| | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) |
| Leader Tenure$^2$ | 0.004*** | 0.004*** | 0.004*** | 0.004*** | 0.004*** |
| | (0.001) | (0.001) | (0.001) | (0.001) | (0.001) |
| Leader Tenure$^3$ | −0.0001*** | −0.0001*** | −0.0001*** | −0.0001*** | −0.0001*** |
| | (0.0000) | (0.0000) | (0.0000) | (0.0000) | (0.0000) |
| Election | 0.51*** | 0.50*** | 0.49*** | 0.48*** | 0.46*** |
| | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) |
| Failed Coup | 0.74*** | 0.74*** | 0.73*** | 0.71*** | 0.80*** |
| | (0.06) | (0.06) | (0.06) | (0.06) | (0.06) |
| Ln(GDP per Capita) | −0.37*** | −0.37*** | −0.37*** | −0.36*** | −0.37*** |
| | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) |
| Cabinet Size | −0.01*** | −0.01*** | −0.01*** | −0.01*** | −0.01*** |
| | (0.001) | (0.001) | (0.001) | (0.001) | (0.001) |
| Left Truncated | −0.18** | −0.16** | −0.15* | −0.17** | −0.19** |
| | (0.06) | (0.06) | (0.06) | (0.06) | (0.06) |
| Constant | 1.54*** | 1.49*** | 1.50*** | 1.52*** | 1.61*** |
| | (0.18) | (0.18) | (0.18) | (0.18) | (0.18) |
| Observations | 32,646 | 32,646 | 32,646 | 32,646 | 32,646 |

*Note:* *p<0.05; **p<0.01; ***p<0.001

## A5.2 Pooled Logit Models of Minister Survival, Coercive Portfolio Minister Only Sample

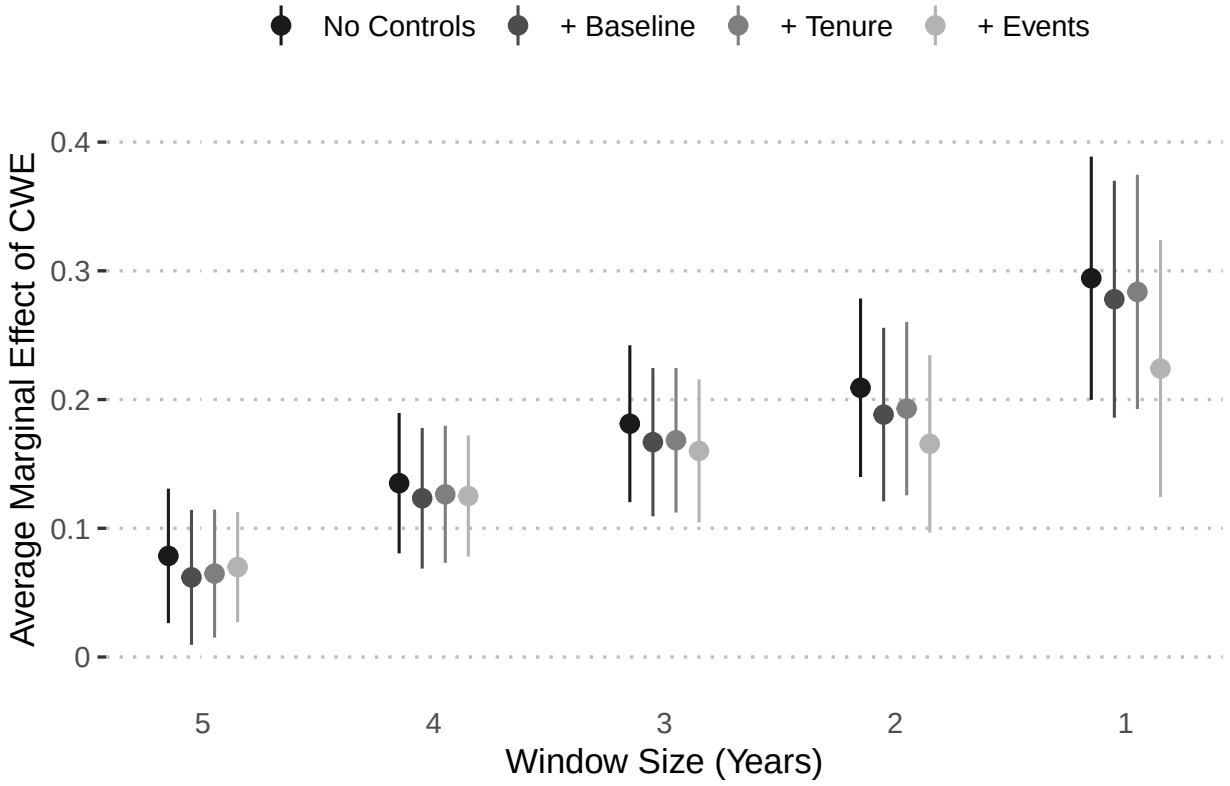



**Figure A2: Average Marginal Effects of CWE with 95% Confidence Intervals Limiting the GWF Sub-Saharan Sample to Coercive Portfolio Ministers**

**Table A43:** Pooled Logit of Minister Survival with 5-year CWE Window, GWF SSA Sample Limited to Coercive Portfolio Ministers

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 5-year | 0.424** | 0.341* | 0.361* | 0.445** | 0.500*** |
| | (0.142) | (0.147) | (0.142) | (0.140) | (0.141) |
| Minister Tenure | | | −0.087 | −0.028 | −0.008 |
| | | | (0.075) | (0.079) | (0.080) |
| Minister Tenure$^2$ | | | 0.008 | 0.001 | −0.001 |
| | | | (0.010) | (0.011) | (0.010) |
| Minister Tenure$^3$ | | | −0.0004 | −0.0001 | −0.0001 |
| | | | (0.0004) | (0.0004) | (0.0003) |
| Ln(Oil/Gas Rents) | | 0.016 | 0.013 | 0.012 | 0.014 |
| | | (0.008) | (0.007) | (0.007) | (0.008) |
| Ln(Total Aid) | | | | | −0.040 |
| | | | | | (0.054) |
| VDem Polyarchy | | | | | 0.087 |
| | | | | | (0.419) |
| Personalism | | 0.174 | 0.210* | 0.298*** | 0.273** |
| | | (0.089) | (0.090) | (0.089) | (0.093) |
| Leader Exit | | | | 2.383*** | 2.379*** |
| | | | | (0.198) | (0.203) |
| Leader Tenure | | | −0.112* | −0.089 | −0.078 |
| | | | (0.049) | (0.047) | (0.049) |
| Leader Tenure$^2$ | | | 0.007* | 0.005 | 0.005 |
| | | | (0.003) | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | −0.0001 | −0.0001* | −0.0001 |
| | | | (0.0001) | (0.0001) | (0.0001) |
| Election | | | | 0.403* | 0.395* |
| | | | | (0.160) | (0.164) |
| Failed Coup | | | | 0.746** | 0.729* |
| | | | | (0.279) | (0.285) |
| Ln(GDP per Capita) | | −0.380*** | −0.332*** | −0.342** | −0.444*** |
| | | (0.109) | (0.098) | (0.104) | (0.104) |
| Cabinet Size | | −0.010 | −0.006 | −0.001 | 0.002 |
| | | (0.006) | (0.006) | (0.006) | (0.007) |
| Left Truncated | | −0.515* | −0.425* | −0.374 | −0.566* |
| | | (0.213) | (0.201) | (0.206) | (0.275) |
| Constant | −1.173*** | 1.800* | 1.980** | 1.349 | 2.717* |
| | (0.072) | (0.830) | (0.745) | (0.761) | (1.375) |
| Observations | 3,186 | 3,033 | 3,033 | 3,033 | 2,808 |



*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A44:** Pooled Logit of Minister Survival with 4-year CWE Window, GWF SSA Sample Limited to Coercive Portfolio Ministers

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 4-year | 0.735*** | 0.686*** | 0.709*** | 0.804*** | 0.872*** |
| | (0.149) | (0.155) | (0.154) | (0.154) | (0.153) |
| Minister Tenure | | | −0.085 | −0.026 | −0.003 |
| | | | (0.077) | (0.081) | (0.080) |
| Minister Tenure$^2$ | | | 0.008 | 0.0001 | −0.002 |
| | | | (0.010) | (0.011) | (0.010) |
| Minister Tenure$^3$ | | | −0.0003 | −0.0001 | −0.00003 |
| | | | (0.0004) | (0.0004) | (0.0003) |
| Ln(Oil/Gas Rents) | | 0.016* | 0.013 | 0.013 | 0.015 |
| | | (0.008) | (0.007) | (0.007) | (0.008) |
| Ln(Total Aid) | | | | | −0.050 |
| | | | | | (0.053) |
| VDem Polyarchy | | | | | 0.178 |
| | | | | | (0.424) |
| Personalism | | 0.173 | 0.207* | 0.298*** | 0.273** |
| | | (0.091) | (0.091) | (0.090) | (0.094) |
| Leader Exit | | | | 2.404*** | 2.399*** |
| | | | | (0.196) | (0.200) |
| Leader Tenure | | | −0.111* | −0.087 | −0.077 |
| | | | (0.049) | (0.047) | (0.050) |
| Leader Tenure$^2$ | | | 0.007* | 0.005 | 0.005 |
| | | | (0.003) | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | −0.0001 | −0.0001 | −0.0001 |
| | | | (0.0001) | (0.0001) | (0.0001) |
| Election | | | | 0.387* | 0.376* |
| | | | | (0.159) | (0.163) |
| Failed Coup | | | | 0.734** | 0.721** |
| | | | | (0.273) | (0.278) |
| Ln(GDP per Capita) | | −0.381*** | −0.331*** | −0.341** | −0.452*** |
| | | (0.111) | (0.100) | (0.106) | (0.105) |
| Cabinet Size | | −0.010 | −0.005 | −0.001 | 0.003 |
| | | (0.006) | (0.006) | (0.006) | (0.007) |
| Left Truncated | | −0.477* | −0.385 | −0.335 | −0.531 |
| | | (0.213) | (0.202) | (0.207) | (0.277) |
| Constant | −1.202*** | 1.761* | 1.926* | 1.290 | 2.890* |
| | (0.071) | (0.846) | (0.758) | (0.776) | (1.343) |
| Observations | 3,186 | 3,033 | 3,033 | 3,033 | 2,808 |



*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A45:** Pooled Logit of Minister Survival with 3-year CWE Window, GWF SSA Sample Limited to Coercive Portfolio Ministers

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 3-year | 0.992*** | 0.934*** | 0.950*** | 1.034*** | 1.093*** |
| | (0.166) | (0.165) | (0.164) | (0.185) | (0.187) |
| Minister Tenure | | | −0.085 | −0.025 | −0.002 |
| | | | (0.076) | (0.080) | (0.081) |
| Minister Tenure$^2$ | | | 0.008 | −0.00004 | −0.002 |
| | | | (0.010) | (0.011) | (0.010) |
| Minister Tenure$^3$ | | | −0.0003 | −0.0001 | −0.00002 |
| | | | (0.0004) | (0.0004) | (0.0003) |
| Ln(Oil/Gas Rents) | | 0.016* | 0.014 | 0.013 | 0.015 |
| | | (0.008) | (0.007) | (0.007) | (0.008) |
| Ln(Total Aid) | | | | | −0.042 |
| | | | | | (0.053) |
| VDem Polyarchy | | | | | 0.132 |
| | | | | | (0.429) |
| Personalism | | 0.172 | 0.207* | 0.300*** | 0.276** |
| | | (0.091) | (0.091) | (0.090) | (0.094) |
| Leader Exit | | | | 2.408*** | 2.404*** |
| | | | | (0.196) | (0.200) |
| Leader Tenure | | | −0.111* | −0.086 | −0.076 |
| | | | (0.049) | (0.047) | (0.050) |
| Leader Tenure$^2$ | | | 0.007* | 0.005 | 0.005 |
| | | | (0.003) | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | −0.0001 | −0.0001 | −0.0001 |
| | | | (0.0001) | (0.0001) | (0.0001) |
| Election | | | | 0.380* | 0.368* |
| | | | | (0.156) | (0.159) |
| Failed Coup | | | | 0.726** | 0.710* |
| | | | | (0.278) | (0.284) |
| Ln(GDP per Capita) | | −0.379*** | −0.330*** | −0.339** | −0.447*** |
| | | (0.112) | (0.100) | (0.106) | (0.104) |
| Cabinet Size | | −0.010 | −0.006 | −0.001 | 0.002 |
| | | (0.006) | (0.006) | (0.006) | (0.007) |
| Left Truncated | | −0.471* | −0.381 | −0.337 | −0.531 |
| | | (0.212) | (0.201) | (0.206) | (0.276) |
| Constant | −1.208*** | 1.748* | 1.917* | 1.289 | 2.714* |
| | (0.070) | (0.851) | (0.761) | (0.782) | (1.345) |
| Observations | 3,186 | 3,033 | 3,033 | 3,033 | 2,808 |



*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A46:** Pooled Logit of Minister Survival with 2-year CWE Window, GWF SSA Sample Limited to Coercive Portfolio Ministers

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 2-year | 1.145*** | 1.052*** | 1.088*** | 1.066*** | 1.145*** |
| | (0.191) | (0.193) | (0.196) | (0.226) | (0.225) |
| Minister Tenure | | | −0.085 | −0.026 | −0.004 |
| | | | (0.077) | (0.080) | (0.080) |
| Minister Tenure$^2$ | | | 0.008 | 0.001 | −0.001 |
| | | | (0.010) | (0.011) | (0.010) |
| Minister Tenure$^3$ | | | −0.0004 | −0.0001 | −0.0001 |
| | | | (0.0004) | (0.0004) | (0.0003) |
| Ln(Oil/Gas Rents) | | 0.016 | 0.013 | 0.012 | 0.013 |
| | | (0.008) | (0.007) | (0.007) | (0.008) |
| Ln(Total Aid) | | | | | −0.030 |
| | | | | | (0.053) |
| VDem Polyarchy | | | | | 0.067 |
| | | | | | (0.422) |
| Personalism | | 0.172 | 0.212* | 0.305*** | 0.283** |
| | | (0.091) | (0.091) | (0.089) | (0.094) |
| Leader Exit | | | | 2.374*** | 2.367*** |
| | | | | (0.197) | (0.201) |
| Leader Tenure | | | −0.119* | −0.095* | −0.087 |
| | | | (0.049) | (0.047) | (0.050) |
| Leader Tenure$^2$ | | | 0.007* | 0.006* | 0.005 |
| | | | (0.003) | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | −0.0001 | −0.0001* | −0.0001 |
| | | | (0.0001) | (0.0001) | (0.0001) |
| Election | | | | 0.373* | 0.359* |
| | | | | (0.157) | (0.161) |
| Failed Coup | | | | 0.719* | 0.699* |
| | | | | (0.284) | (0.291) |
| Ln(GDP per Capita) | | −0.375*** | −0.325*** | −0.334** | −0.433*** |
| | | (0.111) | (0.099) | (0.104) | (0.101) |
| Cabinet Size | | −0.010 | −0.006 | −0.001 | 0.001 |
| | | (0.006) | (0.006) | (0.006) | (0.007) |
| Left Truncated | | −0.497* | −0.405* | −0.373 | −0.559* |
| | | (0.212) | (0.200) | (0.206) | (0.277) |
| Constant | −1.191*** | 1.747* | 1.932* | 1.328 | 2.504 |
| | (0.071) | (0.843) | (0.752) | (0.768) | (1.323) |
| Observations | 3,186 | 3,033 | 3,033 | 3,033 | 2,808 |



*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A47:** Pooled Logit of Minister Survival with 1-year CWE Window, GWF SSA Sample Limited to Coercive Portfolio Ministers

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 1-year | 1.614*** | 1.558*** | 1.605*** | 1.441*** | 1.537*** |
| | (0.263) | (0.263) | (0.264) | (0.327) | (0.334) |
| Minister Tenure | | | −0.078 | −0.021 | 0.0003 |
| | | | (0.078) | (0.082) | (0.082) |
| Minister Tenure$^2$ | | | 0.008 | 0.001 | −0.001 |
| | | | (0.011) | (0.011) | (0.011) |
| Minister Tenure$^3$ | | | −0.0004 | −0.0001 | −0.0001 |
| | | | (0.0004) | (0.0004) | (0.0003) |
| Ln(Oil/Gas Rents) | | 0.016 | 0.013 | 0.012 | 0.013 |
| | | (0.008) | (0.007) | (0.007) | (0.008) |
| Ln(Total Aid) | | | | | −0.028 |
| | | | | | (0.054) |
| VDem Polyarchy | | | | | −0.016 |
| | | | | | (0.426) |
| Personalism | | 0.178* | 0.221* | 0.313*** | 0.292** |
| | | (0.090) | (0.092) | (0.090) | (0.095) |
| Leader Exit | | | | 2.342*** | 2.333*** |
| | | | | (0.198) | (0.203) |
| Leader Tenure | | | −0.127** | −0.100* | −0.090 |
| | | | (0.049) | (0.047) | (0.050) |
| Leader Tenure$^2$ | | | 0.008* | 0.006* | 0.005 |
| | | | (0.003) | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | −0.0001* | −0.0001* | −0.0001 |
| | | | (0.0001) | (0.0001) | (0.0001) |
| Election | | | | 0.349* | 0.333* |
| | | | | (0.159) | (0.162) |
| Failed Coup | | | | 0.802** | 0.786** |
| | | | | (0.288) | (0.296) |
| Ln(GDP per Capita) | | −0.373*** | −0.325*** | −0.333** | −0.427*** |
| | | (0.110) | (0.099) | (0.104) | (0.102) |
| Cabinet Size | | −0.011 | −0.007 | −0.002 | 0.0003 |
| | | (0.006) | (0.006) | (0.006) | (0.007) |
| Left Truncated | | −0.519* | −0.428* | −0.400 | −0.592* |
| | | (0.211) | (0.200) | (0.205) | (0.275) |
| Constant | −1.170*** | 1.766* | 1.974** | 1.366 | 2.474 |
| | (0.072) | (0.843) | (0.759) | (0.771) | (1.370) |
| Observations | 3,186 | 3,033 | 3,033 | 3,033 | 2,808 |



*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

## A5.3 Conditional Logit (Leader Fixed Effects) Models of Minister Survival, Coercive Portfolio Minister Only Sample

**Table A48:** Conditional Logit of Minister Survival with 5-year CWE Window, Only Coercive Portfolio Ministers

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 5-year | 0.47** | 0.40** | 0.40** | 0.41** | 0.48*** |
| | (0.15) | (0.15) | (0.15) | (0.13) | (0.13) |
| Minister Tenure | | | 0.06 | 0.05 | 0.07 |
| | | | (0.06) | (0.06) | (0.06) |
| Minister Tenure$^2$ | | | −0.002 | −0.001 | −0.003 |
| | | | (0.01) | (0.01) | (0.01) |
| Minister Tenure$^3$ | | | −0.0001 | −0.0001 | −0.0000 |
| | | | (0.0003) | (0.0003) | (0.0003) |
| Ln(Oil/Gas Rents) | | 0.02 | 0.01 | 0.01 | −0.001 |
| | | (0.01) | (0.02) | (0.01) | (0.01) |
| Ln(Total Aid) | | | | | 0.03 |
| | | | | | (0.06) |
| VDem Polyarchy | | | | | 1.80 |
| | | | | | (1.16) |
| Personalism | | 0.02 | −0.18 | −0.09 | −0.14 |
| | | (0.10) | (0.13) | (0.11) | (0.12) |
| Leader Exit | | | | 1.66*** | 1.75*** |
| | | | | (0.13) | (0.13) |
| Leader Tenure | | | 0.04 | −0.07 | −0.12* |
| | | | (0.07) | (0.05) | (0.05) |
| Leader Tenure$^2$ | | | 0.0002 | 0.01 | 0.01* |
| | | | (0.004) | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | −0.0000 | −0.0001* | −0.0001* |
| | | | (0.0001) | (0.0001) | (0.0001) |
| Election | | | | 0.33* | 0.32* |
| | | | | (0.13) | (0.13) |
| Failed Coup | | | | 0.39 | 0.35 |
| | | | | (0.22) | (0.22) |
| Ln(GDP per Capita) | | −0.97*** | −1.03*** | −0.72** | −0.52* |
| | | (0.25) | (0.30) | (0.23) | (0.23) |
| Cabinet Size | | 0.01 | −0.001 | 0.001 | −0.001 |
| | | (0.01) | (0.01) | (0.01) | (0.01) |
| Left Truncated | | −0.44 | −0.42 | −0.18 | −0.15 |
| | | (0.23) | (0.25) | (0.23) | (0.32) |
| Leader Fixed Effects? | Yes | Yes | Yes | Yes | Yes |
| Observations | 3,186 | 3,033 | 3,033 | 3,033 | 2,808 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A49:** Conditional Logit of Minister Survival with 4-year CWE Window, Only Coercive Portfolio Ministers

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 4-year | 0.76*** | 0.73*** | 0.73*** | 0.72*** | 0.81*** |
| | (0.14) | (0.14) | (0.15) | (0.14) | (0.14) |
| Minister Tenure | | | 0.07 | 0.06 | 0.08 |
| | | | (0.06) | (0.06) | (0.06) |
| Minister Tenure$^2$ | | | −0.003 | −0.002 | −0.004 |
| | | | (0.01) | (0.01) | (0.01) |
| Minister Tenure$^3$ | | | −0.0001 | −0.0001 | −0.0000 |
| | | | (0.0003) | (0.0003) | (0.0003) |
| Ln(Oil/Gas Rents) | | 0.02 | 0.01 | 0.01 | −0.001 |
| | | (0.01) | (0.02) | (0.01) | (0.01) |
| Ln(Total Aid) | | | | | 0.03 |
| | | | | | (0.06) |
| VDem Polyarchy | | | | | 2.31* |
| | | | | | (1.17) |
| Personalism | | 0.02 | −0.19 | −0.10 | −0.16 |
| | | (0.10) | (0.14) | (0.11) | (0.12) |
| Leader Exit | | | | 1.65*** | 1.75*** |
| | | | | (0.13) | (0.12) |
| Leader Tenure | | | 0.04 | −0.07 | −0.12* |
| | | | (0.07) | (0.05) | (0.05) |
| Leader Tenure$^2$ | | | 0.0004 | 0.01 | 0.01* |
| | | | (0.004) | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | −0.0000 | −0.0001* | −0.0001* |
| | | | (0.0001) | (0.0001) | (0.0001) |
| Election | | | | 0.32* | 0.31* |
| | | | | (0.13) | (0.13) |
| Failed Coup | | | | 0.40* | 0.36 |
| | | | | (0.20) | (0.20) |
| Ln(GDP per Capita) | | −0.93*** | −0.99*** | −0.68** | −0.50* |
| | | (0.25) | (0.30) | (0.23) | (0.24) |
| Cabinet Size | | 0.01 | −0.0003 | 0.002 | 0.001 |
| | | (0.01) | (0.01) | (0.01) | (0.01) |
| Left Truncated | | −0.42 | −0.39 | −0.16 | −0.12 |
| | | (0.24) | (0.26) | (0.23) | (0.33) |
| Leader Fixed Effects? | Yes | Yes | Yes | Yes | Yes |
| Observations | 3,186 | 3,033 | 3,033 | 3,033 | 2,808 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A50:** Conditional Logit of Minister Survival with 3-year CWE Window, Only Coercive Portfolio Ministers

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 3-year | 0.95*** | 0.89*** | 0.90*** | 0.86*** | 0.92*** |
| | (0.13) | (0.13) | (0.14) | (0.14) | (0.15) |
| Minister Tenure | | | 0.07 | 0.06 | 0.08 |
| | | | (0.06) | (0.06) | (0.06) |
| Minister Tenure$^2$ | | | −0.003 | −0.002 | −0.005 |
| | | | (0.01) | (0.01) | (0.01) |
| Minister Tenure$^3$ | | | −0.0001 | −0.0001 | 0.0000 |
| | | | (0.0003) | (0.0003) | (0.0003) |
| Ln(Oil/Gas Rents) | | 0.02 | 0.01 | 0.01 | −0.001 |
| | | (0.01) | (0.02) | (0.01) | (0.01) |
| Ln(Total Aid) | | | | | 0.04 |
| | | | | | (0.06) |
| VDem Polyarchy | | | | | 2.01 |
| | | | | | (1.15) |
| Personalism | | 0.02 | −0.18 | −0.10 | −0.16 |
| | | (0.10) | (0.13) | (0.11) | (0.12) |
| Leader Exit | | | | 1.64*** | 1.74*** |
| | | | | (0.13) | (0.12) |
| Leader Tenure | | | 0.04 | −0.07 | −0.12* |
| | | | (0.07) | (0.05) | (0.05) |
| Leader Tenure$^2$ | | | 0.0004 | 0.01 | 0.01* |
| | | | (0.004) | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | −0.0000 | −0.0001* | −0.0001* |
| | | | (0.0001) | (0.0001) | (0.0001) |
| Election | | | | 0.32** | 0.30* |
| | | | | (0.12) | (0.12) |
| Failed Coup | | | | 0.40* | 0.36 |
| | | | | (0.20) | (0.21) |
| Ln(GDP per Capita) | | −0.88*** | −0.94** | −0.64** | −0.45 |
| | | (0.25) | (0.30) | (0.24) | (0.24) |
| Cabinet Size | | 0.01 | −0.001 | 0.002 | −0.0004 |
| | | (0.01) | (0.01) | (0.01) | (0.01) |
| Left Truncated | | −0.42 | −0.39 | −0.16 | −0.12 |
| | | (0.24) | (0.25) | (0.23) | (0.33) |
| Leader Fixed Effects? | Yes | Yes | Yes | Yes | Yes |
| Observations | 3,186 | 3,033 | 3,033 | 3,033 | 2,808 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A51:** Conditional Logit of Minister Survival with 2-year CWE Window, Only Coercive Portfolio Ministers

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 2-year | 1.02*** | 0.92*** | 0.91*** | 0.82*** | 0.89*** |
| | (0.13) | (0.14) | (0.14) | (0.15) | (0.14) |
| Minister Tenure | | | 0.07 | 0.06 | 0.07 |
| | | | (0.06) | (0.06) | (0.06) |
| Minister Tenure$^2$ | | | −0.002 | −0.001 | −0.004 |
| | | | (0.01) | (0.01) | (0.01) |
| Minister Tenure$^3$ | | | −0.0001 | −0.0001 | −0.0000 |
| | | | (0.0003) | (0.0003) | (0.0003) |
| Ln(Oil/Gas Rents) | | 0.02 | 0.005 | 0.01 | −0.003 |
| | | (0.01) | (0.02) | (0.01) | (0.01) |
| Ln(Total Aid) | | | | | 0.05 |
| | | | | | (0.06) |
| VDem Polyarchy | | | | | 1.66 |
| | | | | | (1.10) |
| Personalism | | 0.02 | −0.16 | −0.08 | −0.14 |
| | | (0.10) | (0.13) | (0.11) | (0.12) |
| Leader Exit | | | | 1.63*** | 1.72*** |
| | | | | (0.13) | (0.12) |
| Leader Tenure | | | 0.03 | −0.08 | −0.13* |
| | | | (0.07) | (0.05) | (0.05) |
| Leader Tenure$^2$ | | | 0.001 | 0.01 | 0.01* |
| | | | (0.004) | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | −0.0000 | −0.0001* | −0.0001** |
| | | | (0.0001) | (0.0001) | (0.0001) |
| Election | | | | 0.31* | 0.29* |
| | | | | (0.12) | (0.12) |
| Failed Coup | | | | 0.40 | 0.37 |
| | | | | (0.20) | (0.21) |
| Ln(GDP per Capita) | | −0.88*** | −0.93** | −0.64** | −0.45 |
| | | (0.24) | (0.28) | (0.23) | (0.23) |
| Cabinet Size | | 0.01 | −0.002 | 0.001 | −0.002 |
| | | (0.01) | (0.01) | (0.01) | (0.01) |
| Left Truncated | | −0.44 | −0.43 | −0.20 | −0.15 |
| | | (0.23) | (0.25) | (0.23) | (0.32) |
| Leader Fixed Effects? | Yes | Yes | Yes | Yes | Yes |
| Observations | 3,186 | 3,033 | 3,033 | 3,033 | 2,808 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A52:** Conditional Logit of Minister Survival with 1-year CWE Window, Only Coercive Portfolio Ministers

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 1-year | 1.31*** | 1.21*** | 1.20*** | 0.97*** | 1.03*** |
| | (0.14) | (0.14) | (0.14) | (0.19) | (0.19) |
| Minister Tenure | | | 0.07 | 0.06 | 0.08 |
| | | | (0.06) | (0.06) | (0.06) |
| Minister Tenure$^2$ | | | −0.002 | −0.001 | −0.003 |
| | | | (0.01) | (0.01) | (0.01) |
| Minister Tenure$^3$ | | | −0.0001 | −0.0001 | −0.0000 |
| | | | (0.0003) | (0.0003) | (0.0003) |
| Ln(Oil/Gas Rents) | | 0.01 | 0.004 | 0.004 | −0.004 |
| | | (0.01) | (0.02) | (0.01) | (0.01) |
| Ln(Total Aid) | | | | | 0.04 |
| | | | | | (0.06) |
| VDem Polyarchy | | | | | 1.36 |
| | | | | | (1.10) |
| Personalism | | 0.03 | −0.13 | −0.05 | −0.10 |
| | | (0.10) | (0.13) | (0.11) | (0.12) |
| Leader Exit | | | | 1.60*** | 1.69*** |
| | | | | (0.14) | (0.13) |
| Leader Tenure | | | 0.01 | −0.09 | −0.13* |
| | | | (0.07) | (0.05) | (0.05) |
| Leader Tenure$^2$ | | | 0.002 | 0.01* | 0.01** |
| | | | (0.004) | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | −0.0001 | −0.0001* | −0.0001** |
| | | | (0.0001) | (0.0001) | (0.0001) |
| Election | | | | 0.29* | 0.27* |
| | | | | (0.13) | (0.13) |
| Failed Coup | | | | 0.48* | 0.46* |
| | | | | (0.21) | (0.21) |
| Ln(GDP per Capita) | | −0.86*** | −0.90** | −0.65** | −0.44 |
| | | (0.24) | (0.28) | (0.22) | (0.23) |
| Cabinet Size | | 0.004 | −0.003 | 0.001 | −0.002 |
| | | (0.01) | (0.01) | (0.01) | (0.01) |
| Left Truncated | | −0.46* | −0.45 | −0.22 | −0.18 |
| | | (0.23) | (0.25) | (0.23) | (0.32) |
| Leader Fixed Effects? | Yes | Yes | Yes | Yes | Yes |
| Observations | 3,186 | 3,033 | 3,033 | 3,033 | 2,808 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

# A6 High Prestige Minister Exit Analyses

## A6.1 Pooled Logit Models

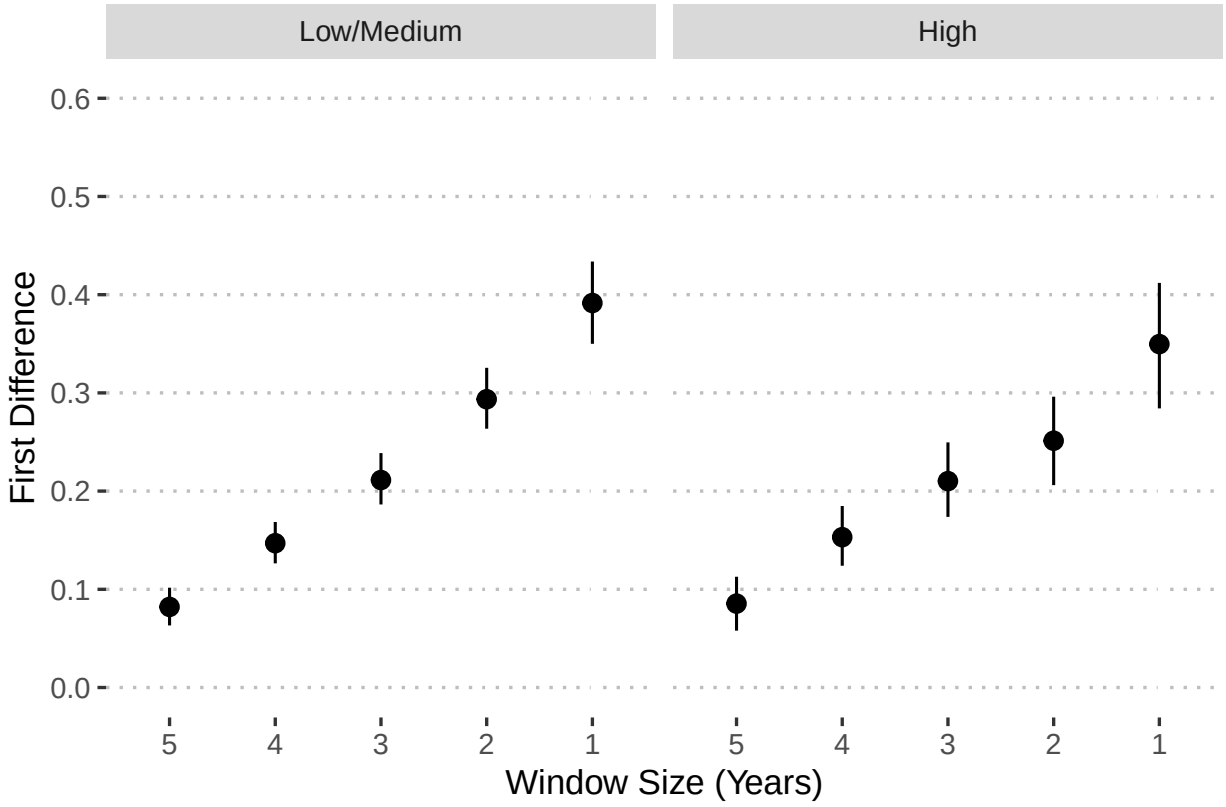



**Figure A3: Difference in minister exit probabilities at CWE = 1 and CWE = 0 for ministers in high prestige and medium/low prestige portfolios with 95% confidence intervals. First differences calculated using models from Table ??.**

**Table A53:** Pooled Logit Models with High Prestige by CWE Interaction

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | CWE 5-year | CWE 4-year | CWE 3-year | CWE 2-year | CWE 1-year |
| | (1) | (2) | (3) | (4) | (5) |
| CWE Window | 0.42*** | 0.71*** | 0.98*** | 1.31*** | 1.69*** |
| | (0.05) | (0.05) | (0.05) | (0.06) | (0.09) |
| High Prestige | −0.14*** | −0.15*** | −0.14*** | −0.13*** | −0.13*** |
| | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) |
| CWE X High Prestige | 0.03 | 0.06 | 0.03 | −0.14 | −0.15 |
| | (0.08) | (0.09) | (0.10) | (0.11) | (0.16) |
| Ln(Oil/Gas Rents) | 0.02*** | 0.02*** | 0.02*** | 0.02*** | 0.02*** |
| | (0.002) | (0.002) | (0.002) | (0.002) | (0.002) |
| Personalism | 0.28*** | 0.28*** | 0.29*** | 0.29*** | 0.29*** |
| | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) |
| Leader Exit | 2.09*** | 2.10*** | 2.11*** | 2.08*** | 2.05*** |
| | (0.05) | (0.05) | (0.05) | (0.05) | (0.05) |
| Leader Tenure | −0.07*** | −0.06*** | −0.06*** | −0.07*** | −0.08*** |
| | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) |
| Leader Tenure$^2$ | 0.004*** | 0.004*** | 0.004*** | 0.004*** | 0.004*** |
| | (0.001) | (0.001) | (0.001) | (0.001) | (0.001) |
| Leader Tenure$^3$ | −0.0001*** | −0.0001*** | −0.0001*** | −0.0001*** | −0.0001*** |
| | (0.0000) | (0.0000) | (0.0000) | (0.0000) | (0.0000) |
| Election | 0.51*** | 0.50*** | 0.49*** | 0.48*** | 0.46*** |
| | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) |
| Failed Coup | 0.74*** | 0.74*** | 0.73*** | 0.71*** | 0.80*** |
| | (0.06) | (0.06) | (0.06) | (0.06) | (0.06) |
| Ln(GDP per Capita) | −0.37*** | −0.37*** | −0.37*** | −0.36*** | −0.36*** |
| | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) |
| Cabinet Size | −0.01*** | −0.01*** | −0.01*** | −0.01*** | −0.01*** |
| | (0.001) | (0.001) | (0.001) | (0.001) | (0.001) |
| Left Truncated | −0.17** | −0.15* | −0.14* | −0.16** | −0.18** |
| | (0.06) | (0.06) | (0.06) | (0.06) | (0.06) |
| Constant | 1.56*** | 1.51*** | 1.52*** | 1.54*** | 1.63*** |
| | (0.18) | (0.18) | (0.18) | (0.18) | (0.18) |
| Observations | 32,646 | 32,646 | 32,646 | 32,646 | 32,646 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

## A6.2 Pooled Logit Models of Minister Survival, High Prestige Minister Only Sample

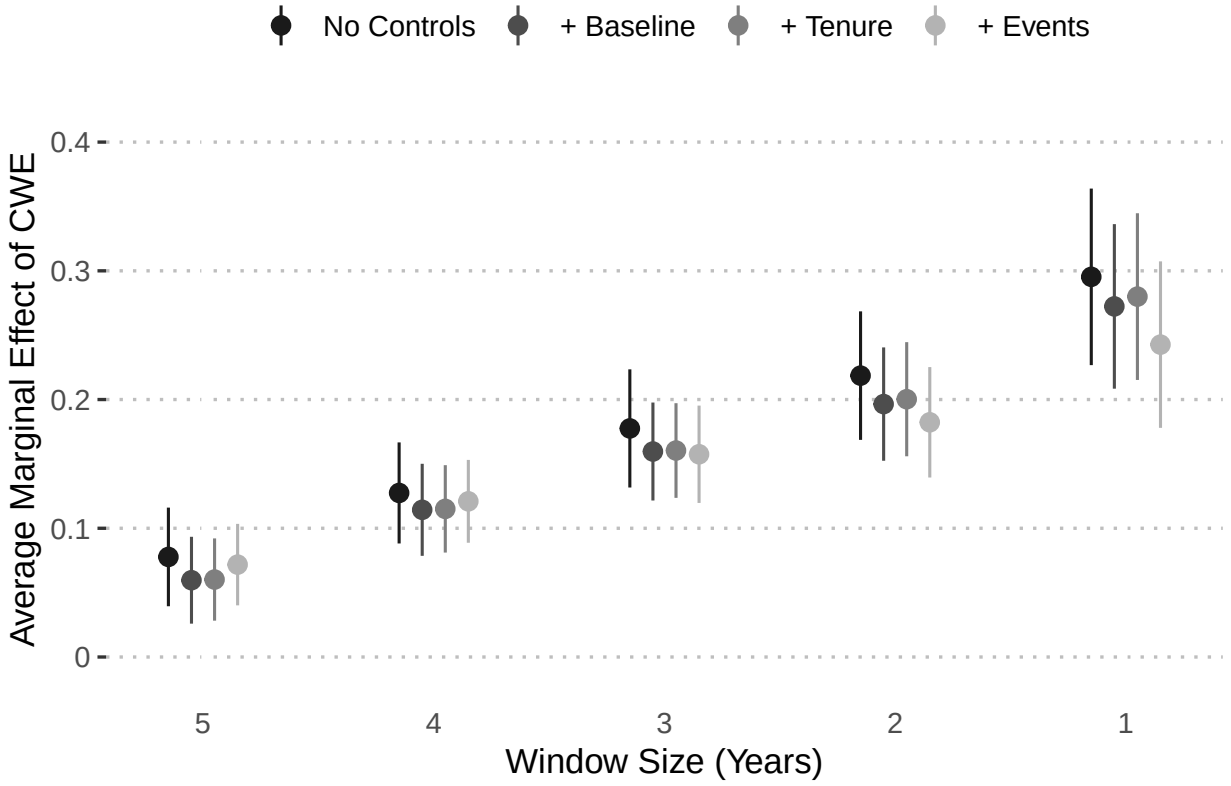



**Figure A4: Average Marginal Effect of CWE Window Variables with 95% Confidence Intervals, High Prestige Minister Only Sample**

**Table A54:** Pooled Logit of Minister Survival with 5-year CWE Window, GWF SSA Sample Limited to High Prestige Ministers

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 5-year | 0.437*** | 0.342*** | 0.347*** | 0.462*** | 0.481*** |
| | (0.108) | (0.099) | (0.094) | (0.104) | (0.109) |
| Minister Tenure | | | −0.067 | −0.042 | −0.032 |
| | | | (0.049) | (0.049) | (0.051) |
| Minister Tenure$^2$ | | | 0.003 | −0.0003 | −0.0001 |
| | | | (0.006) | (0.006) | (0.006) |
| Minister Tenure$^3$ | | | −0.00002 | 0.0001 | 0.0001 |
| | | | (0.0002) | (0.0002) | (0.0002) |
| Ln(Oil/Gas Rents) | | 0.018* | 0.016* | 0.016* | 0.016* |
| | | (0.007) | (0.007) | (0.007) | (0.007) |
| Ln(Total Aid) | | | | | −0.034 |
| | | | | | (0.039) |
| VDem Polyarchy | | | | | −0.680* |
| | | | | | (0.336) |
| Personalism | | 0.227** | 0.253** | 0.289*** | 0.240** |
| | | (0.086) | (0.081) | (0.085) | (0.086) |
| Leader Exit | | | | 2.133*** | 2.095*** |
| | | | | (0.164) | (0.171) |
| Leader Tenure | | | −0.096* | −0.055 | −0.051 |
| | | | (0.038) | (0.037) | (0.040) |
| Leader Tenure$^2$ | | | 0.006* | 0.003 | 0.003 |
| | | | (0.003) | (0.002) | (0.003) |
| Leader Tenure$^3$ | | | −0.0001 | −0.0001 | −0.0001 |
| | | | (0.00005) | (0.00004) | (0.00005) |
| Election | | | | 0.490*** | 0.507*** |
| | | | | (0.121) | (0.126) |
| Failed Coup | | | | 0.951*** | 0.901*** |
| | | | | (0.206) | (0.205) |
| Ln(GDP per Capita) | | −0.403*** | −0.367*** | −0.378*** | −0.410*** |
| | | (0.098) | (0.090) | (0.087) | (0.086) |
| Cabinet Size | | −0.011* | −0.009 | −0.004 | −0.001 |
| | | (0.005) | (0.005) | (0.005) | (0.006) |
| Left Truncated | | −0.247 | −0.186 | −0.112 | −0.287* |
| | | (0.157) | (0.144) | (0.143) | (0.142) |
| Constant | −1.259*** | 1.904** | 2.146** | 1.494* | 2.490* |
| | (0.074) | (0.729) | (0.691) | (0.677) | (1.036) |
| Observations | 9,907 | 9,453 | 9,453 | 9,453 | 8,958 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A55:** Pooled Logit of Minister Survival with 4-year CWE Window, GWF SSA Sample Limited to High Prestige Ministers

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 4-year | 0.722*** | 0.661*** | 0.669*** | 0.786*** | 0.814*** |
| | (0.111) | (0.106) | (0.102) | (0.105) | (0.108) |
| Minister Tenure | | | −0.071 | −0.044 | −0.033 |
| | | | (0.049) | (0.049) | (0.050) |
| Minister Tenure$^2$ | | | 0.003 | −0.0003 | −0.0001 |
| | | | (0.006) | (0.006) | (0.006) |
| Minister Tenure$^3$ | | | −0.00002 | 0.0001 | 0.0001 |
| | | | (0.0002) | (0.0002) | (0.0002) |
| Ln(Oil/Gas Rents) | | 0.018* | 0.016* | 0.017* | 0.016* |
| | | (0.007) | (0.007) | (0.007) | (0.007) |
| Ln(Total Aid) | | | | | −0.047 |
| | | | | | (0.039) |
| VDem Polyarchy | | | | | −0.588 |
| | | | | | (0.343) |
| Personalism | | 0.227** | 0.252** | 0.291*** | 0.241** |
| | | (0.087) | (0.082) | (0.085) | (0.086) |
| Leader Exit | | | | 2.157*** | 2.117*** |
| | | | | (0.160) | (0.168) |
| Leader Tenure | | | −0.095* | −0.053 | −0.050 |
| | | | (0.038) | (0.037) | (0.039) |
| Leader Tenure$^2$ | | | 0.006* | 0.003 | 0.003 |
| | | | (0.003) | (0.002) | (0.003) |
| Leader Tenure$^3$ | | | −0.0001 | −0.0001 | −0.0001 |
| | | | (0.00005) | (0.00004) | (0.00005) |
| Election | | | | 0.476*** | 0.492*** |
| | | | | (0.118) | (0.123) |
| Failed Coup | | | | 0.944*** | 0.898*** |
| | | | | (0.202) | (0.199) |
| Ln(GDP per Capita) | | −0.404*** | −0.365*** | −0.376*** | −0.419*** |
| | | (0.099) | (0.091) | (0.088) | (0.085) |
| Cabinet Size | | −0.011* | −0.009 | −0.003 | −0.001 |
| | | (0.005) | (0.005) | (0.005) | (0.006) |
| Left Truncated | | −0.218 | −0.156 | −0.084 | −0.266 |
| | | (0.157) | (0.144) | (0.142) | (0.140) |
| Constant | −1.288*** | 1.865* | 2.094** | 1.437* | 2.713** |
| | (0.075) | (0.741) | (0.700) | (0.683) | (1.026) |
| Observations | 9,907 | 9,453 | 9,453 | 9,453 | 8,958 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A56:** Pooled Logit of Minister Survival with 3-year CWE Window, GWF SSA Sample Limited to High Prestige Ministers

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 3-year | 1.015*** | 0.929*** | 0.939*** | 1.030*** | 1.058*** |
| | (0.130) | (0.115) | (0.112) | (0.125) | (0.129) |
| Minister Tenure | | | −0.074 | −0.047 | −0.036 |
| | | | (0.049) | (0.049) | (0.051) |
| Minister Tenure$^2$ | | | 0.004 | 0.0001 | 0.0002 |
| | | | (0.006) | (0.006) | (0.006) |
| Minister Tenure$^3$ | | | −0.00004 | 0.0001 | 0.0001 |
| | | | (0.0002) | (0.0002) | (0.0002) |
| Ln(Oil/Gas Rents) | | 0.018** | 0.016* | 0.017* | 0.017* |
| | | (0.007) | (0.007) | (0.007) | (0.007) |
| Ln(Total Aid) | | | | | −0.039 |
| | | | | | (0.039) |
| VDem Polyarchy | | | | | −0.614 |
| | | | | | (0.347) |
| Personalism | | 0.229** | 0.253** | 0.294*** | 0.245** |
| | | (0.088) | (0.082) | (0.085) | (0.086) |
| Leader Exit | | | | 2.160*** | 2.121*** |
| | | | | (0.161) | (0.168) |
| Leader Tenure | | | −0.095* | −0.053 | −0.050 |
| | | | (0.038) | (0.037) | (0.040) |
| Leader Tenure$^2$ | | | 0.006* | 0.003 | 0.003 |
| | | | (0.003) | (0.002) | (0.003) |
| Leader Tenure$^3$ | | | −0.0001 | −0.0001 | −0.0001 |
| | | | (0.00005) | (0.00004) | (0.00005) |
| Election | | | | 0.465*** | 0.480*** |
| | | | | (0.116) | (0.120) |
| Failed Coup | | | | 0.927*** | 0.880*** |
| | | | | (0.208) | (0.205) |
| Ln(GDP per Capita) | | −0.404*** | −0.366*** | −0.376*** | −0.415*** |
| | | (0.100) | (0.092) | (0.088) | (0.085) |
| Cabinet Size | | −0.011* | −0.010 | −0.004 | −0.002 |
| | | (0.005) | (0.005) | (0.005) | (0.006) |
| Left Truncated | | −0.210 | −0.147 | −0.082 | −0.261 |
| | | (0.157) | (0.144) | (0.142) | (0.141) |
| Constant | −1.301*** | 1.868* | 2.097** | 1.454* | 2.577* |
| | (0.075) | (0.748) | (0.705) | (0.687) | (1.023) |
| Observations | 9,907 | 9,453 | 9,453 | 9,453 | 8,958 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A57:** Pooled Logit of Minister Survival with 2-year CWE Window, GWF SSA Sample Limited to High Prestige Ministers

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 2-year | 1.254*** | 1.146*** | 1.176*** | 1.192*** | 1.231*** |
| | (0.146) | (0.134) | (0.136) | (0.142) | (0.139) |
| Minister Tenure | | | −0.075 | −0.047 | −0.038 |
| | | | (0.049) | (0.048) | (0.050) |
| Minister Tenure$^2$ | | | 0.004 | 0.0003 | 0.0005 |
| | | | (0.006) | (0.006) | (0.006) |
| Minister Tenure$^3$ | | | −0.00005 | 0.0001 | 0.0001 |
| | | | (0.0002) | (0.0002) | (0.0002) |
| Ln(Oil/Gas Rents) | | 0.018* | 0.016* | 0.016* | 0.015* |
| | | (0.007) | (0.007) | (0.007) | (0.007) |
| Ln(Total Aid) | | | | | −0.029 |
| | | | | | (0.040) |
| VDem Polyarchy | | | | | −0.665 |
| | | | | | (0.343) |
| Personalism | | 0.229** | 0.257** | 0.299*** | 0.253** |
| | | (0.089) | (0.082) | (0.085) | (0.088) |
| Leader Exit | | | | 2.130*** | 2.091*** |
| | | | | (0.161) | (0.168) |
| Leader Tenure | | | −0.101** | −0.060 | −0.059 |
| | | | (0.039) | (0.038) | (0.040) |
| Leader Tenure$^2$ | | | 0.006* | 0.003 | 0.003 |
| | | | (0.003) | (0.003) | (0.003) |
| Leader Tenure$^3$ | | | −0.0001* | −0.0001 | −0.0001 |
| | | | (0.00005) | (0.00005) | (0.00005) |
| Election | | | | 0.456*** | 0.470*** |
| | | | | (0.119) | (0.123) |
| Failed Coup | | | | 0.917*** | 0.865*** |
| | | | | (0.206) | (0.203) |
| Ln(GDP per Capita) | | −0.404*** | −0.362*** | −0.373*** | −0.404*** |
| | | (0.100) | (0.091) | (0.087) | (0.082) |
| Cabinet Size | | −0.012* | −0.010 | −0.004 | −0.002 |
| | | (0.005) | (0.005) | (0.005) | (0.006) |
| Left Truncated | | −0.230 | −0.162 | −0.106 | −0.278* |
| | | (0.157) | (0.143) | (0.140) | (0.141) |
| Constant | −1.290*** | 1.885* | 2.117** | 1.496* | 2.386* |
| | (0.077) | (0.754) | (0.709) | (0.687) | (0.992) |
| Observations | 9,907 | 9,453 | 9,453 | 9,453 | 8,958 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A58:** Pooled Logit of Minister Survival with 1-year CWE Window, GWF SSA Sample Limited to High Prestige Ministers

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 1-year | 1.696*** | 1.592*** | 1.647*** | 1.586*** | 1.634*** |
| | (0.207) | (0.198) | (0.201) | (0.216) | (0.215) |
| Minister Tenure | | | −0.072 | −0.043 | −0.034 |
| | | | (0.050) | (0.049) | (0.051) |
| Minister Tenure$^2$ | | | 0.004 | −0.0001 | 0.0002 |
| | | | (0.006) | (0.006) | (0.006) |
| Minister Tenure$^3$ | | | −0.00004 | 0.0001 | 0.0001 |
| | | | (0.0002) | (0.0002) | (0.0002) |
| Ln(Oil/Gas Rents) | | 0.018* | 0.016* | 0.016* | 0.015* |
| | | (0.007) | (0.007) | (0.007) | (0.007) |
| Ln(Total Aid) | | | | | −0.020 |
| | | | | | (0.038) |
| VDem Polyarchy | | | | | −0.776* |
| | | | | | (0.340) |
| Personalism | | 0.232** | 0.262** | 0.305*** | 0.259** |
| | | (0.088) | (0.083) | (0.085) | (0.087) |
| Leader Exit | | | | 2.095*** | 2.058*** |
| | | | | (0.163) | (0.170) |
| Leader Tenure | | | −0.109** | −0.066 | −0.062 |
| | | | (0.039) | (0.038) | (0.040) |
| Leader Tenure$^2$ | | | 0.006* | 0.004 | 0.004 |
| | | | (0.003) | (0.002) | (0.003) |
| Leader Tenure$^3$ | | | −0.0001* | −0.0001 | −0.0001 |
| | | | (0.00005) | (0.00005) | (0.00005) |
| Election | | | | 0.430*** | 0.444*** |
| | | | | (0.118) | (0.122) |
| Failed Coup | | | | 1.025*** | 0.972*** |
| | | | | (0.201) | (0.200) |
| Ln(GDP per Capita) | | −0.407*** | −0.367*** | −0.376*** | −0.398*** |
| | | (0.100) | (0.091) | (0.086) | (0.082) |
| Cabinet Size | | −0.012* | −0.010 | −0.005 | −0.003 |
| | | (0.005) | (0.005) | (0.005) | (0.006) |
| Left Truncated | | −0.248 | −0.179 | −0.124 | −0.294* |
| | | (0.157) | (0.142) | (0.140) | (0.142) |
| Constant | −1.262*** | 1.948** | 2.212** | 1.580* | 2.266* |
| | (0.078) | (0.756) | (0.713) | (0.685) | (0.982) |
| Observations | 9,907 | 9,453 | 9,453 | 9,453 | 8,958 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

## A6.3 Conditional Logit (Leader Fixed Effects) Model of Minister Survival, High Prestige Minister Only Sample

**Table A59:** Conditional Logit of Minister Survival with 5-year CWE Window, Only High Prestige Ministers

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 5-year | 0.48*** | 0.40*** | 0.41*** | 0.43*** | 0.46*** |
| | (0.10) | (0.10) | (0.10) | (0.11) | (0.12) |
| Minister Tenure | | | 0.05 | 0.04 | 0.04 |
| | | | (0.04) | (0.04) | (0.04) |
| Minister Tenure$^2$ | | | −0.004 | −0.004 | −0.004 |
| | | | (0.01) | (0.005) | (0.005) |
| Minister Tenure$^3$ | | | 0.0001 | 0.0001 | 0.0001 |
| | | | (0.0002) | (0.0002) | (0.0002) |
| Ln(Oil/Gas Rents) | | 0.02 | 0.01 | 0.01 | 0.01 |
| | | (0.01) | (0.01) | (0.01) | (0.01) |
| Personalism | | | | | 0.07 |
| | | | | | (0.05) |
| Leader Exit | | | | | 1.40* |
| | | | | | (0.66) |
| Leader Tenure | | −0.02 | −0.15 | −0.10 | −0.15 |
| | | (0.08) | (0.11) | (0.08) | (0.10) |
| Leader Tenure$^2$ | | | | 1.52*** | 1.58*** |
| | | | | (0.11) | (0.12) |
| Leader Tenure$^3$ | | | 0.05 | −0.03 | −0.07 |
| | | | (0.05) | (0.04) | (0.04) |
| Election | | | −0.002 | 0.001 | 0.003 |
| | | | (0.003) | (0.002) | (0.002) |
| Failed Coup | | | 0.0000 | −0.0000 | −0.0000 |
| | | | (0.0000) | (0.0000) | (0.0000) |
| Ln(GDP per Capita) | | | | 0.46*** | 0.46*** |
| | | | | (0.10) | (0.10) |
| Cabinet Size | | | | 0.51** | 0.48** |
| | | | | (0.16) | (0.17) |
| Left Truncated | | −0.63*** | −0.64*** | −0.53*** | −0.53*** |
| | | (0.16) | (0.17) | (0.14) | (0.15) |
| cabinet_size | | 0.01 | 0.01 | 0.01* | 0.01 |
| | | (0.01) | (0.01) | (0.01) | (0.01) |
| left_truncated | | −0.27* | −0.28* | −0.17 | −0.14 |
| | | (0.12) | (0.12) | (0.12) | (0.14) |
| Leader Fixed Effects? | Yes | Yes | Yes | Yes | Yes |
| Observations | 9,907 | 9,453 | 9,453 | 9,453 | 8,958 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A60:** Conditional Logit of Minister Survival with 4-year CWE Window, Only High Prestige Ministers

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 4-year | 0.73*** | 0.69*** | 0.70*** | 0.69*** | 0.75*** |
| | (0.09) | (0.10) | (0.10) | (0.11) | (0.12) |
| Minister Tenure | | | 0.05 | 0.04 | 0.04 |
| | | | (0.04) | (0.04) | (0.04) |
| Minister Tenure$^2$ | | | −0.004 | −0.004 | −0.004 |
| | | | (0.01) | (0.005) | (0.005) |
| Minister Tenure$^3$ | | | 0.0001 | 0.0001 | 0.0001 |
| | | | (0.0002) | (0.0002) | (0.0002) |
| Ln(Oil/Gas Rents) | | 0.02* | 0.01 | 0.01 | 0.01 |
| | | (0.01) | (0.01) | (0.01) | (0.01) |
| Personalism | | | | | 0.07 |
| | | | | | (0.05) |
| Leader Exit | | | | | 1.88** |
| | | | | | (0.69) |
| Leader Tenure | | −0.01 | −0.15 | −0.11 | −0.16 |
| | | (0.09) | (0.11) | (0.09) | (0.10) |
| Leader Tenure$^2$ | | | | 1.52*** | 1.58*** |
| | | | | (0.11) | (0.11) |
| Leader Tenure$^3$ | | | 0.06 | −0.02 | −0.07 |
| | | | (0.04) | (0.04) | (0.04) |
| Election | | | −0.002 | 0.001 | 0.003 |
| | | | (0.003) | (0.002) | (0.002) |
| Failed Coup | | | 0.0000 | −0.0000 | −0.0000 |
| | | | (0.0001) | (0.0000) | (0.0000) |
| Ln(GDP per Capita) | | | | 0.45*** | 0.45*** |
| | | | | (0.10) | (0.10) |
| Cabinet Size | | | | 0.52** | 0.49** |
| | | | | (0.16) | (0.17) |
| Left Truncated | | −0.61*** | −0.62*** | −0.51*** | −0.52*** |
| | | (0.16) | (0.17) | (0.14) | (0.16) |
| cabinet_size | | 0.01 | 0.01 | 0.01* | 0.01* |
| | | (0.01) | (0.01) | (0.01) | (0.01) |
| left_truncated | | −0.25* | −0.25* | −0.14 | −0.12 |
| | | (0.12) | (0.12) | (0.12) | (0.14) |
| Leader Fixed Effects? | Yes | Yes | Yes | Yes | Yes |
| Observations | 9,907 | 9,453 | 9,453 | 9,453 | 8,958 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A61:** Conditional Logit of Minister Survival with 3-year CWE Window, Only High Prestige Ministers

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 3-year | 0.97*** | 0.89*** | 0.90*** | 0.85*** | 0.88*** |
| | (0.10) | (0.10) | (0.10) | (0.12) | (0.13) |
| Minister Tenure | | | 0.05 | 0.04 | 0.04 |
| | | | (0.04) | (0.04) | (0.04) |
| Minister Tenure$^2$ | | | −0.004 | −0.003 | −0.004 |
| | | | (0.01) | (0.005) | (0.005) |
| Minister Tenure$^3$ | | | 0.0001 | 0.0001 | 0.0001 |
| | | | (0.0002) | (0.0002) | (0.0002) |
| Ln(Oil/Gas Rents) | | 0.02* | 0.01 | 0.01 | 0.01 |
| | | (0.01) | (0.01) | (0.01) | (0.01) |
| Personalism | | | | | 0.07 |
| | | | | | (0.05) |
| Leader Exit | | | | | 1.65** |
| | | | | | (0.64) |
| Leader Tenure | | −0.01 | −0.15 | −0.11 | −0.17 |
| | | (0.09) | (0.11) | (0.08) | (0.10) |
| Leader Tenure$^2$ | | | | 1.50*** | 1.56*** |
| | | | | (0.11) | (0.11) |
| Leader Tenure$^3$ | | | 0.06 | −0.02 | −0.06 |
| | | | (0.04) | (0.04) | (0.04) |
| Election | | | −0.002 | 0.001 | 0.002 |
| | | | (0.003) | (0.002) | (0.002) |
| Failed Coup | | | 0.0000 | −0.0000 | −0.0000 |
| | | | (0.0001) | (0.0000) | (0.0000) |
| Ln(GDP per Capita) | | | | 0.44*** | 0.44*** |
| | | | | (0.10) | (0.10) |
| Cabinet Size | | | | 0.50** | 0.48** |
| | | | | (0.17) | (0.18) |
| Left Truncated | | −0.55*** | −0.56*** | −0.46** | −0.47** |
| | | (0.16) | (0.17) | (0.14) | (0.16) |
| cabinet_size | | 0.01 | 0.01 | 0.01* | 0.01* |
| | | (0.01) | (0.01) | (0.01) | (0.01) |
| left_truncated | | −0.24* | −0.25* | −0.14 | −0.11 |
| | | (0.12) | (0.12) | (0.12) | (0.14) |
| Leader Fixed Effects? | Yes | Yes | Yes | Yes | Yes |
| Observations | 9,907 | 9,453 | 9,453 | 9,453 | 8,958 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A62:** Conditional Logit of Minister Survival with 2-year CWE Window, Only High Prestige Ministers

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 2-year | 1.14*** | 1.02*** | 1.02*** | 0.92*** | 0.96*** |
| | (0.11) | (0.10) | (0.10) | (0.12) | (0.13) |
| Minister Tenure | | | 0.05 | 0.04 | 0.04 |
| | | | (0.04) | (0.04) | (0.04) |
| Minister Tenure$^2$ | | | −0.004 | −0.003 | −0.004 |
| | | | (0.01) | (0.005) | (0.005) |
| Minister Tenure$^3$ | | | 0.0001 | 0.0001 | 0.0001 |
| | | | (0.0002) | (0.0002) | (0.0002) |
| Ln(Oil/Gas Rents) | | 0.02 | 0.01 | 0.01 | 0.004 |
| | | (0.01) | (0.01) | (0.01) | (0.01) |
| Personalism | | | | | 0.08 |
| | | | | | (0.05) |
| Leader Exit | | | | | 1.45* |
| | | | | | (0.58) |
| Leader Tenure | | −0.003 | −0.13 | −0.09 | −0.15 |
| | | (0.08) | (0.11) | (0.08) | (0.10) |
| Leader Tenure$^2$ | | | | 1.49*** | 1.55*** |
| | | | | (0.11) | (0.11) |
| Leader Tenure$^3$ | | | 0.04 | −0.04 | −0.08* |
| | | | (0.05) | (0.04) | (0.04) |
| Election | | | −0.002 | 0.002 | 0.003 |
| | | | (0.003) | (0.002) | (0.002) |
| Failed Coup | | | 0.0000 | −0.0000 | −0.0000 |
| | | | (0.0001) | (0.0000) | (0.0000) |
| Ln(GDP per Capita) | | | | 0.43*** | 0.43*** |
| | | | | (0.10) | (0.10) |
| Cabinet Size | | | | 0.50** | 0.48** |
| | | | | (0.16) | (0.16) |
| Left Truncated | | −0.52*** | −0.53** | −0.44** | −0.44** |
| | | (0.16) | (0.16) | (0.14) | (0.15) |
| cabinet_size | | 0.01 | 0.01 | 0.01* | 0.01* |
| | | (0.01) | (0.01) | (0.01) | (0.01) |
| left_truncated | | −0.27* | −0.27* | −0.17 | −0.13 |
| | | (0.12) | (0.12) | (0.12) | (0.14) |
| Leader Fixed Effects? | Yes | Yes | Yes | Yes | Yes |
| Observations | 9,907 | 9,453 | 9,453 | 9,453 | 8,958 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

**Table A63:** Conditional Logit of Minister Survival with 1-year CWE Window, Only High Prestige Ministers

| | *Dependent variable:* | | | | |
|---|---|---|---|---|---|
| | Minister Exit | | | | |
| | No Controls | Baseline | Tenure | Events | Extras |
| | (1) | (2) | (3) | (4) | (5) |
| CWE 1-year | 1.41*** | 1.29*** | 1.28*** | 1.09*** | 1.10*** |
| | (0.13) | (0.13) | (0.12) | (0.14) | (0.14) |
| Minister Tenure | | | 0.05 | 0.04 | 0.04 |
| | | | (0.04) | (0.04) | (0.04) |
| Minister Tenure$^2$ | | | −0.004 | −0.003 | −0.003 |
| | | | (0.01) | (0.005) | (0.005) |
| Minister Tenure$^3$ | | | 0.0001 | 0.0001 | 0.0001 |
| | | | (0.0002) | (0.0002) | (0.0002) |
| Ln(Oil/Gas Rents) | | 0.01 | 0.01 | 0.01 | 0.002 |
| | | (0.01) | (0.01) | (0.01) | (0.01) |
| Personalism | | | | | 0.08 |
| | | | | | (0.05) |
| Leader Exit | | | | | 1.00 |
| | | | | | (0.54) |
| Leader Tenure | | 0.001 | −0.10 | −0.06 | −0.11 |
| | | (0.08) | (0.11) | (0.08) | (0.09) |
| Leader Tenure$^2$ | | | | 1.46*** | 1.52*** |
| | | | | (0.12) | (0.12) |
| Leader Tenure$^3$ | | | 0.03 | −0.05 | −0.08* |
| | | | (0.05) | (0.04) | (0.04) |
| Election | | | −0.001 | 0.002 | 0.003 |
| | | | (0.003) | (0.002) | (0.002) |
| Failed Coup | | | 0.0000 | −0.0000 | −0.0001 |
| | | | (0.0001) | (0.0000) | (0.0000) |
| Ln(GDP per Capita) | | | | 0.40*** | 0.39*** |
| | | | | (0.10) | (0.10) |
| Cabinet Size | | | | 0.61*** | 0.59*** |
| | | | | (0.14) | (0.15) |
| Left Truncated | | −0.54*** | −0.53** | −0.45*** | −0.44** |
| | | (0.16) | (0.16) | (0.14) | (0.15) |
| cabinet_size | | 0.01 | 0.005 | 0.01 | 0.01 |
| | | (0.01) | (0.01) | (0.01) | (0.01) |
| left_truncated | | −0.29** | −0.31* | −0.20 | −0.15 |
| | | (0.11) | (0.12) | (0.12) | (0.13) |
| Leader Fixed Effects? | Yes | Yes | Yes | Yes | Yes |
| Observations | 9,907 | 9,453 | 9,453 | 9,453 | 8,958 |

*Note:* *p<0.05; **p<0.01; ***p<0.001
Standard errors clustered by leader.

# A7 Yearly Leader and Minister Turnover

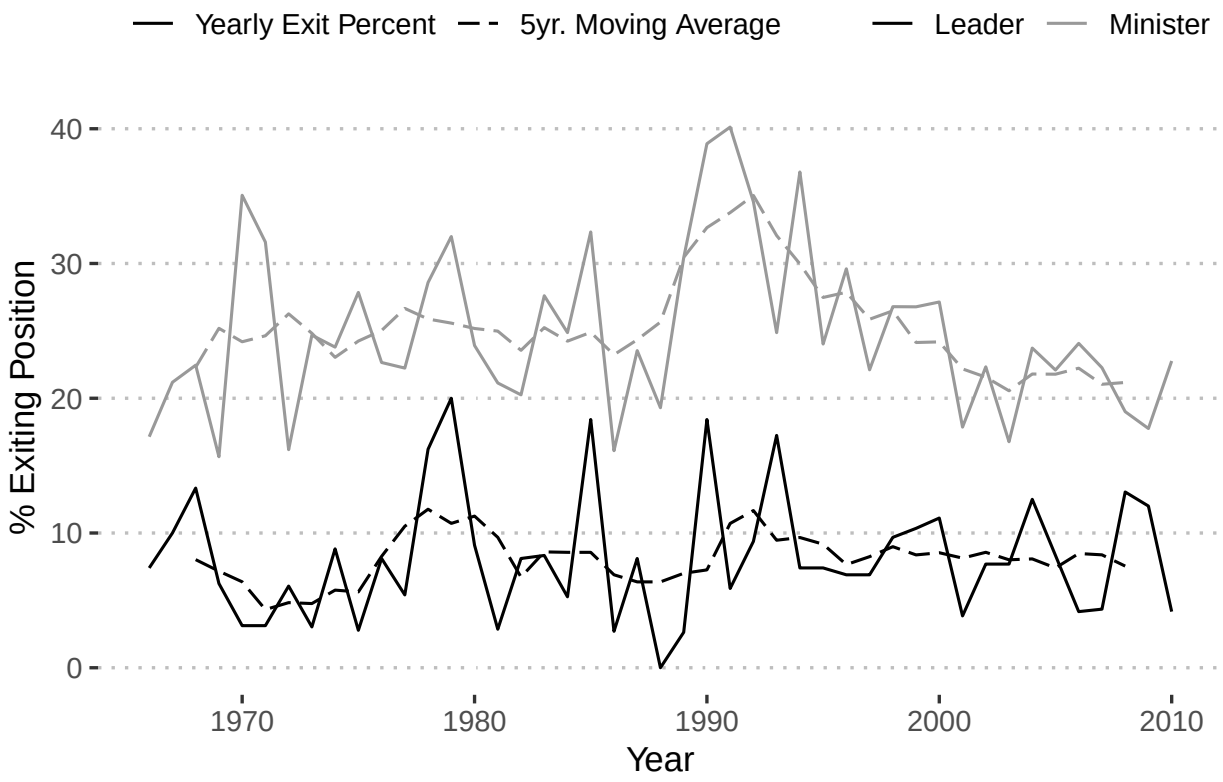



**Figure A5: Leader and Minister Exits across GWF Sub-Saharan Sample**

# A8 Additional Placebo Tests

## A8.1 Five Year Placebo Test, Conditional Logit (Leader Fixed Effects)

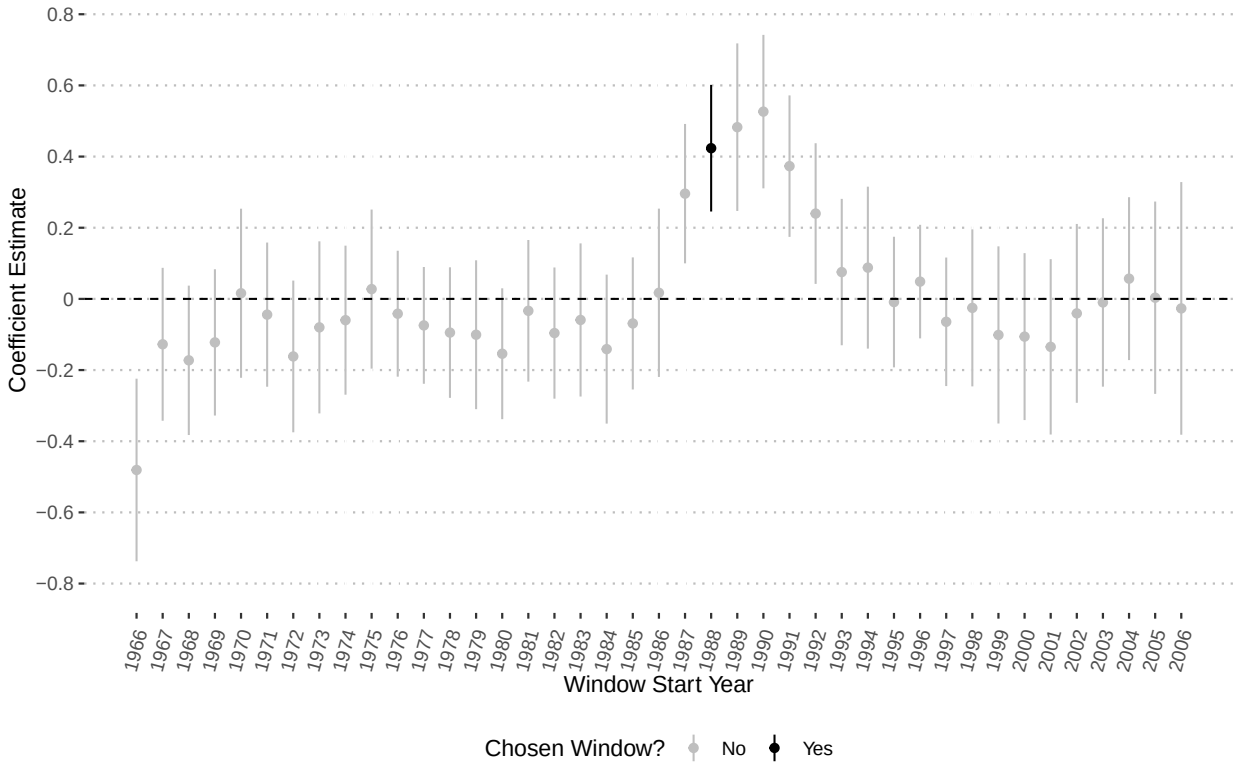



**Figure A6: Five-Year Window Placebo Test: CWE Coefficients with 95% Confidence Intervals from Conditional Fixed Effects Logit Model (Leader Fixed Effects)**

## A8.2 Three Year Placebo Test, Pooled Logit

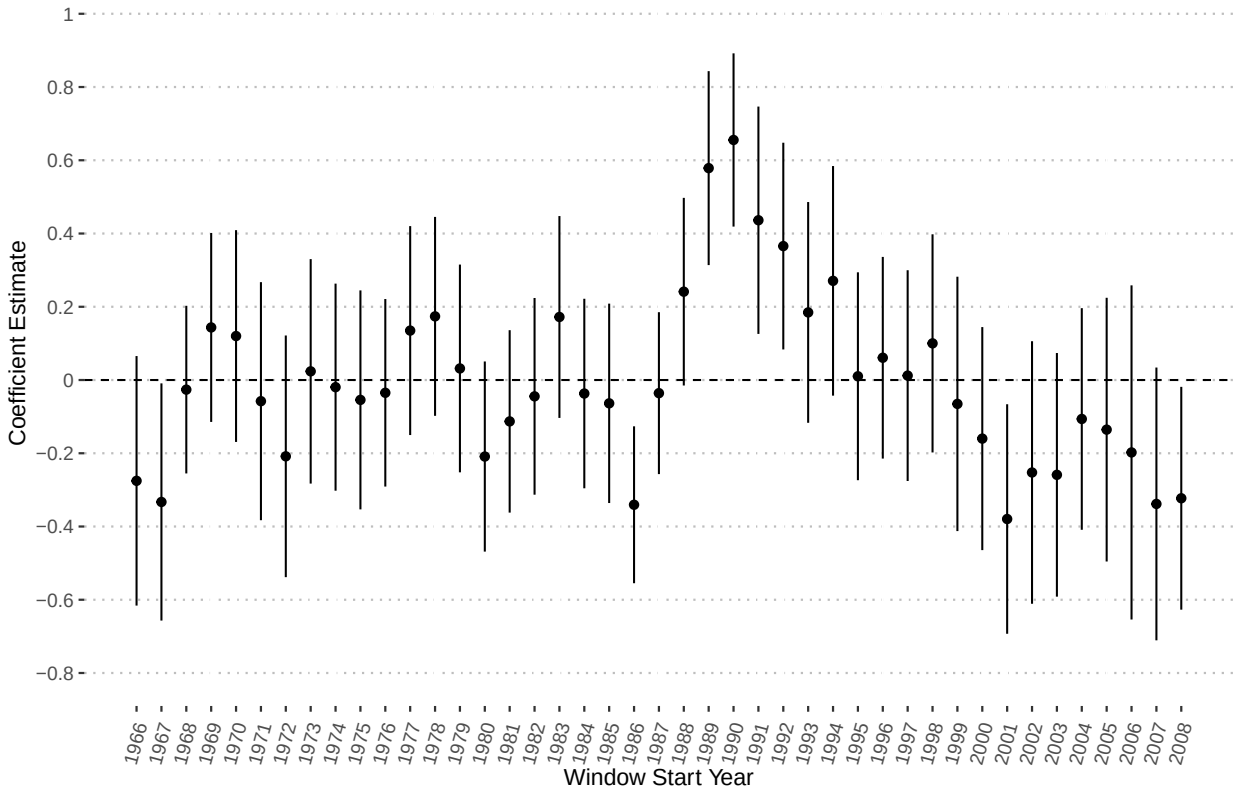



**Figure A7: Three-Year Window Placebo Test: CWE Coefficients with 95% Confidence Intervals**

## A8.3 Three Year Placebo Test, Conditional Logit (Leader Fixed Effects)

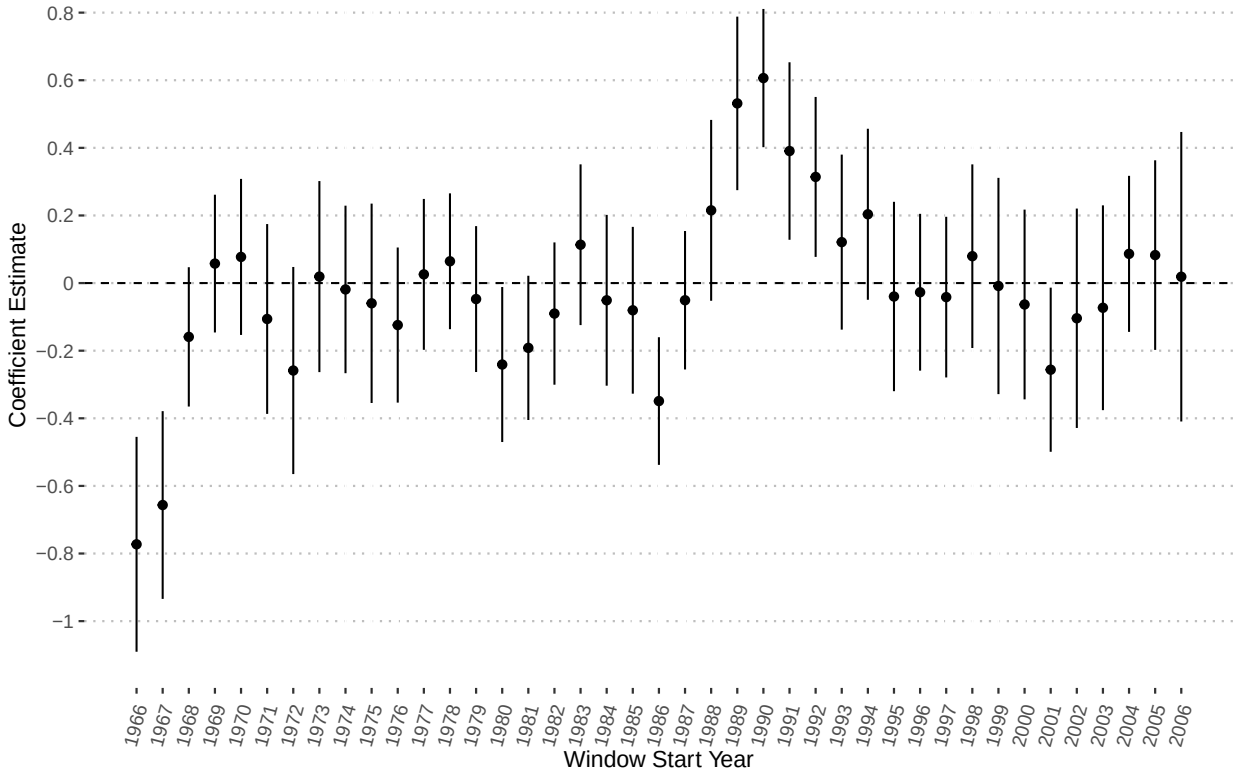



**Figure A8: Three-Year Window Placebo Test: CWE Coefficients with 95% Confidence Intervals from Conditional Fixed Effects Logit Model (Leader Fixed Effects)**

# A9 Logit Model of Senior Minister Exit Across Cold War, Cold War End, and Post-Cold War

**Table A64:** Pooled Logit Model of Senior Minister Exit Across Cold War, Cold War End, and Post-Cold War from Figure 9

| | *Dependent variable:* |
|---|---|
| | Minister Exit |
| CWE 5-year | $0.29^{**}$ |
| | (0.10) |
| Senior | $-0.30^{**}$ |
| | (0.10) |
| Post-Cold War | $-0.17$ |
| | (0.14) |
| ln(Oil/Gas Rents) | $0.02^{*}$ |
| | (0.01) |
| Personalism | $0.27^{***}$ |
| | (0.08) |
| Leader exit | $2.09^{***}$ |
| | (0.16) |
| Leader tenure | $-0.06$ |
| | (0.03) |
| Leader tenure$^2$ | 0.003 |
| | (0.002) |
| Leader tenure$^3$ | $-0.0001$ |
| | (0.0000) |
| Election | $0.52^{***}$ |
| | (0.12) |
| Failed coup | $0.72^{***}$ |
| | (0.20) |
| ln(GDP per capita) | $-0.38^{***}$ |
| | (0.08) |
| Cabinet size | $-0.004$ |
| | (0.01) |
| Left truncated | $-0.20$ |
| | (0.11) |
| CWE 5-year X Senior | $0.33^{*}$ |
| | (0.17) |
| Post-Cold War X Senior | 0.15 |
| | (0.14) |
| Constant | $1.61^{*}$ |
| | (0.63) |
| Observations | 32,646 |
| Log Likelihood | $-16{,}579.59$ |
| Akaike Inf. Crit. | 33,193.18 |
| *Note:* | $^{*}$p<0.05; $^{**}$p<0.01; $^{***}$p<0.001 |
| | Standard errors clustered by leader. |

# A10 Models Interacting CWE and Oil/Gas Rents

**Table A65:** Pooled Logit Model of Minister Survival Interacting 5-year CWE Window With Oil and Gas Rents, GWF SSA Sample

| | *Dependent variable:* |
|---|---|
| | Minister Exit |
| CWE 5-year | 0.32** |
| | (0.11) |
| ln(Oil/Gas Rents) | 0.003 |
| | (0.01) |
| CWE 5-year X Ln(Oil/Gas Rents) | 0.01 |
| | (0.01) |
| Constant | −1.17*** |
| | (0.07) |
| Observations | 33,483 |
| *Note:* | *p<0.05; **p<0.01; ***p<0.001 |
| | Standard errors clustered by leader. |

**Table A66:** Conditional Logit Model of Minister Survival Interacting 5-year CWE Window With Oil and Gas Rents, GWF SSA Sample

| | *Dependent variable:* |
|---|---|
| | Minister Exit |
| CWE 5-year | 0.29** |
| | (0.11) |
| ln(Oil/Gas Rents) | 0.01 |
| | (0.01) |
| CWE 5-year X Ln(Oil/Gas Rents) | 0.02* |
| | (0.01) |
| Leader Fixed Effects | Yes |
| Observations | 33,483 |
| *Note:* | *p<0.05; **p<0.01; ***p<0.001 |
| | Standard errors clustered by leader. |

# A11 Models of Included Ethnic Groups, Included Parties, and Cabinet Size

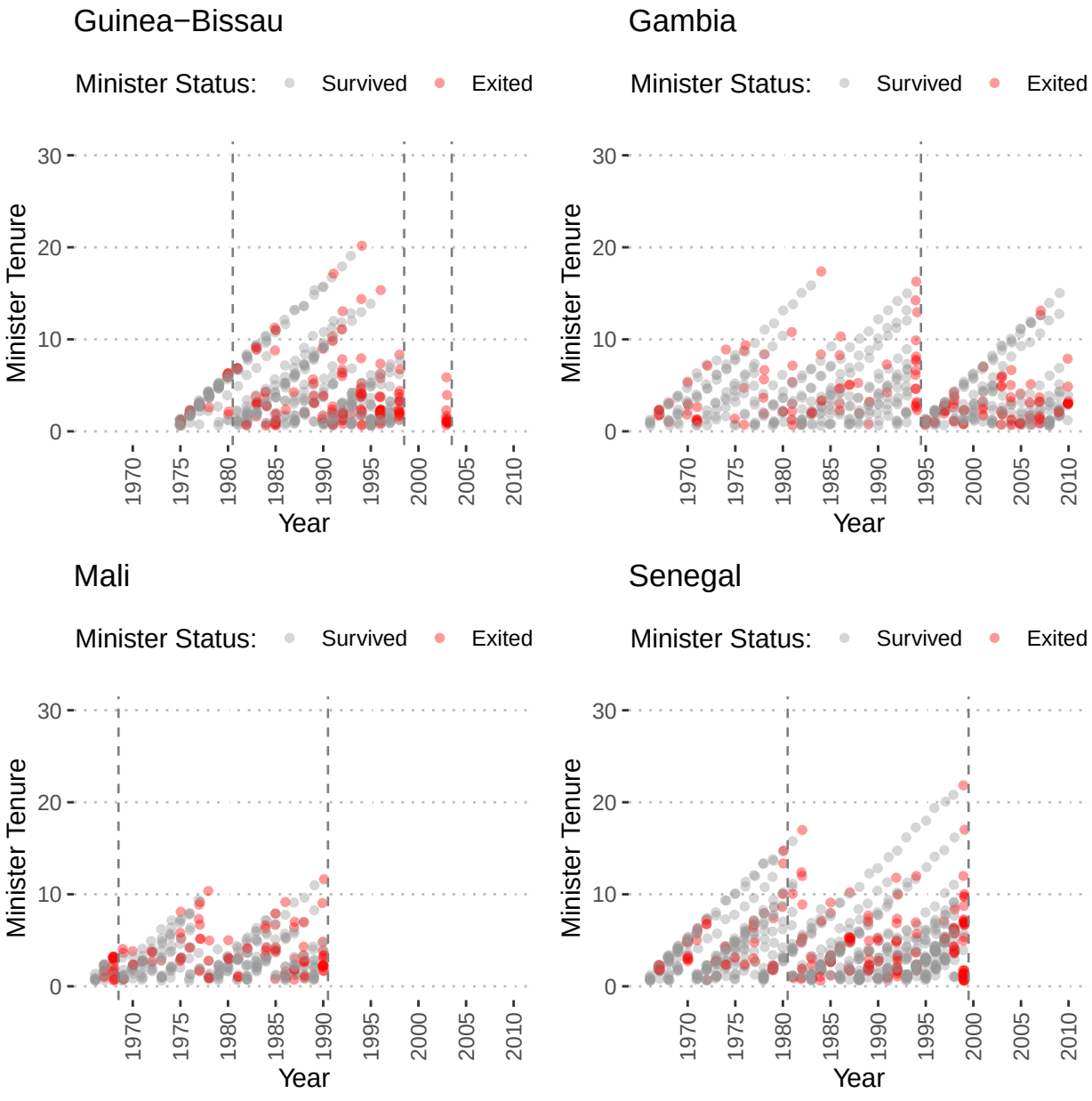
**Table A67:** Fixed Effects Models of Included Ethnic Groups, Included Parties, and Cabinet Size (GWF SSA Sample)

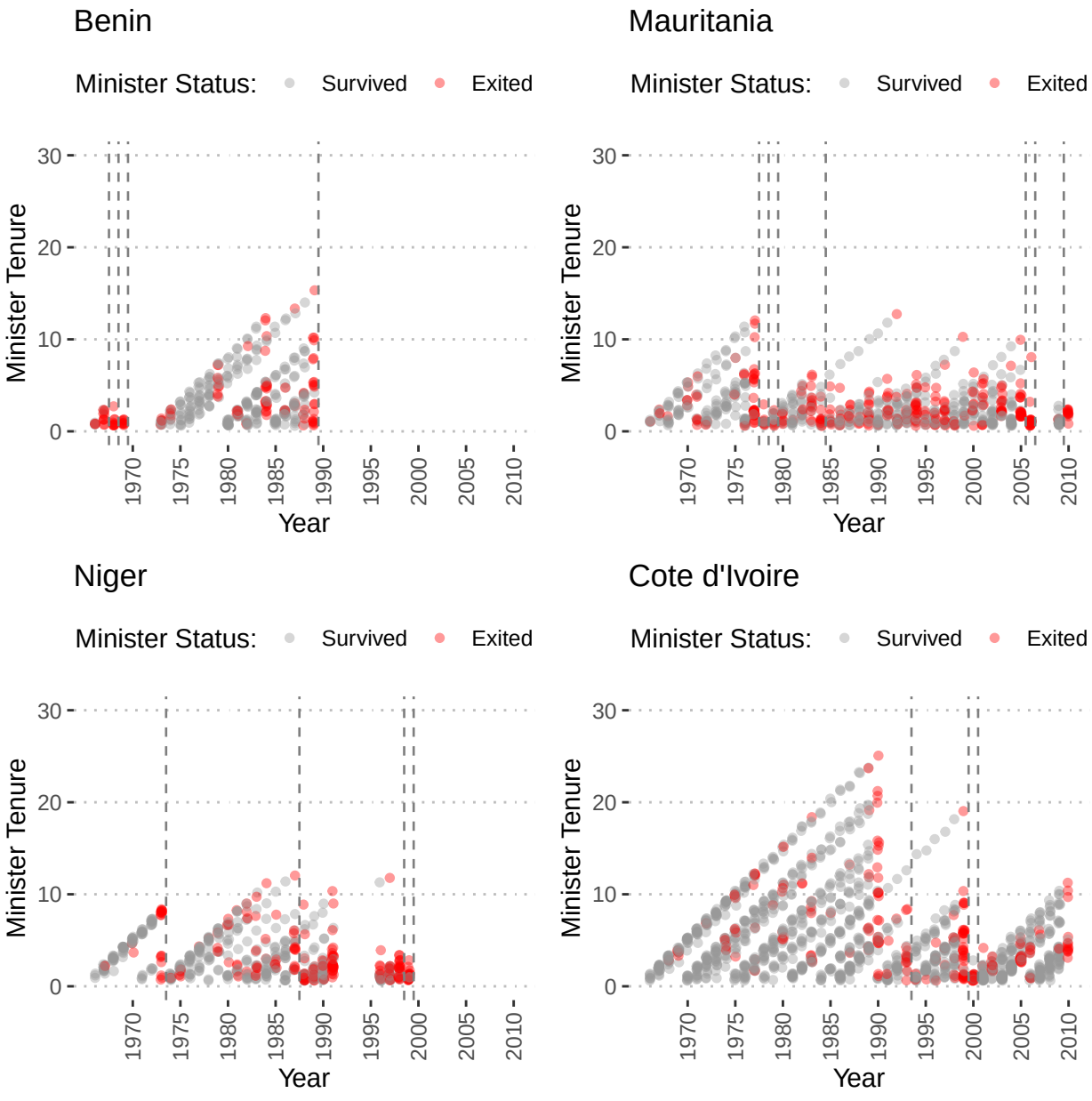
| | Dependent variable: | | |
|---|---|---|---|
| | # Included Ethnic Groups | # Included Parties | Cabinet Size |
| Postcold War (1993+) | 0.63* | 3.04* | 8.27* |
| | [0.07; 1.20] | [2.38; 3.69] | [6.32; 10.23] |
| Country FE? | Yes | Yes | Yes |
| $R^2$ | 0.71 | 0.54 | 0.54 |
| Num. obs. | 2368 | 2420 | 2420 |
| RMSE | 1.17 | 1.81 | 6.75 |
| N Clusters | 50 | 51 | 51 |

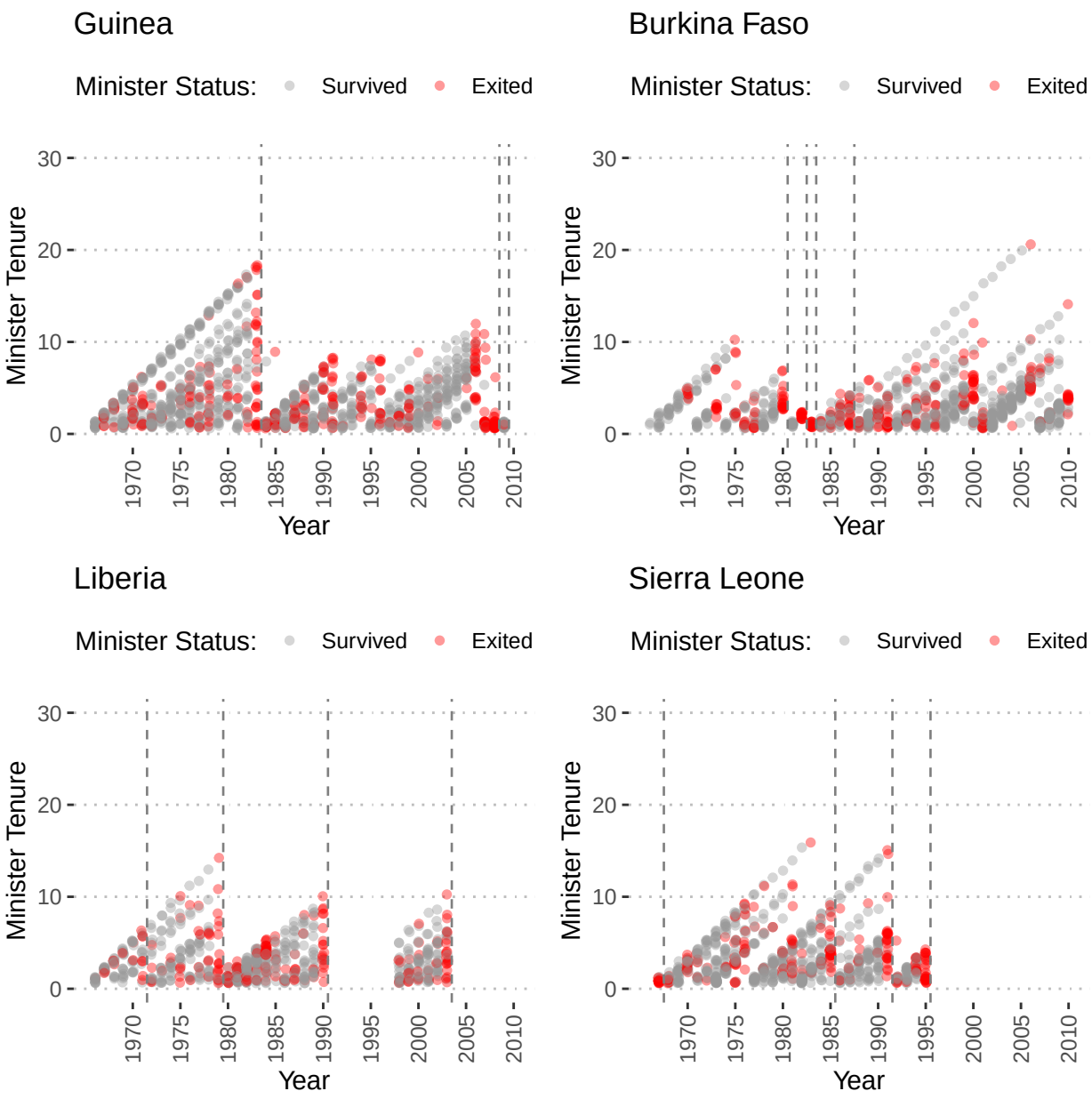
Standard errors clustered by country. $p < 0.05$*, $p < 0.01$**, $p < 0.001$***

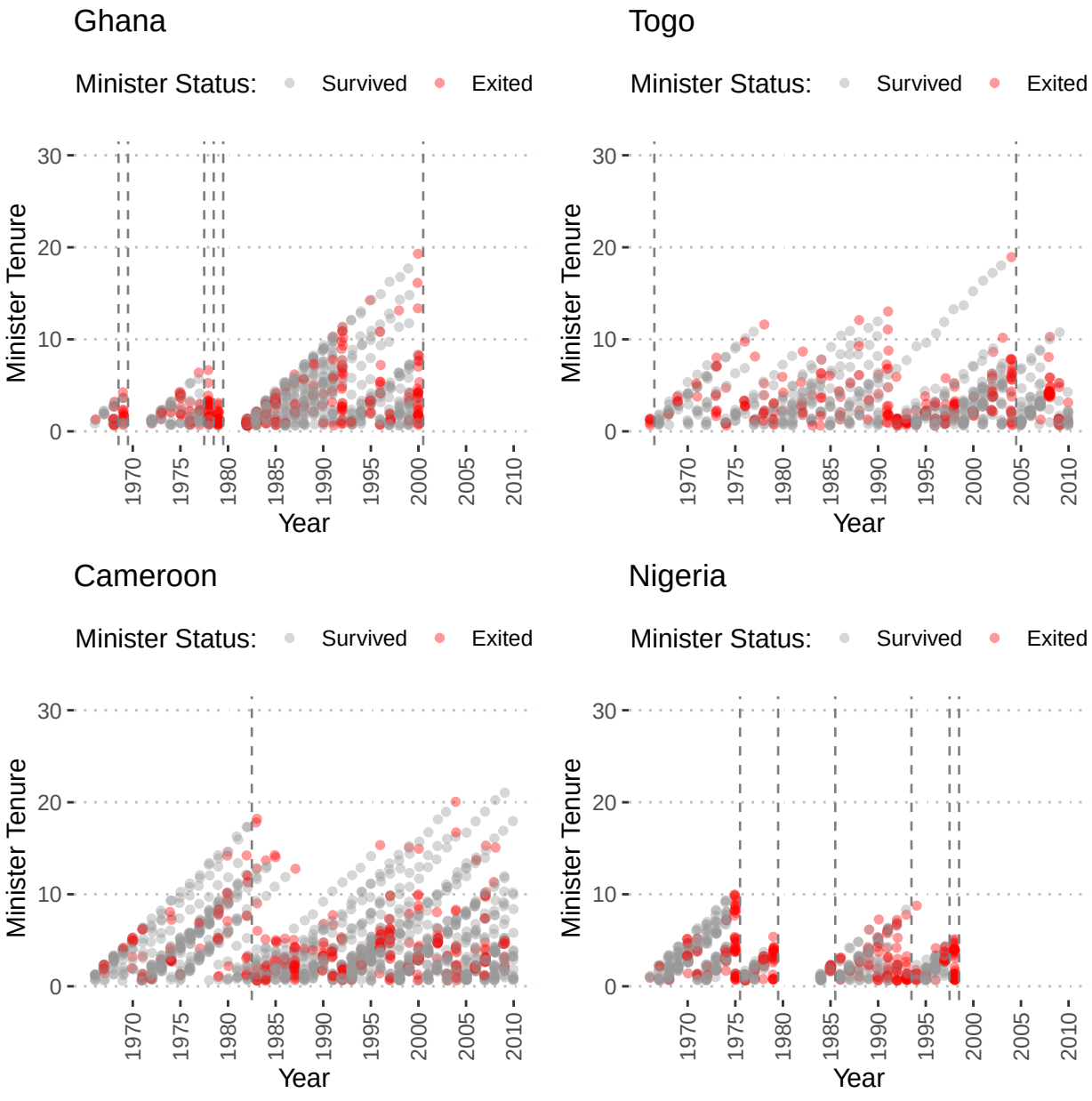
# A12 Cabinet Plots by Country

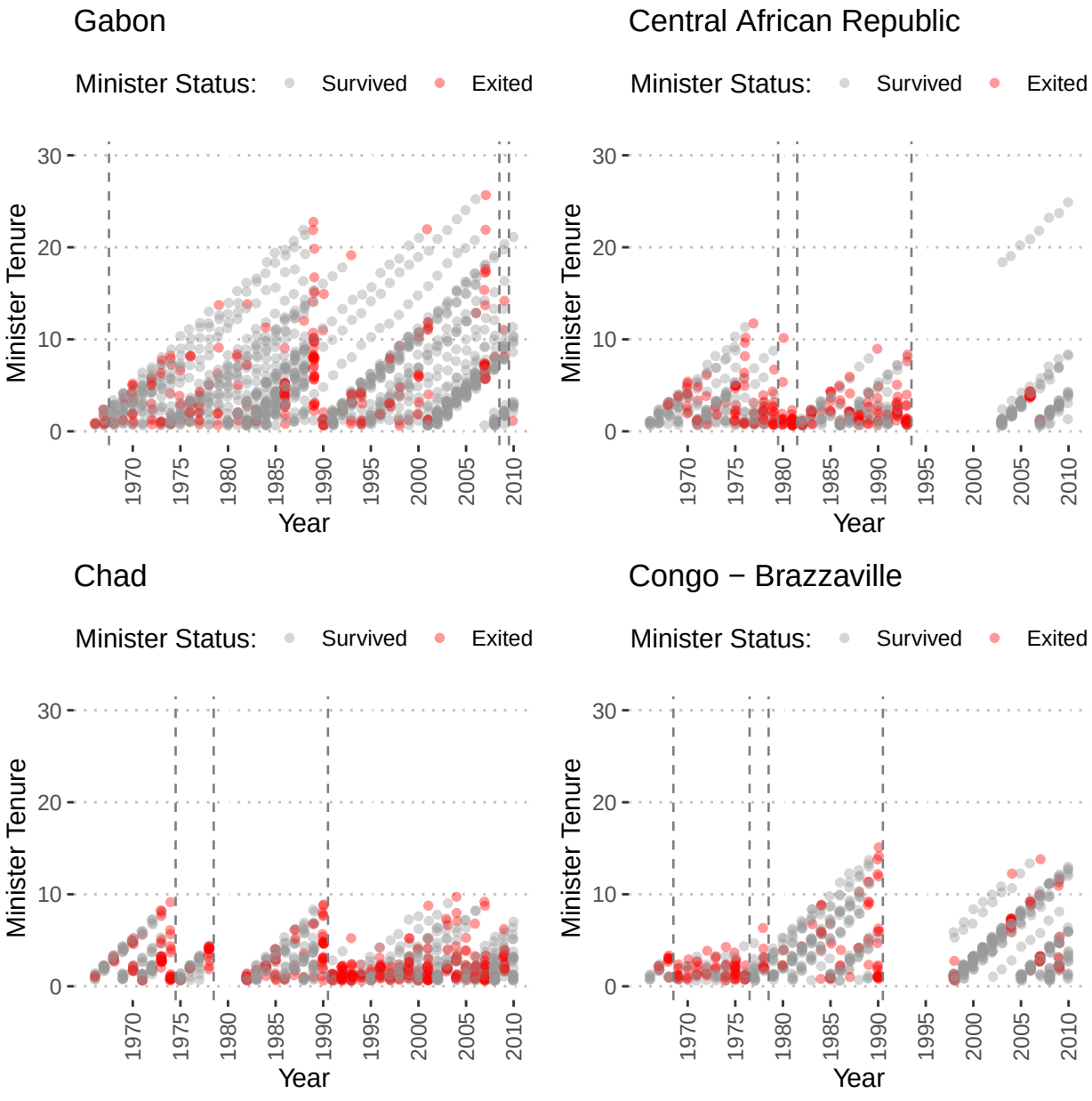
The plots below replicate Figure 1 of the main text for all countries and leaders in the GWF SSA dataset. These plots differ only by the inclusion of vertical dashed lines for leader exits.

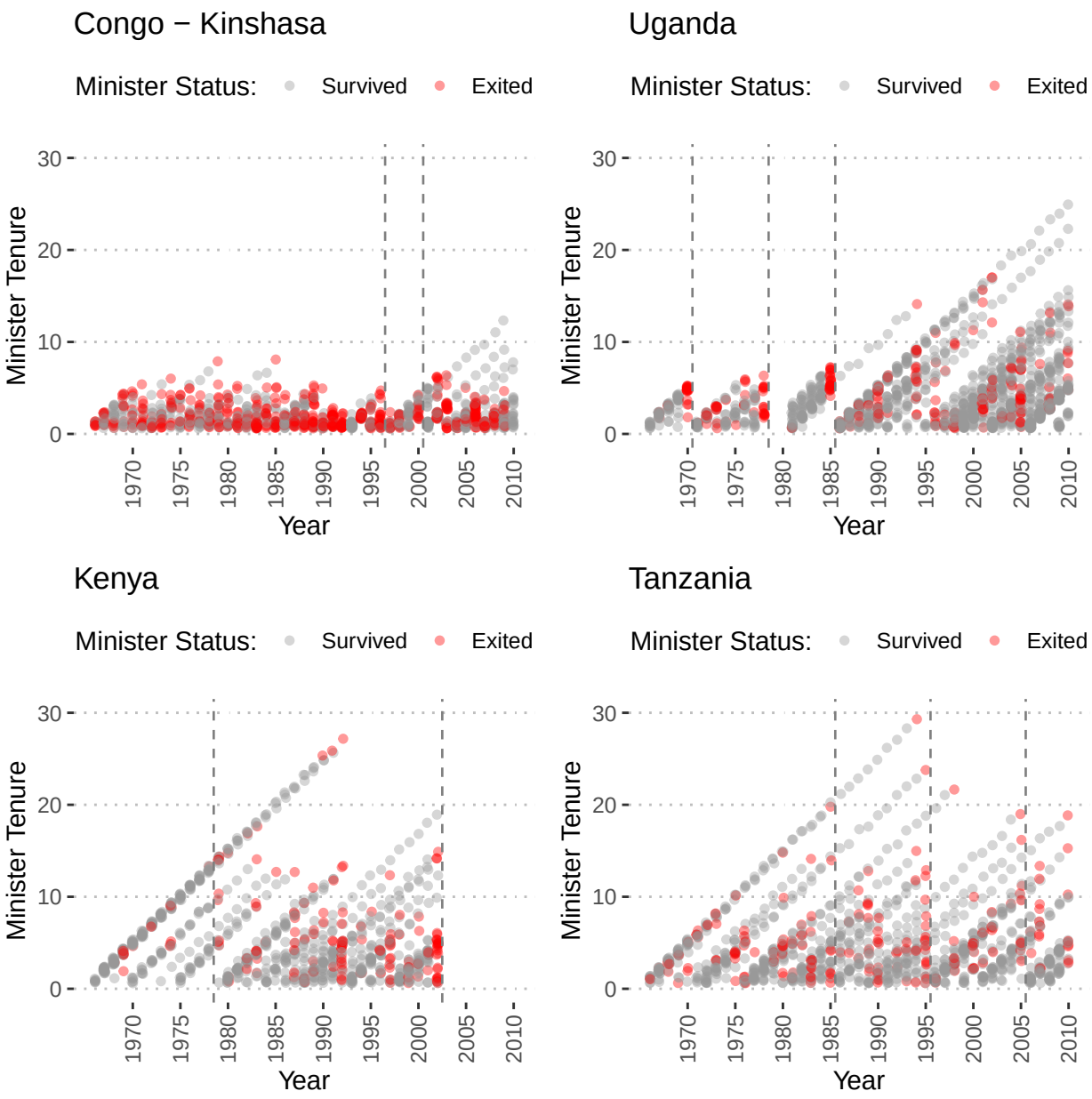

Guinea−Bissau
Minister Status: Survived Exited
Minister Tenure
Year
Gambia
Minister Status: Survived Exited
Minister Tenure
Year
Mali
Minister Status: Survived Exited
Minister Tenure
Year
Senegal
Minister Status: Survived Exited
Minister Tenure
Year

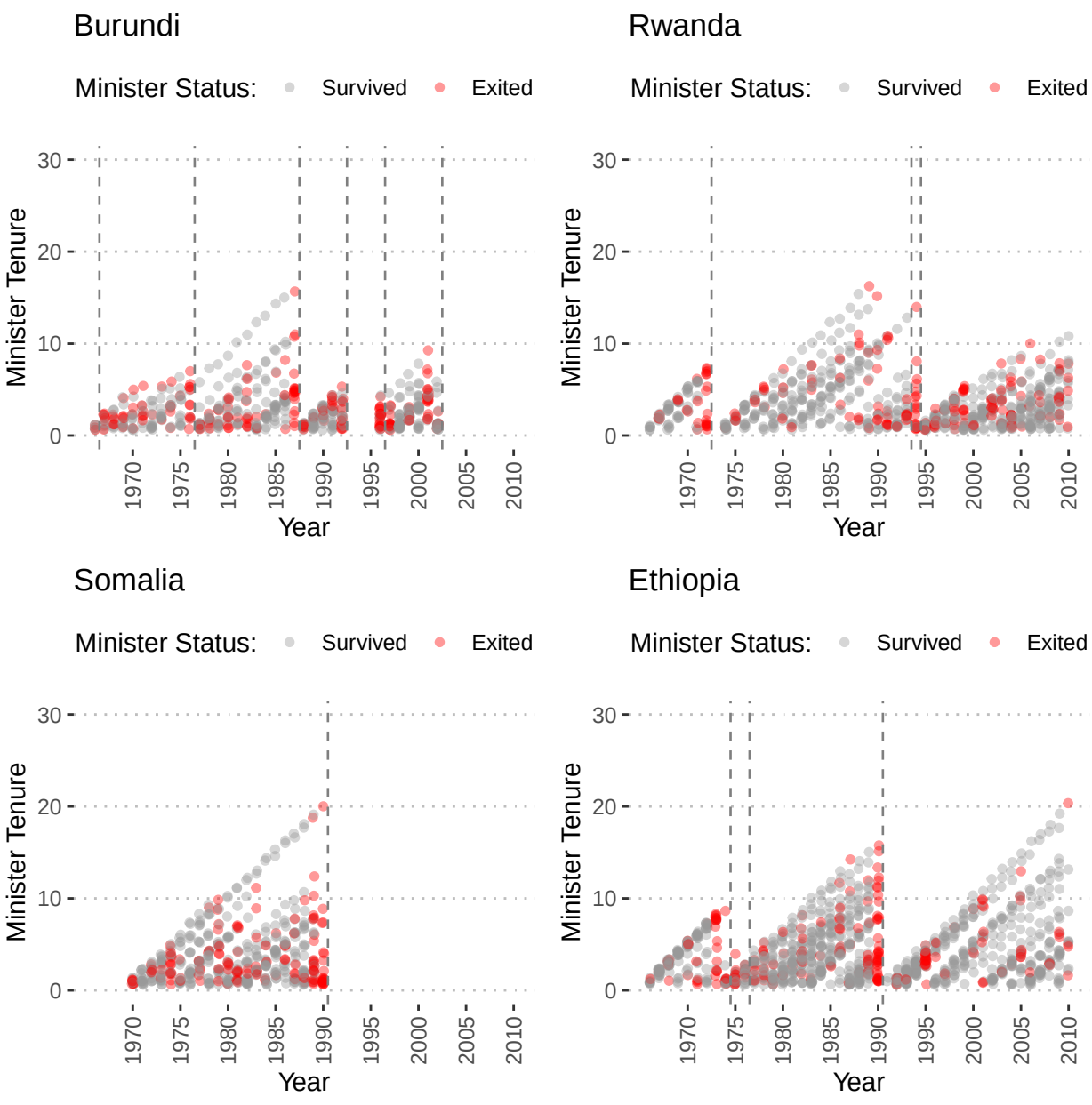

Benin
Minister Status:
Survived
Exited
Minister Tenure
Year
Mauritania
Minister Status:
Survived
Exited
Minister Tenure
Year
Niger
Minister Status:
Survived
Exited
Minister Tenure
Year
Cote d'Ivoire
Minister Status:
Survived
Exited
Minister Tenure
Year

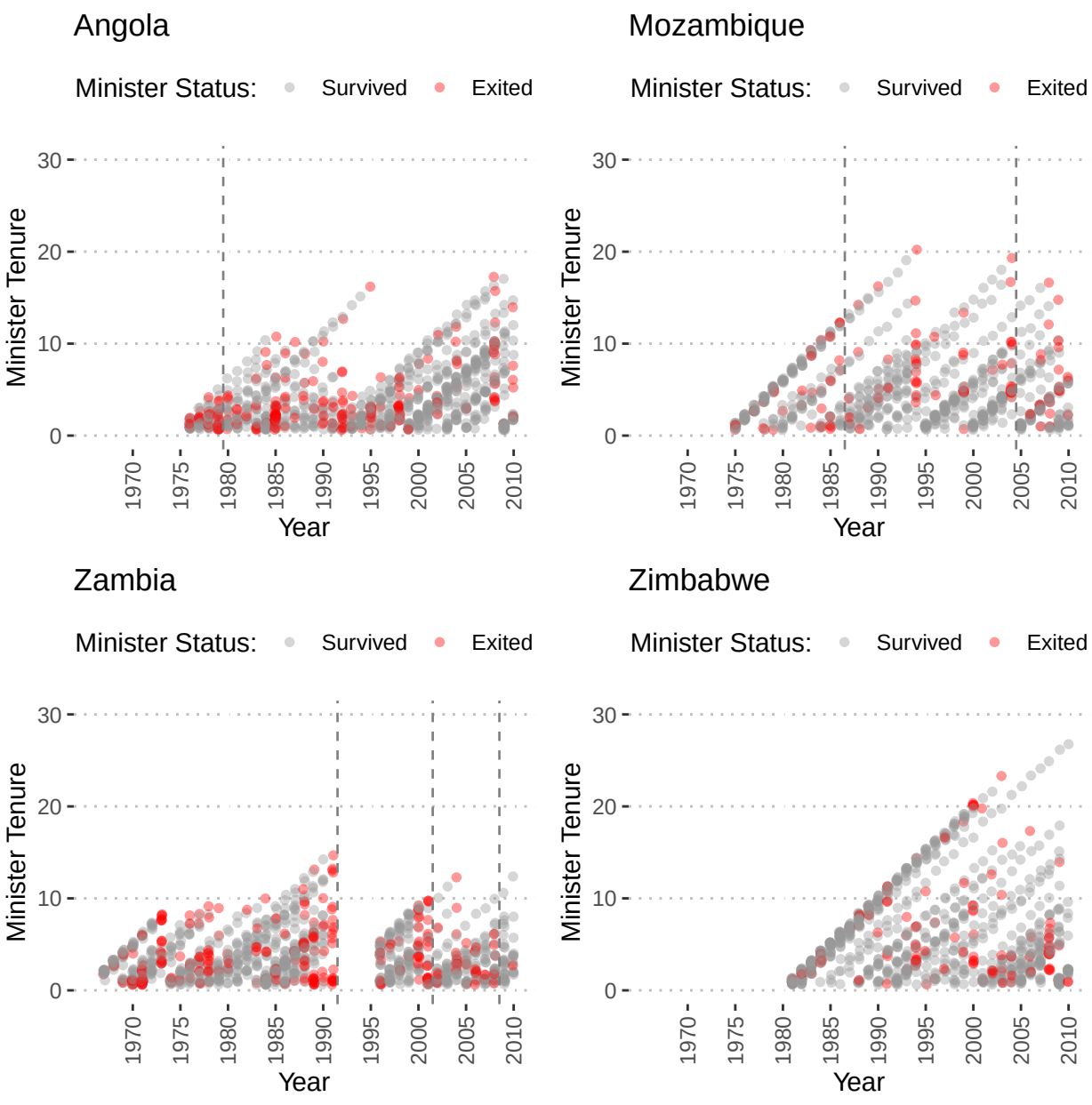

Guinea
Minister Status: Survived Exited
Minister Tenure
Year
Burkina Faso
Minister Status: Survived Exited
Minister Tenure
Year
Liberia
Minister Status: Survived Exited
Minister Tenure
Year
Sierra Leone
Minister Status: Survived Exited
Minister Tenure
Year

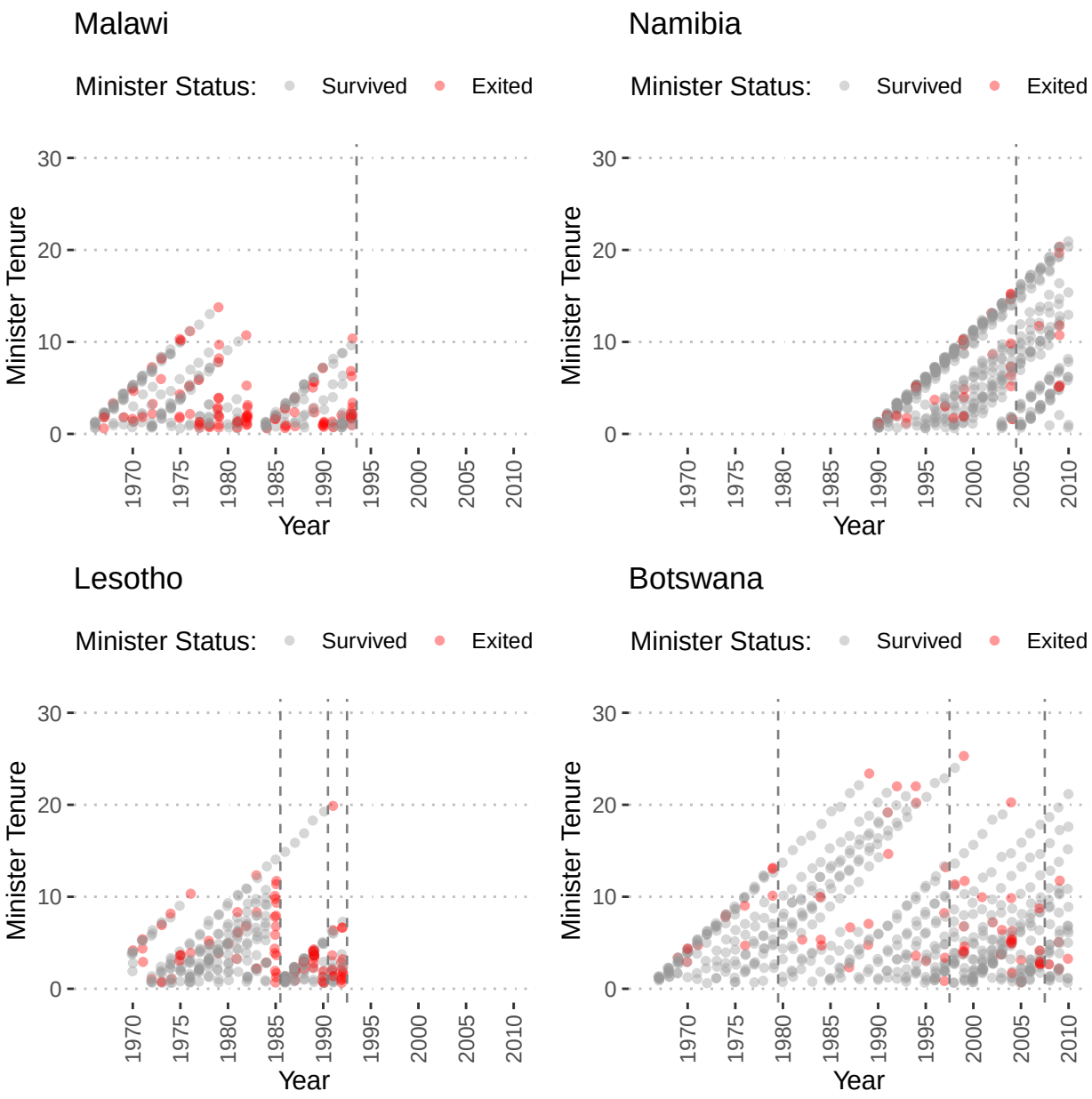

Ghana
Minister Status: Survived Exited
Minister Tenure
Year
Togo
Minister Status: Survived Exited
Minister Tenure
Year
Cameroon
Minister Status: Survived Exited
Minister Tenure
Year
Nigeria
Minister Status: Survived Exited
Minister Tenure
Year

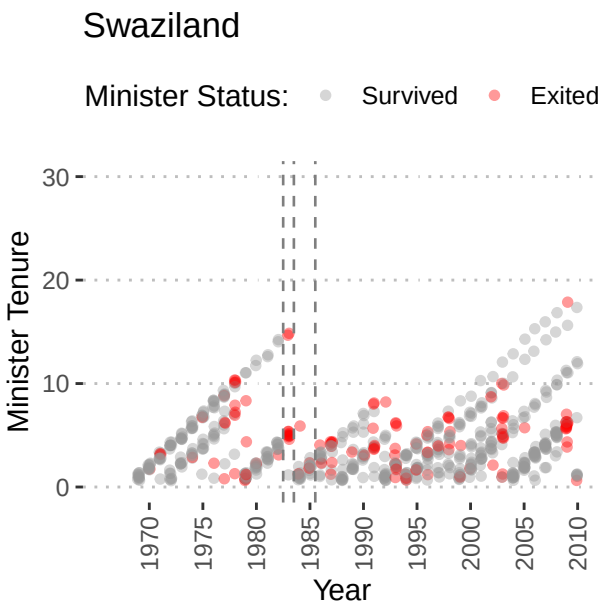

Gabon
Minister Status: Survived Exited
Minister Tenure
Year
Central African Republic
Minister Status: Survived Exited
Minister Tenure
Year
Chad
Minister Status: Survived Exited
Minister Tenure
Year
Congo − Brazzaville
Minister Status: Survived Exited
Minister Tenure
Year

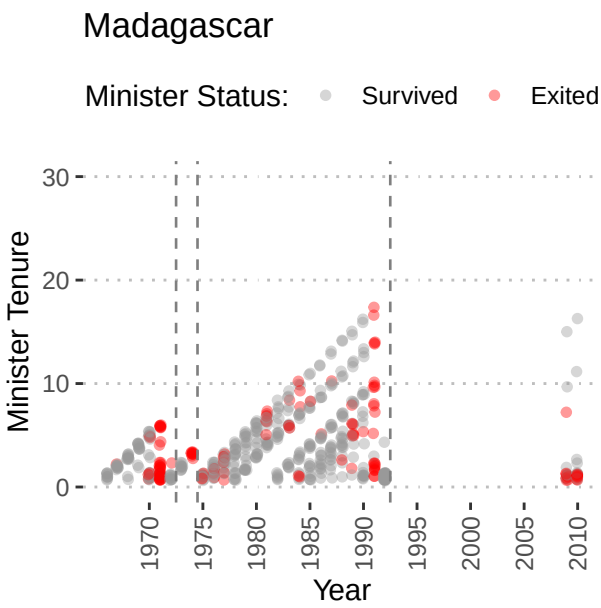

Congo − Kinshasa
Minister Status: Survived Exited
Minister Tenure
Year
Uganda
Minister Status: Survived Exited
Minister Tenure
Year
Kenya
Minister Status: Survived Exited
Minister Tenure
Year
Tanzania
Minister Status: Survived Exited
Minister Tenure
Year

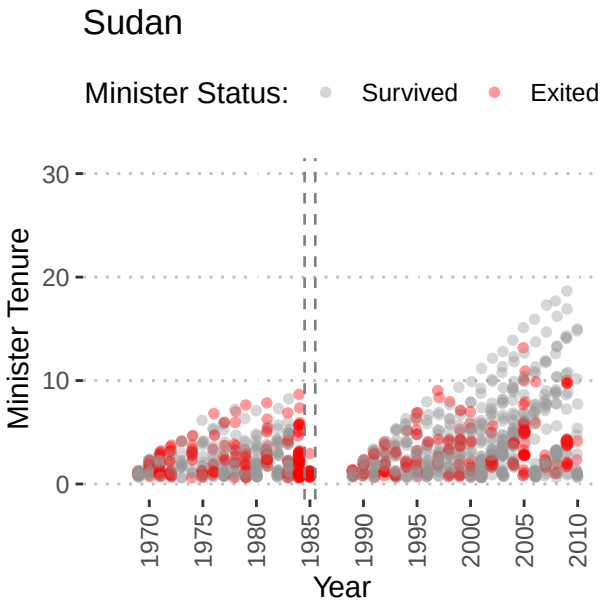

Burundi
Minister Status: Survived Exited
Minister Tenure
Year
Rwanda
Minister Status: Survived Exited
Minister Tenure
Year
Somalia
Minister Status: Survived Exited
Minister Tenure
Year
Ethiopia
Minister Status: Survived Exited
Minister Tenure
Year


Angola
Minister Status:
Survived
Exited
Minister Tenure
Year
Mozambique
Minister Status:
Survived
Exited
Minister Tenure
Year
Zambia
Minister Status:
Survived
Exited
Minister Tenure
Year
Zimbabwe
Minister Status:
Survived
Exited
Minister Tenure
Year


Malawi
Minister Status: Survived Exited
Minister Tenure
Year
Namibia
Minister Status: Survived Exited
Minister Tenure
Year
Lesotho
Minister Status: Survived Exited
Minister Tenure
Year
Botswana
Minister Status: Survived Exited
Minister Tenure
Year


Swaziland
Minister Status:
Survived
Exited
Minister Tenure
30
20
10
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
Year


Madagascar
Minister Status:
Survived
Exited
Minister Tenure
30
20
10
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
Year


Sudan
Minister Status:
Survived
Exited
Minister Tenure
30
20
10
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
Year