

**Table A-1: Data Sources**

Source Name	Code	Dataset Producer	Date	Variables	Available Years
International Financial Statistics	IFS	International Monetary Fund	2003	central government total expenditure and total revenue and grants; nominal GDP	1960-2003
Government Financial Statistics	GFS	International Monetary Fund	2003	central government total expenditure and total revenue and grants	1960-2003
World Development Indicators	WDI	The World Bank	2003	GDP per capita in constant 1995 US\$, GDP in constant 1995 US\$	1960-2003
POLITY IV	POLITY	University of Maryland	2003	Level of Democracy index	1800-2003
Database of Political Institutions	DPI	The World Bank	2000	political system, term limits, election results and the allocation of seats in parliament, election system.	1975-2000
Voter Turnout Since 1945 to Date	IDEA	Institute for Democracy and Electoral Assistance	Current	election years, election results	1945-2001
The Center on Democratic Performance	CDP	Binghamton University	Current	election years, election results, election dates	1974-2000
Electionguide.org	IFES	International Foundation for Electoral Systems	Current	election dates	1998-2005
World Political Leaders	ZPC	Zárate's Political Collections	Current	leaders' names and their party association	1945-2005
The World Factbook	CIA	Central Intelligence Agency	Current	election dates, frequency of elections in a country, political system	1960-2005

**Table A2: Sample Characteristics.**

No.	Country	Years Included in the Expanded Sample	Elections in the Narrow sample <sup>1</sup>	Additional Elections in the Expanded sample <sup>1</sup>	Developed Economy	Parliamentary System	Proportional System	Years as a New Democracy in the Sample
1	Argentina	1983-2003	3 (3)	1 (1)			X	1983-2003
2	Australia	1961-2002	13	1	X	X	X	
3	Austria	1960-1999	7	1	X	X	X	
4	Belgium	1960-1998	8	1	X	X	X	
5	Bolivia	1985-2003	0	4 (3)			X	1982-1997
6	Brazil	1985-1994	0	1 (1)			X	1985-1994
7	Bulgaria	1990-2003	1 (1)	0			X	1990-2003
8	Canada	1965-2001	7	2	X	X		
9	Chile	1960-1972, 1989-2000	0	3 (2)				1989-2000
10	Colombia	1971-2003	0	7			X	
11	Costa Rica	1972-2002	0	8			X	
12	Cyprus	1975-2003	5 (1)	0			X	1975-1983
13	Czech Republic	1993-2003	2 (2)	0		X	X	1993-2002
14	Denmark	1960-2000	11	0	X	X	X	
15	Dominican Republic	1978-2000	2 (2)	4 (2)			X	1978-1994
16	Ecuador	1979-2003	0	5 (4)			X	1979-1996
17	El Salvador	1984-2000	0	3 (3)			X	1984-2000
18	Estonia	1991-2001	0	1 (1)		X	X	1991-2001
19	Fiji	1970-1986, 1990-1999	4 (4)	0		X		1970-1986, 1990-1999
20	Finland	1960-1998	7	0	X	X	X	
21	France	1972-1997	5	0	X	X	X+	
22	Georgia	1998-2002	1 (1)	0			X	1998-2002
23	Germany	1971-1998	6	1	X	X	X	
24	Greece	1960-1966, 1975-1999	4 (2)	1	X	X*	X	1975-1989
25	Guatemala	1966-1973, 1986-2003	0	4 (4)			X	1966-1973, 1986-2003
26	Guyana	1966-1979, 1992-1997	2 (2)	1 (1)		X*	X	1966-1979, 1992-1997
27	Honduras	1982-2000	0	3 (3)			X	1982-1997
28	Hungary	1990-2003	2 (2)	1 (1)		X	X	1990-2003
29	Iceland	1972-2003	8	0	X	X	X	
30	India	1960-2001	5	3		X	X	1960-1967
31	Ireland	1960-2002	10	0	X	X	X	
32	Israel	1961-1972, 1974-1984, 1986-2001	6	3		X*	X	
33	Italy	1960-1998	6	0	X	X	X	
34	Jamaica	1975-1985, 2000-2002	2	0		X		
35	Japan	1970-1993	5	1	X	X	X	
36	Korea	1963-1971, 1988-1997	1 (1)	1 (1)		X*	X	1963-1971, 1988-1997
37	Lithuania	1993-2002	2 (2)	0			X	1993-2002
38	Luxembourg	1970-1974, 1976-1997	5	0	X	X	X	
39	Madagascar	1992-2001	2 (2)	0			X	1992-2001

**Table A2: Cont.**

No.	Country	Years Included in the Expanded Sample	Elections in the Narrow sample <sup>1</sup>	Additional Elections in the Expanded sample <sup>1</sup>	Developed Economy	Parliamentary System	Proportional System	Years as a New Democracy in the Sample
40	Malaysia	1960-1999	7 (3)	1		X		1960-1978
41	Mali	1992-2003	1 (1)	1 (1)				1992-2003
42	Mauritius	1981-2003	5	0		X		
43	Mexico	1988-2003	0	2 (2)			X	1988-2003
44	Moldova	1997-2001	1 (1)	0			X	1997-2001
45	Mongolia	1990-1992, 1994-2003	2 (2)	0				1990-2003
46	Nepal	1990-2001	1 (1)	0		X		1990-2001
47	Netherlands	1960-1998	7	0	X	X	X	
48	New Zealand	1960-1988, 1990-2001	10	2	X	X	X+	
49	Nicaragua	1990-2003	2 (2)	0			X	1990-2003
50	Norway	1960-2003	5	2	X	X	X	
51	Pakistan	1988-1998	2 (2)	1 (1)		X		1988-1998
52	Panama	1989-2000	0	2 (2)			X	1989-2000
53	Papua New Guinea	1975-2002	5 (3)	0		X		1975-1992
54	Paraguay	1989-2003	2 (2)	1 (1)			X	1989-2003
55	Peru	1980-1999	1 (1)	2 (2)			X	1980-1999
56	Philippines	1960-1971, 1987-2003	2	1 (1)				1987-2003
57	Poland	1991-2001	2 (2)	0			X	1989-2001
58	Portugal	1976-1998	5 (3)	0	X	X*	X	1976-1987
59	Romania	1990-2001	1 (1)	0		X	X	1990-2001
60	Russia	1995-2001	0	1 (1)			X	1992-2001
61	Slovak Republic	1994-2003	2 (2)	0		X	X	1994-2003
62	Slovenia	1993-2003	0	1 (1)		X	X	1993-2003
63	Solomon Islands	1978-1990, 1993-1999	2 (1)	0		X		1978-1990
64	South Africa	1994-2003	1	0			X	
65	Spain	1978-2003	5 (2)	0	X	X	X	1978-1989
66	Sri Lanka	1960-2001	5 (1)	1		X*	X+	1960-1965
67	Sweden	1961-2000	10	1	X	X	X	
68	Thailand	1978-1990, 1992-2003	4 (2)	0		X		1978-1990
69	Trinidad & Tobago	1962-1972, 1976-1989, 1993-1995	3	1		X		
70	Turkey	1976-1979, 1983-2001	5 (4)	0	X	X	X	1976-1979, 1983-1995
71	United Kingdom	1960-1999	8	0	X	X		
72	United States	1960-2003	7	3	X			
73	Uruguay	1985-2001	0	2 (2)			X	1985-2001
74	Venezuela	1960-2001	0	6 (3)			X	1960-1978

<sup>1</sup> The number in the parentheses indicates the number of elections that took place in a country during the years it is defined as a "new democracy".

\* Some of the Elections are in a Presidential System

+ Some of the Elections are in a Majoritarian System

**Table A3: Detailed Sample and Data Characteristics.**

No.	Country	Election Years in the Narrow Sample	Additional Election Years in the Expanded Sample	Cases in Which the Leader was Reelected in the Narrow Sample <sup>1</sup>	Additional Cases in Which the Leader was Reelected in the Expanded Sample <sup>1</sup>	Budget Balance <sup>2</sup>	BALCH_ey <sup>3</sup>
1	Argentina	1995, 1999, 2003	1989	1 / 3	0 / 1	-2.4	0.1
2	Australia	1964, 1970, 1973, 1976, 1978, 1981, 1983, 1985, 1988, 1990, 1996, 1999, 2002	1967	9 / 13	0 / 1	-0.8	0.0
3	Austria	1966, 1970, 1979, 1983, 1990, 1994, 1999	1986	4 / 7	0 / 1	-4.3	0.2
4	Belgium	1965, 1968, 1971, 1977, 1985, 1987, 1991, 1995	1981	6 / 8	0 / 1	-5.3	-0.2
5	Bolivia	..	1989, 1993, 1997, 2002	..	0 / 4	-3.5	-1.9
6	Brazil	..	1994	..	0 / 1	-3.3	4.2
7	Bulgaria	2001	..	0 / 1	0 / 0	-3.8	0.6
8	Canada	1968, 1972, 1974, 1979, 1988, 1997, 2000	1984, 1993	6 / 7	0 / 2	-1.8	0.2
9	Chile	..	1970, 1993, 1999	..	1 / 3	-1.1	-1.8
10	Colombia	..	1974, 1978, 1982, 1986, 1990, 1994, 1998	..	3 / 7	-3.7	0.4
11	Costa Rica	..	1974, 1978, 1982, 1986, 1990, 1994, 1998, 2002	..	3 / 8	3.6	-0.4
12	Cyprus	1983, 1988, 1993, 1998, 2003	..	2 / 5	0 / 0	-4.3	-0.7
13	Czech Republic	1996, 2002	..	1 / 2	0 / 0	-1.4	-0.2
14	Denmark	1964, 1966, 1968, 1971, 1975, 1977, 1979, 1984, 1987, 1990, 1998	..	8 / 11	0 / 0	0.7	-0.2
15	Dominican Republic	1990, 1994	1982, 1986, 1996, 2000	2 / 2	1 / 4	-0.3	0.2
16	Ecuador	..	1984, 1988, 1992, 1996, 2002	..	0 / 5	-0.4	1.1
17	El Salvador	..	1989, 1994, 1999	..	2 / 3	-1.4	-0.2
18	Estonia	..	1995	..	0 / 1	0.8	-2.5
19	Fiji	1977, 1982, 1994, 1999	..	3 / 4	0 / 0	-3.8	-1.8
20	Finland	1966, 1970, 1975, 1979, 1987, 1991, 1995	..	0 / 7	0 / 0	-0.6	-1.3
21	France	1978, 1981, 1986, 1988, 1997	..	1 / 5	0 / 0	-1.8	-0.3
22	Georgia	2000	..	1 / 1	0 / 0	-1.3	0.6
23	Germany	1976, 1980, 1987, 1990, 1994, 1998	1983	4 / 6	0 / 1	-1.1	0.1
24	Greece	1963, 1985, 1989, 1993	1996	1 / 4	0 / 1	-5.8	-1.8
25	Guatemala	..	1970, 1995, 1999, 2003	..	0 / 4	-1.2	-0.2
26	Guyana	1968, 1973	1997	2 / 2	0 / 1	-8.2	-4.2
27	Honduras	..	1989, 1993, 1997	..	1 / 3	-4.5	-1.1
28	Hungary	1998, 2002	1994	0 / 2	0 / 1	-5.0	-2.0
29	Iceland	1974, 1978, 1983, 1987, 1991, 1995, 1999, 2003	..	3 / 8	0 / 0	-1.1	-0.4
30	India	1970, 1976, 1989, 1996, 1999	1967, 1979, 1984	2 / 5	2 / 3	-1.8	-0.2
31	Ireland	1965, 1969, 1973, 1977, 1981, 1987, 1989, 1992, 1997, 2002	..	4 / 10	0 / 0	-5.8	-0.3
32	Israel	1965, 1977, 1981, 1992, 1999, 2001	1969, 1984, 1996	2 / 6	1 / 3	-6.0	-0.2
33	Italy	1963, 1967, 1972, 1979, 1987, 1992	..	1 / 6	0 / 0	-6.0	0.5
34	Jamaica	1980, 1983	..	1 / 2	0 / 0	-6.6	-4.5
35	Japan	1972, 1976, 1986, 1989, 1993	1979	1 / 5	0 / 1	-3.4	-0.7
36	Korea	1967	1997	1 / 1	0 / 1	1.2	0.1
37	Lithuania	1997, 2002	..	0 / 2	0 / 0	-1.9	0.5
38	Luxembourg	1974, 1979, 1984, 1989, 1994	..	1 / 5	0 / 0	2.7	0.8
39	Madagascar	1996, 2001	..	0 / 2	0 / 0	-4.4	-0.2

Table A3: Cont.

No.	Country	Election Years in the Narrow Sample	Additional Election Years in the Expanded Sample	Cases in Which the Leader was Reelected in the Narrow Sample <sup>1</sup>	Additional Cases in Which the Leader was Reelected in the Expanded Sample <sup>1</sup>	Budget Balance <sup>2</sup>	BALCH_ey <sup>3</sup>
40	Malaysia	1969, 1974, 1978, 1986, 1990, 1995, 1999	1982	7 / 7	0 / 1	-4.5	-0.8
41	Mali	1997	2002	1 / 1	0 / 1	-3.4	0.3
42	Mauritius	1984, 1988, 1992, 1996, 2001	..	3 / 5	0 / 0	-2.1	-0.9
43	Mexico	..	1994, 2000	..	1 / 2	-1.6	-0.1
44	Moldova	2001	..	0 / 1	0 / 0	-1.8	1.5
45	Mongolia	1997, 2001	..	1 / 2	0 / 0	-1.8	0.1
46	Nepal	1995	..	0 / 1	0 / 0	-5.7	0.0
47	Netherlands	1971, 1977, 1981, 1986, 1989, 1994, 1998	..	4 / 7	0 / 0	-2.0	0.2
48	New zealand	1963, 1966, 1969, 1978, 1981, 1984, 1987, 1994, 1997, 2000	1972, 1975	8 / 10	0 / 2	-1.3	-0.4
49	Nicaragua	1996, 2001	..	0 / 2	0 / 0	-2.6	-1.8
50	Norway	1965, 1969, 1985, 1989, 1993	1981, 1997	3 / 5	0 / 2	2.9	0.6
51	Pakistan	1991, 1997	1994	2 / 2	0 / 1	-5.9	-0.8
52	Panama	..	1994, 1999	..	0 / 2	0.5	0.1
53	Papua new Guinie	1982, 1987, 1992, 1997, 2002	..	1 / 5	0 / 0	-1.9	-0.5
54	Paraguay	1993, 2003	1998	0 / 2	1 / 1	-0.1	0.8
55	Peru	1995	1985, 1990	1 / 1	0 / 2	-3.3	-0.2
56	Philippines	1965, 1969	1998	1 / 2	0 / 1	-1.3	-1.8
57	Poland	1995, 2000	..	1 / 2	0 / 0	-3.5	-0.2
58	Portugal	1980, 1985, 1987, 1991, 1995	..	3 / 5	0 / 0	-6.1	-0.7
59	Romania	1996	..	0 / 1	0 / 0	-2.3	-1.3
60	Russia	..	2000	..	0 / 1	-2.3	2.7
61	Slovak Republic	1998, 2002	..	1 / 2	0 / 0	-2.2	-1.5
62	Slovenia	..	2000	..	1 / 1	-1.0	-0.6
63	Solomon Islands	1989, 1997	..	0 / 2	0 / 0	-4.0	-3.0
64	South Africa	1999	..	0 / 1	0 / 0	-3.1	0.4
65	Spain	1986, 1989, 1993, 1996, 2000	..	4 / 5	0 / 0	-3.6	0.6
66	Sri Lanka	1965, 1970, 1977, 1988, 1999	1994	1 / 5	0 / 1	-7.4	0.4
67	Sweden	1965, 1969, 1974, 1977, 1983, 1986, 1989, 1992, 1994, 1998	1980	6 / 10	0 / 1	0.0	0.0
68	Thailand	1983, 1986, 1995, 2000	..	2 / 4	0 / 0	-0.8	1.0
69	Trinidad & Tobago	1971, 1986, 1995	1981	1 / 3	1 / 1	-0.6	-1.4
70	Turkey	1977, 1987, 1991, 1995, 1999	..	2 / 5	0 / 0	-5.8	-2.1
71	United Kindom	1966, 1970, 1974, 1979, 1983, 1987, 1992, 1997	..	4 / 8	0 / 0	-1.0	0.0
72	United States	1968, 1972, 1976, 1980, 1984, 1992, 1996	1964, 1988, 2000	3 / 7	2 / 3	-2.0	0.2
73	Uruguay	..	1994, 1999	..	1 / 2	-1.4	-2.5
74	Venezuela	..	1968, 1973, 1978, 1983, 1993, 1998	..	0 / 6	1.5	-0.9

\* Some of the Elections are in a Presidential System

+ Some of the Elections are in a Majoritarian System

<sup>1</sup> The figure on the left hand side is the number of elections where the leader was reelected. The figure on the right hand side is the total number of elections.

<sup>2</sup> Average for all the years included in the sample.

<sup>3</sup> BALCH\_ey -The average change in the government deficit ratio to GDP in the election year, compared to the previous year.

**Table A-4: Descriptive Statistics Narrow Sample**

	All Countries			Developed Countries			Less Developed Countries		
	All	Reelect=1	Reelect=0	All	Reelect=1	Reelect=0	All	Reelect=1	Reelect=0
Observations	255	126	129	164	86	78	91	40	51
of which Established	194	95	99	153	79	74	41	16	25
<b>BALCH_term</b> <sup>1</sup> mean	0.161	0.370	-0.043	0.021	0.269	-0.252	0.413	0.588	0.275
standard deviation	2.102	2.134	2.058	2.140	2.206	2.044	2.020	1.982	2.059
<b>BALCH_ey</b> <sup>1</sup> mean	-0.383	-0.127	-0.634	-0.144	0.230	-0.557	-0.815	-0.894	-0.753
standard deviation	1.877	1.826	1.898	1.700	1.439	1.872	2.101	2.301	1.950
<b>GDPPC_gr</b> <sup>1</sup> mean	2.458	2.810	2.113	2.565	2.668	2.451	2.265	3.117	1.596
standard deviation	2.033	1.713	2.257	1.817	1.620	2.018	2.372	1.884	2.514
<b>GDPPC_gr_ey</b> <sup>2</sup> mean	2.622	2.803	2.445	2.782	3.042	2.496	2.333	2.291	2.367
standard deviation	2.955	2.570	3.289	2.504	2.003	2.947	3.628	3.468	3.782
<b>INFCH_ey</b> <sup>3</sup> mean	-0.808	-0.728	-0.888	-0.008	-0.456	0.487	-2.252	-1.311	-2.990
standard deviation	5.172	3.593	6.361	4.513	2.527	5.965	5.944	5.190	6.428
<b>Average_INF</b> <sup>4</sup> mean	10.780	8.932	12.585	8.564	6.907	10.392	14.773	13.287	15.939
standard deviation	15.544	14.864	16.033	12.300	11.340	13.109	19.567	19.984	19.352

<sup>1</sup> **BALCH\_term** - The change in the ratio of the government surplus to GDP in the two years preceding the election year, relative to the two previous years.

**BALCH\_ey** - The change in the government surplus ratio to GDP in the election year, compared to the previous year. **GDPPC\_gr** - The average growth rate of real per-capita GDP during the leader's current term.

<sup>2</sup> **GDPPC\_gr\_ey** - Per-capita GDP growth in the last year of the leader's term.

<sup>3</sup> **INFCH\_ey** - The increase in the inflation rate from the year preceding the election year to the election year.

<sup>4</sup> **Average\_INF** - The average rate of inflation during the leader's current term.

Table A-5: Fisher Unit Root Test <sup>1</sup>

Variable		Narrow Sample	Expanded Sample
<b>BALCH_term</b>	chi <sup>2</sup>	140.88	88.06
	p-value	[0.000]	[0.034]
<b>BALCH_ey</b>	chi <sup>2</sup>	79.57	157.92
	p-value	[0.091]	[0.000]
<b>GDPPC_gr</b>	chi <sup>2</sup>	92.05	119.89
	p-value	[0.012]	[0.004]
<b>INFCH_ey</b>	chi <sup>2</sup>	109.06	236.57
	p-value	[0.000]	[0.000]
<b>Average_INF</b>	chi <sup>2</sup>	113.42	159.31
	p-value	[0.000]	[0.000]

Table A-6: Correlations

Narrow Sample							
		BALCH_term	BALCH_ey	INFCH_ey	Average_INF	GDPPC_gr_ey	GDPPC_gr
BALCH_term	correlation	1.000					
	p-value						
BALCH_ey	correlation	-0.193	1.000				
	p-value	(0.002)					
INFCH_ey	correlation	0.054	0.002	1.000			
	p-value	(0.387)	(0.977)				
Average_INF	correlation	0.033	-0.191	-0.136	1.000		
	p-value	(0.602)	(0.002)	(0.030)			
GDPPC_gr_ey	correlation	-0.139	0.329***	-0.032	-0.099	1.000	
	p-value	(0.026)	(0.000)	(0.616)	(0.115)		
GDPPC_gr	correlation	-0.017	0.226***	0.251***	-0.163	0.615***	1.000
	p-value	(0.794)	(0.000)	(0.000)	(0.009)	(0.000)	
Expanded Sample							
		BALCH_term	BALCH_ey	INFCH_ey	Average_INF	GDPPC_gr_ey	GDPPC_gr
BALCH_term	correlation	1.000					
	p-value						
BALCH_ey	correlation	-0.169	1.000				
	p-value	(0.002)					
INFCH_ey	correlation	-0.103	0.106**	1.000			
	p-value	(0.794)	(0.000)				
Average_INF	correlation	0.021	-0.087	0.245***	1.000		
	p-value	(0.699)	(0.105)	(0.000)			
GDPPC_gr_ey	correlation	-0.067	0.287***	-0.251	-0.165	1.000	
	p-value	(0.211)	(0.000)	(0.000)	(0.002)		
GDPPC_gr	correlation	-0.048	0.178***	-0.064	-0.266	0.641***	1.000
	p-value	(0.374)	(0.001)	(0.237)	(0.000)	(0.000)	



**Table A-7: The Effects of Budget Balances and Growth on the Probability of Reelection in Developed and Less Developed Economies<sup>1</sup>**

Dependent variable: REELECT	Narrow Sample				Expanded Sample			
	Developed		Less Developed		Developed		Less Developed	
	Logit	Random	Logit	Random	Logit	Random	Logit	Random
<b>BALCH_term</b> <sup>2</sup>	20.036** [0.017]	19.722** [0.026]	15.835 [0.188]	15.835 [0.202]	13.225* [0.096]	13.047* [0.087]	13.483* [0.060]	13.483* [0.085]
<b>BALCH_ey</b> <sup>2</sup>	39.846*** [0.001]	38.765*** [0.002]	-3.451 [0.773]	-3.451 [0.757]	35.188*** [0.001]	35.038*** [0.002]	1.210 [0.902]	1.210 [0.892]
<b>GDPPC_gr</b> <sup>2</sup>	-5.684 [0.560]	-2.160 [0.845]	37.068*** [0.001]	37.068*** [0.002]	-0.755 [0.937]	1.276 [0.904]	34.468*** [0.000]	34.468*** [0.000]
<b>New Democracies</b>	1.189** [0.046]	1.362* [0.093]	0.601 [0.229]	0.601 [0.211]	1.266** [0.033]	1.373* [0.075]	0.191 [0.591]	0.191 [0.589]
<b>Majoritarian Electoral System</b>	0.694 [0.136]	0.853 [0.121]	0.779 [0.106]	0.779 [0.103]	0.586 [0.142]	0.655 [0.147]	0.703* [0.059]	0.703* [0.060]
<b>Constant</b>	0.101 [0.750]	-0.076 [0.853]	-1.923*** [0.000]	-1.923*** [0.001]	-0.182 [0.555]	-0.286 [0.458]	-1.739*** [0.000]	-1.739*** [0.000]
<b>Pseudo R<sup>2</sup></b>	0.085		0.128		0.071		0.112	
<b>LR test of rho=0</b>		1.160 [0.141]		0.000 [.999]		0.320 [0.285]		0.000 [1.000]
<b>Hausman test</b>	-0.41		0.00		0.21		-0.00	
	-		[1.000]		[0.999]		-	
<b>Observations</b>	164	164	91	91	180	180	167	167

<sup>1</sup> For variables definitions see the text section of the appendix. The figures in the table are logit coefficients and the figures in the parantheses are P-values.

<sup>2</sup> **BALCH\_term** - The change in the ratio of the government surplus to GDP in the two years preceding the election year, relative to the two previous years. **BALCH\_ey** -The change in the government surplus ratio to GDP in the election year, compared to the previous year. **GDPPC\_gr** - The average growth rate of real per-capita GDP during the leader's current term.

\* - Significant at the 10 percent level; \*\* - Significant at the 5 percent level; \*\*\* - Significant at the 1 percent level.

**Table A-8: Separate Effects of Global and Domestic Induced Growth, Inflation and Initial Political Strength on the Probability of Reelection - FIXED EFFECTS <sup>1</sup>**

Dependent variable: REELECT	Narrow Sample		Expanded Sample	
	(2)	(3)	(5)	(6)
BALCH_term * developed <sup>2</sup>	16.840* [0.085]	15.084 [0.132]	10.705 [0.205]	8.834 [0.307]
BALCH_term * less_developed <sup>2</sup>	15.045 [0.513]	14.651 [0.530]	25.730** [0.042]	26.203** [0.041]
BALCH_ey * developed <sup>2</sup>	25.080* [0.077]	23.734* [0.087]	26.137** [0.048]	24.566* [0.060]
BALCH_ey * less_developed <sup>2</sup>	-2.840 [0.901]	-5.505 [0.812]	7.376 [0.611]	5.873 [0.686]
GLOBAL_gr * Developed <sup>3</sup>	36.095 [0.579]	52.980 [0.427]	62.050 [0.348]	69.734 [0.296]
GLOBAL_gr * less_Developed <sup>3</sup>	-510.221 [0.238]	-548.677 [0.209]	61.545 [0.440]	63.298 [0.428]
DOMESTIC_gr * developed <sup>3</sup>	23.886 [0.131]	20.943 [0.190]	29.304* [0.057]	26.423* [0.088]
DOMESTIC_gr * less_developed <sup>3</sup>	85.225** [0.021]	89.510** [0.018]	52.164*** [0.003]	53.988*** [0.003]
INFCH_ey * Developed <sup>4</sup>	-13.834** [0.049]	-23.978** [0.017]	-16.098** [0.036]	-24.977*** [0.010]
INFCH_ey * less_Developed <sup>4</sup>	-2.029 [0.815]	-2.713 [0.758]	-0.725 [0.794]	-0.532 [0.848]
Average_INF * Developed <sup>5</sup>		-8.308** [0.041]		-8.110** [0.033]
PARTY <sup>6</sup>	1.463 [0.465]	1.961 [0.342]	1.569 [0.371]	1.877 [0.291]
VOTES <sup>7</sup>	0.279 [0.923]	1.098 [0.704]	-2.312 [0.298]	-1.798 [0.417]
New Democracies	1.721 [0.252]	2.067 [0.158]	3.490** [0.012]	3.655*** [0.009]
Majoritarian Electoral System	1.558 [0.187]	2.158* [0.077]	0.655 [0.538]	1.205 [0.282]
Pseudo R <sup>2</sup>	0.159	0.188	0.179	0.199
LR(chi2)	27.476	32.432	44.475	49.479
Akaike's criteria	173.48	170.52	232.54	229.54
Schwartz's criteria	219.65	219.99	283.07	283.68
Observations	200	200	273	273

<sup>1</sup> For variables definitions see the statistical Appendix. The figures in the table are logit coefficients and the figures in the parantheses are P-values calculated on the basis of robust standard errors. An asterisk (\*) indicates multiplication by the binary variable that follows. **developed** - A binary variable with a value of 1 for developed countries, **less\_developed** - A binary variable with a value of 1 for less developed countries.

<sup>2</sup> **BALCH\_term** - The change in the ratio of the government surplus to GDP in the two years preceding the election year, relative to the two previous years. **BALCH\_ey** -The change in the government surplus ratio to GDP in the election year, compared to the previous year.

<sup>3</sup> **DOMESTIC\_gr** , **GLOBAL\_gr** - The average growth rate of real per-capita GDP during the leader's current term.

<sup>4</sup> **INFCH\_ey** - The increase in the inflation rate from the year preceding the election year to the election year.

<sup>5</sup> **Average\_INF** - The average rate of inflation rate during the leader's current term.

<sup>6</sup> **PARTY** - The percent of seats in the parliament held by the leader's party, receives the value 0 in a presidential system.

<sup>7</sup> **VOTES** - The percent of the votes received by a leader in a presidential system in the first round of the previous elections.

\* - Significant at the 10 percent level; \*\* - Significant at the 5 percent level; \*\*\* - Significant at the 1 percent level.

**Table A-9: Characteristics of Election Campaigns in Developed Countries and New Democracies**

	Less Developed	Developed	Old	New	Total
<b>Narrow Sample</b>					
<b>Observations</b>	<b>91</b>	<b>164</b>	<b>194</b>	<b>61</b>	<b>255</b>
<b>Developed</b>	..	..	153	11	<b>164</b>
<b>Less developed</b>	..	..	41	50	<b>91</b>
<b>New</b>	50	11	..	..	<b>61</b>
<b>Old</b>	41	153	..	..	<b>194</b>
<b>Parliamentary</b>	57	154	175	36	<b>211</b>
<b>Presidential</b>	34	10	19	25	<b>44</b>
<b>Proportional</b>	48	133	140	41	<b>181</b>
<b>Majoritarian</b>	43	31	54	20	<b>74</b>
<b>Predetermined Election</b>	60	96	117	39	<b>156</b>
<b>Early Election</b>	31	68	77	22	<b>99</b>
<b>High Level of Democracy</b>	28	151	162	17	<b>179</b>
<b>Low Level of Democracy</b>	63	13	32	44	<b>76</b>
<b>Expanded Sample</b>					
<b>Observations</b>	<b>167</b>	<b>180</b>	<b>242</b>	<b>105</b>	<b>347</b>
<b>Developed</b>	..	..	169	11	<b>180</b>
<b>Less developed</b>	..	..	73	94	<b>167</b>
<b>New</b>	94	11	..	..	<b>105</b>
<b>Old</b>	73	169	..	..	<b>242</b>
<b>Parliamentary</b>	68	167	195	40	<b>235</b>
<b>Presidential</b>	99	13	47	65	<b>112</b>
<b>Proportional</b>	116	142	178	80	<b>258</b>
<b>Majoritarian</b>	51	38	64	25	<b>89</b>
<b>Predetermined Election</b>	120	106	152	74	<b>226</b>
<b>Early Election</b>	47	74	90	31	<b>121</b>
<b>High Level of Democracy</b>	40	167	186	21	<b>207</b>
<b>Low Level of Democracy</b>	127	13	56	84	<b>140</b>

<sup>1</sup> For definition of the various characteristics see the text section of the appendix. For a list of the country categories see

**Table A-10: Additional Effects of the Political System, the Timing of the Elections and the Level of Democracy on the Probability of Reelection <sup>1</sup>**

Dependent variable: REELECT	Narrow Sample			Expanded Sample		
	(1)	(2)	(3)	(4)	(5)	(6)
<b>BALCH_term * developed <sup>2</sup></b>	19.275** [0.019]	20.077** [0.018]	19.556** [0.017]	12.262 [0.115]	12.659* [0.094]	12.515 [0.106]
<b>BALCH_term * less_developed <sup>2</sup></b>	17.409 [0.156]	16.360 [0.173]	16.975 [0.162]	14.655** [0.047]	13.527* [0.062]	13.576* [0.066]
<b>BALCH_ey * developed <sup>2</sup></b>	38.450*** [0.001]	40.051*** [0.001]	38.286*** [0.001]	32.974*** [0.002]	33.095*** [0.002]	32.179*** [0.002]
<b>BALCH_ey * less_developed <sup>2</sup></b>	-1.905 [0.874]	-4.477 [0.709]	-3.455 [0.773]	3.086 [0.750]	0.796 [0.935]	1.247 [0.900]
<b>GDPPC_gr * developed <sup>2</sup></b>	-5.507 [0.567]	-5.901 [0.542]	-5.205 [0.589]	-0.343 [0.971]	-0.176 [0.985]	0.020 [0.998]
<b>GDPPC_gr * less_developed <sup>2</sup></b>	36.645*** [0.001]	37.948*** [0.000]	37.038*** [0.000]	33.595*** [0.000]	35.119*** [0.000]	34.630*** [0.000]
<b>Parliamentary System <sup>3</sup></b>	0.374 [0.358]			0.556* [0.078]		
<b>Predetermined Elections <sup>3</sup></b>		-0.291 [0.311]			-0.111 [0.652]	
<b>High Level of Democracy <sup>3</sup></b>			-0.001 [0.999]			0.196 [0.576]
<b>Developed Countries</b>	2.011*** [0.000]	2.144*** [0.000]	2.115*** [0.000]	1.421*** [0.002]	1.692*** [0.000]	1.578*** [0.001]
<b>New Democracies</b>	0.847** [0.036]	0.795** [0.042]	0.788* [0.055]	0.489 [0.125]	0.421 [0.176]	0.465 [0.148]
<b>Majoritarian Electoral System</b>	0.701** [0.037]	0.712** [0.035]	0.727** [0.030]	0.555** [0.043]	0.620** [0.023]	0.628** [0.021]
<b>Constant</b>	-2.247*** [0.000]	-1.843*** [0.000]	-2.009*** [0.000]	-2.079*** [0.000]	-1.783*** [0.000]	-1.926*** [0.000]
<b>Pseudo R<sup>2</sup></b>	0.106	0.106	0.103	0.105	0.099	0.099
<b>LR(chi2)</b>	34.11	34.42	34.00	41.47	40.62	41.31
<b>Akaike's criteria</b>	338.07	337.86	338.91	445.41	448.33	448.21
<b>Schwartz's criteria</b>	377.02	376.82	377.87	487.75	490.68	490.56
<b>Observations</b>	255	255	255	347	347	347

<sup>1</sup> For variables definitions see the text section of the appendix. The figures in the table are logit coefficients and the figures in the parantheses are P-values calculated on the basis of robust standard errors. An asterisk (\*) indicates multiplication by the binary variable that follows. **developed** - A binary variable with a value of 1 for developed countries, **less\_developed** - A binary variable with a value of 1 for less developed countries.

<sup>2</sup> **BALCH\_term** - The change in the ratio of the government surplus to GDP in the two years preceding the election year, relative to the two previous years. **BALCH\_ey** - The change in the government surplus ratio to GDP in the election year, compared to the previous year. **GDPPC\_gr** - The average growth rate of real per-capita GDP during the leader's current term.

<sup>3</sup> Binary variables indicating whether the country has a parliamentary political system, whether the elections took place in their predetermined date and whether the country was classified as having a high level of democracy in the year of the election campaign, respectively.

\* - Significant at the 10 percent level; \*\* - Significant at the 5 percent level; \*\*\* - Significant at the 1 percent level.

**Table A-11: Varying Effects of Budget Balances and Growth on the Probability of Reelection in Different Categories of Developed and Less Developed Economies <sup>1</sup>**

	Dependent variable: REELECT	Developed Countries			Less Developed Countries		
		Balch_term <sup>2</sup>	Balch_ey <sup>2</sup>	GDPPC_gr <sup>2</sup>	Balch_term <sup>2</sup>	Balch_ey <sup>2</sup>	GDPPC_gr <sup>2</sup>
1)	<b>Parliamentary System<sup>3</sup></b>	20.252** [0.017]	39.312*** [0.001]	-4.046 [0.678]	25.924* [0.061]	-1.115 [0.940]	38.190*** [0.002]
2)	<b>Presidential System<sup>3</sup></b>	-7.052 [0.871]	27.725 [0.599]	-39.578 [0.119]	-8.948 [0.718]	-6.698 [0.775]	37.272** [0.014]
3)	<b>Proportional Electoral System<sup>3</sup></b>	21.957** [0.014]	46.739*** [0.000]	-18.066 [0.250]	-1.624 [0.938]	-18.066 [0.250]	39.537*** [0.007]
4)	<b>Majoritarian Electoral System<sup>3</sup></b>	15.225 [0.427]	3.479 [0.902]	19.048 [0.218]	39.415** [0.023]	19.048 [0.218]	32.892** [0.027]
5)	<b>High Level of Democracy<sup>3</sup></b>	20.635** [0.013]	37.089*** [0.002]	-2.614 [0.794]	3.933 [0.911]	21.471 [0.311]	36.984** [0.035]
6)	<b>Low Level of Democracy<sup>3</sup></b>	-69.947 [0.442]	41.785* [0.084]	-19.485 [0.305]	23.485* [0.077]	-15.953 [0.218]	45.501*** [0.003]
7)	<b>Predetermined Elections<sup>3</sup></b>	23.070* [0.058]	26.947* [0.069]	-10.793 [0.341]	5.645 [0.695]	-4.136 [0.759]	34.510*** [0.001]
8)	<b>Early Elections<sup>3</sup></b>	20.404* [0.09]	59.127*** [0.001]	3.124 [0.777]	55.450 [0.169]	15.300 [0.655]	40.065* [0.093]

<sup>1</sup> For variables and country definitions see the text section of the appendix. The figures in the table are logit coefficients and the figures in the parantheses are P-values calculated on the basis of robust standard errors. The equations were estimated for the narrow sample but there is no qualitative difference

<sup>2</sup> **BALCH\_term** - The change in the ratio of the government surplus to GDP in the two years preceding the election year, relative to the two previous years. **BALCH\_ey** -The change in the government surplus ratio to GDP in the election year, compared to the previous year. **GDPPC\_gr** - The average growth rate of real per-capita GDP during the leader's current term.

<sup>3</sup> The coefficients in each column are for the interaction of the variable on the top of column - including a binary variable for developed or less developed countries, respectively - with the variable on the left column. The coefficients were estimated jointly in equations that included also a constant term and binary variables for developed countries, new democracies and countries with a majoritarian electoral system.

\* - Significant at the 10 percent level; \*\* - Significant at the 5 percent level; \*\*\* - Significant at the 1 percent level.

**Table A-12: Elasticities for Different Groups of Countries <sup>1</sup>**

Narrow Sample	BALCH_term <sup>2</sup>	BALCH_ey <sup>2</sup>	GDPPC_gr <sup>2</sup>
Developed Countries	4.83	9.33	..
Less Developed Countries	..	..	9.20
Old Democracies	4.37	4.21	..
New Democracies	..	..	8.72
Old & Developed Democracies	4.87	7.95	..
Old & Less Developed Democracies	..	..	6.45
Expanded Sample			
	A	B	D
Developed Countries	3.12	8.09	..
Less Developed Countries	3.07	..	8.08
Old Democracies	3.02	4.13	4.06
New Democracies	..	..	6.95
Old & Developed Democracies	3.33	7.24	..
Old & Less Developed Democracies	..	..	7.60

<sup>1</sup> The elasticity is the change (in percentage points) in the probability for reelection for an increase of 1 percentage point in the variable. For a definition of the country categories see Appendix I. For a list of the countries in each category see Table A-2.

<sup>2</sup> **BALCH\_term** - The change in the ratio of the government surplus to GDP in the two years preceding the election year, relative to the two previous years. **BALCH\_ey** -The change in the government surplus ratio to GDP in the election year, compared to the previous year. **GDPPC\_gr** - The average growth rate of real per-capita GDP during the leader's current term.

".." - For coefficients with a significant level of more than 10 percent.

**Table A-13: The Effects of Budget Balances and Growth on the Probability of Reelection in New and Old Democracies<sup>1</sup>**

Dependent variable: REELECT	Narrow Sample			Expanded Sample		
	(1)	(2)	(3)	(4)	(5)	(6)
BALCH_term * old <sup>2</sup>	17.518** [0.013]	17.640** [0.013]		12.234** [0.047]	12.483** [0.045]	
BALCH_term * new_democracy <sup>2</sup>	-1.667 [0.929]	-0.739 [0.970]		7.090 [0.435]	10.094 [0.288]	
BALCH_ey * old <sup>2</sup>	16.857* [0.079]	16.967* [0.096]	10.981 [0.232]	16.680* [0.051]	16.137* [0.071]	12.299 [0.135]
BALCH_ey * new_democracy <sup>2</sup>	17.019 [0.344]	15.818 [0.385]	17.421 [0.331]	6.856 [0.574]	8.413 [0.514]	5.519 [0.647]
GDPPC_gr * old <sup>2</sup>	9.948 [0.190]	7.954 [0.476]	7.852 [0.314]	16.401** [0.015]	13.145 [0.189]	14.919** [0.030]
GDPPC_gr * new_democracy <sup>2</sup>	35.190*** [0.001]	45.859*** [0.001]	34.196*** [0.001]	28.835*** [0.000]	39.936*** [0.000]	28.138*** [0.000]
GDPPC_gr_ey * old <sup>3</sup>		1.113 [0.897]			2.529 [0.738]	
GDPPC_gr_ey * new_democracy <sup>3</sup>		-13.189 [0.112]			-12.880* [0.070]	
BALCH_term+ey * old <sup>4</sup>			18.965*** [0.002]			15.144*** [0.009]
BALCH_term+ey * new_democracy <sup>4</sup>			-0.013 [0.999]			2.981 [0.739]
Developed Countries	0.780** [0.021]	0.751** [0.028]	0.805** [0.019]	0.682*** [0.008]	0.658** [0.013]	0.717*** [0.006]
Majoritarian Electoral System	0.739** [0.019]	0.734** [0.021]	0.757** [0.018]	0.701*** [0.007]	0.676** [0.010]	0.712*** [0.007]
Constant	-1.092*** [0.001]	-1.033*** [0.002]	-1.056*** [0.002]	-1.303*** [0.000]	-1.252*** [0.000]	-1.297*** [0.000]
Pseudo R <sup>2</sup>	0.075	0.082	0.082	0.079	0.086	0.084
LR(chi2)	23.292	24.450	26.106	34.265	36.217	36.486
Akaike's criteria	344.84	346.35	342.36	453.71	454.30	451.34
Schwartz's criteria	376.71	385.30	374.23	488.35	496.65	485.98
Observations	255	255	255	347	347	347

<sup>1</sup> For variables definitions see the text of the appendix. The figures in the table are logit coefficients and the figures in the parantheses are P-values calculated on the basis of robust standard errors. An asterisk (\*) indicates multiplication by the binary variable that follows.

**new\_democracy** - A binary variable with a value of 1 for new democracies, **old** - A binary variable with a value of 1 for old democracies.

<sup>2</sup> **BALCH\_term** - The change in the ratio of the government surplus to GDP in the two years preceding the election year, relative to the two previous years. **BALCH\_ey** - The change in the government surplus ratio to GDP in the election year, compared to the previous year. **GDPPC\_gr** - The average growth rate of real per-capita GDP during the leader's current term.

<sup>3</sup> **GDPPC\_gr\_ey** - Per-capita GDP growth in the last year of the leader's term.

<sup>4</sup> **BALCH\_term+ey** - The change in the budget balance ratio to GDP during the leader's term, including the elections year.

\* - Significant at the 10 percent level; \*\* - Significant at the 5 percent level; \*\*\* - Significant at the 1 percent level.

**Table A-14: The Effects of Budget Balances, Growth and Deviations of GDP from its trend on the Probability of Reelection in Developed, Less Developed and New Democracies<sup>1</sup>**

Dependent variable: REELECT	Narrow Sample						Expanded Sample					
	(1)	(1)	(1)	(2)	(2)	(2)	(3)	(3)	(3)	(4)	(4)	(4)
	Old Dev	Old Undev	New	Old Dev	Old Undev	New	Old Dev	Old Undev	New	Old Dev	Old Undev	New
<b>BALCH_term<sup>2</sup></b>	19.779** [0.016]	17.287 [0.296]	-3.031 [0.875]	20.093** [0.013]	15.944 [0.358]	-3.205 [0.873]	13.216* [0.088]	16.826* [0.090]	6.689 [0.467]	13.686* [0.076]	16.838* [0.088]	8.950 [0.359]
<b>BALCH_ey<sup>2</sup></b>	32.610*** [0.006]	-26.062 [0.211]	17.037 [0.328]	27.620** [0.038]	-22.426 [0.283]	19.298 [0.272]	28.728*** [0.009]	2.147 [0.886]	5.861 [0.629]	25.167** [0.042]	2.699 [0.856]	9.486 [0.460]
<b>GDPPC_gr<sup>2</sup></b>	-3.316 [0.741]	41.554** [0.014]	31.579** [0.017]	-6.536 [0.552]	51.633** [0.014]	33.258** [0.023]	1.488 [0.879]	40.320*** [0.003]	29.715*** [0.003]	-1.038 [0.922]	42.204*** [0.008]	33.895*** [0.002]
<b>GDPD_trend_ey<sup>3</sup></b>				9.102 [0.415]	-15.999 [0.438]	-19.824** [0.012]				7.203 [0.500]	-3.475 [0.815]	-16.034** [0.012]
<b>Majoritarian Electoral System</b>	0.702 [0.123]	0.129 [0.872]	0.637 [0.262]	0.660 [0.147]	0.141 [0.862]	0.508 [0.384]	0.590 [0.133]	0.338 [0.565]	0.663 [0.159]	0.546 [0.167]	0.309 [0.603]	0.477 [0.331]
<b>Constant</b>	0.033 [0.917]	-1.984*** [0.004]	-0.779 [0.110]	0.097 [0.772]	-2.353*** [0.007]	-0.593 [0.273]	-0.243 [0.435]	-1.807*** [0.000]	-1.251*** [0.000]	-0.192 [0.551]	-1.855*** [0.001]	-1.183*** [0.001]
<b>Pseudo R<sup>2</sup></b>	0.069	0.171	0.101	0.071	0.183	0.167	0.054	0.132	0.083	0.056	0.132	0.122
<b>LR(chi2)</b>	11.73	9.75	6.97	12.45	10.87	11.75	10.46	9.42	11.01	10.74	9.75	13.94
<b>Akaike's criteria</b>	207.41	53.09	86.01	208.83	54.46	82.46	231.37	88.16	139.69	232.96	90.10	136.16
<b>Schwartz's criteria</b>	222.56	61.40	96.57	227.02	64.44	95.13	247.02	99.40	153.01	251.74	103.59	152.14
<b>Observations</b>	153.00	39.00	61.00	153.00	39.00	61.00	169.00	70.00	106.00	169.00	70.00	106.00

<sup>1</sup> For variables definitions see the text section of the appendix. The figures in the table are logit coefficients and the figures in the parantheses are P-values calculated on the basis of robust standard errors. An asterisk (\*) indicates multiplication by the binary variable that follows. **new\_democracy** - A binary variable with a value of 1 for new democracies, **old\_developed** - A binary variable with a value of 1 for old and developed democracies, **old\_less\_developed** - A binary variable with a value of 1 for old and less developed democracies.

<sup>2</sup> **BALCH\_term** - The change in the ratio of the government surplus to GDP in the two years preceding the election year, relative to the two previous years. **BALCH\_ey** -The change in the government surplus ratio to GDP in the election year, compared to the previous year. **GDPPC\_gr** - The average growth rate of real per-capita GDP during the leader's current term.

<sup>3</sup> **GDPD\_trend\_ey** - The change in the difference between real GDP and its trend, estimated using a Hodrick-Prescott filter, in the last year of the leader's term.

\* - Significant at the 10 percent level; \*\* - Significant at the 5 percent level; \*\*\* - Significant at the 1 percent level.



**Table A-15: Varying Effects of Budget Balances on the Probability of Reelection in Different Categories of Old and New Democracies <sup>1</sup>**

	Dependent variable: REELECT	Old Democracies <sup>2</sup>		Old Developed Democracies <sup>2</sup>		Old Less Developed Democracies <sup>2</sup>		New Democracies <sup>2</sup>	
		Balch_term	Balch_ey	Balch_term	Balch_ey	Balch_term	Balch_ey	Balch_term	Balch_ey
1)	<b>Parliamentary System<sup>3</sup></b>	17.866** [0.012]	16.384* [0.096]	19.057** [0.020]	30.521*** [0.009]	14.518 [0.346]	-11.711 [0.543]	2.903 [0.906]	27.146 [0.310]
2)	<b>Presidential System<sup>3</sup></b>	-15.981 [0.724]	33.833 [0.467]	40.369 [0.399]	149.708 [0.209]	-42.611 [0.430]	9.328 [0.824]	-11.255 [0.675]	-21.834 [0.434]
3)	<b>Proportional Electoral System<sup>3</sup></b>	16.367** [0.043]	30.724** [0.012]	22.399** [0.013]	41.272*** [0.001]	-26.198 [0.407]	-27.263 [0.376]	-4.127 [0.830]	0.841 [0.959]
4)	<b>Majoritarian Electoral System<sup>3</sup></b>	19.957 [0.118]	-8.284 [0.608]	13.358 [0.470]	-3.128 [0.907]	31.701 [0.111]	-0.918 [0.965]	-4.359 [0.937]	60.745** [0.036]
5)	<b>High Level of Democracy<sup>3</sup></b>	17.235** [0.030]	26.975** [0.013]	20.276** [0.013]	31.871*** [0.008]	9.945 [0.804]	21.716 [0.451]	-4.771 [0.877]	42.668* [0.076]
6)	<b>Low Level of Democracy<sup>3</sup></b>	10.112 [0.526]	-22.403 [0.288]	-229.355 [0.182]	29.083 [0.497]	6.567 [0.678]	-42.952 [0.141]	6.994 [0.753]	2.057 [0.918]
7)	<b>Predetermined Elections<sup>3</sup></b>	15.151 [0.126]	8.726 [0.479]	24.300* [0.054]	27.001* [0.085]	-10.439 [0.588]	-27.516 [0.213]	3.725 [0.865]	6.015 [0.751]
8)	<b>Early Elections<sup>3</sup></b>	22.885** [0.027]	31.635** [0.030]	18.786 [0.122]	48.099*** [0.007]	73.639* [0.090]	13.130 [0.700]	27.527 [0.585]	82.504** [0.018]

<sup>1</sup> For variables and country definitions see the text section of the appendix. The figures in the table are logit coefficients and the figures in the parantheses are P-values calculated on the basis of robust standard errors. The equations were estimated for the narrow sample but there is no qualitative difference.

<sup>2</sup> **BALCH\_term** - The change in the ratio of the government surplus to GDP in the two years preceding the election year, relative to the two previous years. **BALCH\_ey** - The change in the government surplus ratio to GDP in the election year, compared to the previous year.

<sup>3</sup> The coefficients in each column are for the interaction of the variable on the top of column - including a binary variable for old, old developed, old less developed and new democracies, respectively - with the variable on the left column. The coefficients were estimated in equations that included also a constant term the change in GDP per capit during the term and binary variables for developed countries, new democracies and countries with a majoritarian electoral system.

\* - Significant at the 10 percent level; \*\* - Significant at the 5 percent level; \*\*\* - Significant at the 1 percent level.

Table A-16: Descriptive Statistics - Party & Votes <sup>1</sup>

	All Countries			Developed Countries			Developing Countries		
	All	Reelect=1	Reelect=0	All	Reelect=1	Reelect=0	All	Reelect=1	Reelect=0
<b>Narrow Sample</b>									
<b>Party</b>									
Observations that are non-zero	199	102	97	154	81	73	45	21	24
mean on non-zero observations	0.441	0.462	0.418	0.419	0.435	0.400	0.517	0.564	0.475
st dev on non-zero observations	0.140	0.152	0.124	0.108	0.113	0.100	0.201	0.225	0.171
<b>Votes</b>									
Observations that are non-zero	39	14	25	8	4	4	31	10	21
mean on non-zero observations	0.507	0.504	0.508	0.531	0.497	0.566	0.500	0.507	0.497
st dev on non-zero observations	0.117	0.141	0.104	0.076	0.087	0.052	0.126	0.162	0.109
<b>Expanded Sample</b>									
<b>Party</b>									
Observations that are non-zero	223	107	116	167	81	86	56	26	30
mean on non-zero observations	0.445	0.463	0.428	0.423	0.435	0.411	0.511	0.550	0.478
st dev on non-zero observations	0.139	0.152	0.124	0.106	0.113	0.098	0.195	0.216	0.172
<b>Votes</b>									
Observations that are non-zero	107	30	77	11	6	5	96	24	72
mean on non-zero observations	0.478	0.503	0.468	0.523	0.499	0.551	0.473	0.504	0.462
st dev on non-zero observations	0.125	0.106	0.131	0.065	0.067	0.055	0.129	0.115	0.133

<sup>1</sup> 17 observations do not have data for these variables and are therefore excluded when they are used.

**Table A-17: Additional Effects of the Political Strength of the Leader on the Probability of Reelection <sup>1</sup>**

Dependent variable: REELECT	Narrow Sample				Expanded Sample			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
BALCH_term * developed <sup>2</sup>	19.883** [0.018]	18.790** [0.024]	18.772** [0.024]	19.389** [0.020]	12.802 [0.106]	11.815 [0.137]	11.848 [0.135]	12.243 [0.122]
BALCH_term * less_developed <sup>2</sup>	18.062 [0.123]	9.803 [0.422]	9.745 [0.425]	8.394 [0.509]	14.480** [0.048]	13.213* [0.066]	13.373* [0.063]	12.971* [0.089]
BALCH_ey * developed <sup>2</sup>	39.869*** [0.001]	41.628*** [0.001]	41.644*** [0.001]	40.780*** [0.001]	34.028*** [0.002]	35.270*** [0.002]	35.184*** [0.002]	35.052*** [0.001]
BALCH_ey * less_developed <sup>2</sup>	1.552 [0.907]	4.284 [0.741]	3.636 [0.784]	6.920 [0.614]	4.589 [0.632]	7.194 [0.449]	8.055 [0.405]	8.665 [0.374]
GDPPC_gr * developed <sup>2</sup>	-5.305 [0.593]	-5.989 [0.537]	-5.973 [0.538]	-3.275 [0.735]	-0.084 [0.993]	0.067 [0.994]	0.070 [0.994]	2.217 [0.816]
GDPPC_gr * less_developed <sup>2</sup>	29.615*** [0.007]	32.964*** [0.002]	33.456*** [0.002]	35.301*** [0.001]	31.301*** [0.000]	31.116*** [0.000]	30.904*** [0.000]	32.067*** [0.000]
PARTY <sup>3</sup>		3.074*** [0.006]	3.164*** [0.007]			2.707*** [0.003]	2.621*** [0.005]	
PARTY * majoritarian <sup>3</sup>				3.413*** [0.002]				2.864*** [0.001]
PARTY * proportional <sup>3</sup>				1.575 [0.220]				1.622 [0.146]
VOTES <sup>4</sup>		1.675 [0.185]		1.168 [0.363]		1.383 [0.171]		0.994 [0.337]
VOTES_R2 <sup>5</sup>			1.774 [0.171]				1.395 [0.176]	
D_R2 <sup>6</sup>			-0.160 [0.848]				-0.670 [0.320]	
Developed Countries	1.631*** [0.001]	1.787*** [0.001]	1.821*** [0.001]	2.120*** [0.000]	1.474*** [0.001]	1.393*** [0.002]	1.349*** [0.003]	1.558*** [0.001]
New Democracies	0.386 [0.320]	0.600 [0.151]	0.589 [0.156]	0.708* [0.098]	0.112 [0.723]	0.328 [0.317]	0.325 [0.320]	0.377 [0.259]
Constant	-1.365*** [0.001]	-2.775*** [0.000]	-2.848*** [0.000]	-2.702*** [0.000]	-1.488*** [0.000]	-2.540*** [0.000]	-2.462*** [0.000]	-2.415*** [0.000]
Pseudo R <sup>2</sup>	0.083	0.108	0.109	0.122	0.086	0.109	0.111	0.115
LR(chi2)	25.723	34.476	34.232	34.416	34.434	44.670	44.426	46.225
Akaike's criteria	320.54	316.04	317.92	313.60	427.21	420.90	422.26	420.20
Schwartz's criteria	351.79	354.23	359.59	355.27	461.41	462.69	467.85	465.79
Observations	238	238	238	238	330	330	330	330

<sup>1</sup> For variables definitions see the text section of the appendix. The figures in the table are logit coefficients and the figures in the parantheses are P-values calculated on the basis of robust standard errors. An asterisk (\*) indicates multiplication by the binary variable that follows: **developed** - A binary variable with a value of 1 for developed countries, **less\_developed** - A binary variable with a value of 1 for less developed countries.

<sup>2</sup> **BALCH\_term** - The change in the ratio of the government surplus to GDP in the two years preceding the election year, relative to the two previous years **BALCH\_ey** - The change in the government surplus ratio to GDP in the election year, compared to the previous year **GDPPC\_gr** - The average growth rate of real per-capita GDP during the leader's current term.

<sup>3</sup> **PARTY** - The percent of seats in the parliament held by the leader's party, receives the value 0 in a presidential system.

<sup>4</sup> **VOTES** - The percent of the votes received by a leader in a presidential system in the first round of the previous elections.

<sup>5</sup> **VOTES\_R2** - The percent of the votes received by a leader in a presidential system in the last round of the previous elections.

<sup>6</sup> **D\_R2** - A binary variable receiving the value 1 for a leader in a presidential system, that had to run in more than one round in the previous elections.

\* - Significant at the 10 percent level; \*\* - Significant at the 5 percent level; \*\*\* - Significant at the 1 percent level.

Table A-18: Separate Effects of Global and Domestic Induced Growth on the Probability of Reelection <sup>1</sup>

Dependent variable: REELECT	Narrow Sample						Expanded Sample					
	(1)	(1)	(2)	(2)	(3)	(3)	(4)	(4)	(5)	(5)	(6)	(6)
	Dev	Undev	Dev	Undev	Dev	Undev	Dev	Undev	Dev	Undev	Dev	Undev
BALCH_term <sup>2</sup>	16.896** [0.046]	7.255 [0.570]	20.156** [0.018]	8.302 [0.511]	19.805** [0.021]	7.310 [0.563]	10.773 [0.187]	14.105* [0.069]	13.253 [0.102]	13.852* [0.077]	12.771 [0.116]	14.000* [0.073]
BALCH_ey <sup>2</sup>	29.438** [0.018]	5.922 [0.659]	40.804*** [0.001]	5.512 [0.692]	37.440*** [0.004]	5.962 [0.659]	25.667** [0.026]	8.686 [0.394]	35.193*** [0.002]	8.211 [0.410]	32.139*** [0.007]	8.234 [0.410]
GLOBAL_gr <sup>3</sup>	19.755 [0.517]	27.506 [0.843]	20.518 [0.547]	32.223 [0.814]	15.047 [0.641]	35.532 [0.794]	29.291 [0.340]	6.451 [0.882]	29.959 [0.375]	7.851 [0.856]	25.046 [0.436]	6.545 [0.880]
DOMESTIC_gr <sup>3</sup>	2.821 [0.822]	35.596*** [0.003]	3.075 [0.797]	34.287*** [0.003]	1.910 [0.874]	34.878*** [0.003]	8.192 [0.514]	31.309*** [0.001]	8.650 [0.465]	32.283*** [0.000]	7.797 [0.517]	31.966*** [0.000]
INF_ey <sup>4</sup>	-14.033*** [0.001]	1.101 [0.706]					-12.852*** [0.001]	-0.734 [0.694]				
INFCH_ey <sup>4</sup>	-10.508* [0.054]	1.878 [0.686]	-11.567** [0.025]	2.212 [0.651]	-17.150** [0.014]	2.438 [0.603]	-10.504** [0.045]	0.219 [0.877]	-11.863** [0.018]	-0.087 [0.941]	-17.541** [0.011]	-0.005 [0.997]
Average_INF <sup>4</sup>					-5.215** [0.016]	0.664 [0.646]					-5.053** [0.020]	-0.245 [0.814]
PARTY <sup>5</sup>	2.847 [0.118]	2.913 [0.127]	2.484 [0.146]	2.755 [0.140]	2.540 [0.147]	2.877 [0.123]	1.861 [0.291]	2.969** [0.044]	1.566 [0.346]	3.046** [0.038]	1.585 [0.349]	3.014** [0.040]
VOTES <sup>6</sup>	-0.062 [0.979]	2.038 [0.262]	0.100 [0.964]	1.887 [0.289]	-0.383 [0.866]	1.967 [0.267]	0.052 [0.981]	1.361 [0.305]	0.284 [0.895]	1.416 [0.287]	-0.160 [0.943]	1.390 [0.296]
New Democracies	2.274*** [0.005]	0.581 [0.356]	0.860 [0.147]	0.607 [0.332]	2.124** [0.035]	0.545 [0.400]	2.264*** [0.003]	0.257 [0.528]	0.958* [0.095]	0.261 [0.521]	2.189** [0.027]	0.275 [0.508]
Majoritarian Electoral System	1.271** [0.034]	0.664 [0.413]	0.981* [0.081]	0.612 [0.440]	1.126* [0.052]	0.673 [0.405]	1.030** [0.050]	0.145 [0.806]	0.827* [0.083]	0.167 [0.778]	0.946* [0.058]	0.150 [0.800]
Constant	-1.007 [0.417]	-2.995 [0.353]	-1.616 [0.208]	-2.908 [0.361]	-1.201 [0.339]	-3.130 [0.324]	-1.080 [0.383]	-1.979* [0.099]	-1.654 [0.191]	-2.148* [0.056]	-1.253 [0.315]	-2.064* [0.075]
Pseudo R <sup>2</sup>	0.162	0.140	0.120	0.138	0.144	0.141	0.133	0.134	0.097	0.133	0.118	0.133
LR(chi2)	26.202	17.039	18.456	16.596	22.935	17.250	28.120	25.063	19.790	25.085	25.120	25.356
Akaike's criteria	209.92	110.35	217.25	108.55	213.90	110.31	235.81	188.74	242.77	186.93	239.69	188.87
Schwartz's criteria	243.89	135.99	248.12	131.86	247.86	135.94	270.81	222.00	274.58	217.17	274.69	222.14
Observations	162	76	162	76	162	76	178	152	178	152	178	152

<sup>1</sup> For variables definitions see the text section of the appendix. The figures in the table are logit coefficients and the figures in the parantheses are P-values calculated on the basis of robust standard errors. An asterisk (\*) indicates multiplication by the binary variable that follows. **developed** - A binary variable with a value of 1 for developed countries, **less\_developed** - A binary variable with a value of 1 for less developed countries.

<sup>2</sup> **BALCH\_term** - The change in the ratio of the government surplus to GDP in the two years preceding the election year, relative to the two previous years. **BALCH\_ey** - The change in the government surplus ratio to GDP in the election year, compared to the previous year.

<sup>3</sup> **DOMESTIC\_gr** , **GLOBAL\_gr** - The average growth rate of real per-capita GDP during the leader's current term.

<sup>4</sup> **INF\_ey** - The inflation rate in the election year. **INFCH\_ey** - The increase in the inflation rate from the year preceding the election year to the election year. **Average\_INF** - The average rate of inflation rate during the leader's current term.

<sup>5</sup> **PARTY** - The percent of seats in the parliament held by the leader's party, receives the value 0 in a presidential system.

<sup>6</sup> **VOTES** - The percent of the votes received by a leader in a presidential system in the first round of the previous elections.

\* - Significant at the 10 percent level; \*\* - Significant at the 5 percent level; \*\*\* - Significant at the 1 percent level.

**Table A-19: Additional Effects of Election Year Budget Balances and Growth on the Probability of Reelection - FIXED EFFECTS <sup>1</sup>**

Dependent variable: REELECT	Narrow Sample			Expanded Sample		
	(1)	(2)	(3)	(4)	(5)	(6)
BALCH_term * developed <sup>2</sup>	16.456* [0.070]		13.037 [0.229]	10.510 [0.178]		6.701 [0.475]
BALCH_term * less_developed <sup>2</sup>	11.678 [0.577]		11.067 [0.618]	15.701 [0.110]		13.591 [0.270]
BALCH_ey * developed <sup>2</sup>	28.876** [0.030]	24.164* [0.064]	36.779** [0.025]	27.793** [0.019]	23.997** [0.043]	35.220** [0.022]
BALCH_ey * less_developed <sup>2</sup>	19.986 [0.277]	17.907 [0.315]	48.749 [0.166]	7.508 [0.489]	3.041 [0.774]	6.274 [0.688]
GDPPC_gr * developed <sup>2</sup>	8.228 [0.481]	6.643 [0.573]	6.864 [0.562]	13.355 [0.232]	11.777 [0.293]	11.972 [0.290]
GDPPC_gr * less_developed <sup>2</sup>	48.848** [0.042]	51.420** [0.031]	48.717** [0.042]	33.009*** [0.010]	29.508** [0.014]	32.701** [0.013]
BALCH_term+ey * developed <sup>3</sup>		19.267** [0.023]			13.673* [0.062]	
BALCH_term+ey * less_developed <sup>3</sup>		21.201 [0.275]			14.592 [0.148]	
BALCH_term * Def_Size * developed <sup>4</sup>			-1.242 [0.571]			-1.568 [0.431]
BALCH_term * Def_Size * less_developed <sup>4</sup>			0.801 [0.729]			-0.474 [0.769]
BALCH_ey * Def_Size * developed <sup>4</sup>			2.288 [0.437]			2.077 [0.448]
BALCH_ey * Def_Size * less_developed <sup>4</sup>			6.123 [0.315]			-0.327 [0.913]
New Democracies	2.457** [0.015]	2.628** [0.011]	2.541** [0.013]	2.306*** [0.003]	2.320*** [0.003]	2.337*** [0.003]
Majoritarian Electoral System	0.688 [0.548]	0.783 [0.503]	0.742 [0.514]	0.318 [0.761]	0.363 [0.732]	0.337 [0.751]
Pseudo R <sup>2</sup>	0.118	0.136	0.130	0.114	0.120	0.119
LR(chi2)	21.787	25.020	23.982	30.52	31.98	31.76
Akaike's criteria	178.21	174.98	184.01	252.13	250.67	258.89
Schwartz's criteria	205.14	201.90	224.41	281.71	280.25	303.26
Observations	214	214	214	298	298	298

<sup>1</sup>For variables definitions see the text of the appendix. The figures in the table are logit coefficients and the figures in the parantheses are P-values calculated on the basis of robust standard errors. An asterisk (\*) indicates multiplication by the binary variable that follows. **developed** - A binary variable with a value of 1 for developed countries, **less\_developed** - A binary variable with a value of 1 for less developed countries.

<sup>2</sup> **BALCH\_term** - The change in the ratio of the government surplus to GDP in the two years preceding the election year, relative to the two previous years. **BALCH\_ey** - The change in the government surplus ratio to GDP in the election year, compared to the previous year. **GDPPC\_gr** - The average growth rate of real per-capita GDP during the leader's current term.

<sup>3</sup> **BALCH\_term+ey** - The change in the budget balance ratio to GDP during the leader's term, including elections year.

<sup>4</sup> **Def\_Size** - The budget surplus ratio to GDP at the beginning of the leader's term. An asterisk (\*) indicates multiplication by this variable.

\* - Significant at the 10 percent level; \*\* - Significant at the 5 percent level; \*\*\* - Significant at the 1 percent level.

Table A-20: Separate Effects of Revenue and Expenditure on the Probability of Reelection <sup>1</sup>

Dependent variable: REELECT	Narrow Sample				Expanded Sample			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
REVCH_term * developed <sup>2</sup>	19.501** [0.026]	15.716* [0.081]	18.756** [0.031]	18.291** [0.037]	11.730 [0.156]	8.702 [0.309]	11.079 [0.183]	10.583 [0.204]
REVCH_term * less_developed <sup>2</sup>	15.609 [0.270]	12.430 [0.432]	10.725 [0.472]	11.587 [0.450]	18.391* [0.059]	17.825* [0.072]	17.421* [0.082]	18.027* [0.075]
EXPCH_term * developed <sup>2</sup>	-19.327*** [0.028]	-15.376* [0.083]	-19.543** [0.025]	-18.745** [0.032]	-11.727 [0.164]	-8.602 [0.320]	-11.905 [0.158]	-11.122 [0.189]
EXPCH_term * less_developed <sup>2</sup>	-15.482 [0.210]	-9.133 [0.503]	-9.056 [0.481]	-8.960 [0.507]	-14.062* [0.054]	-13.230* [0.086]	-13.330* [0.084]	-13.507* [0.081]
REVCH_ey * developed <sup>2</sup>	54.723*** [0.001]	51.783*** [0.002]	56.879*** [0.001]	55.014*** [0.001]	49.234*** [0.002]	47.273*** [0.003]	49.995*** [0.002]	48.655*** [0.002]
REVCH_ey * less_developed <sup>2</sup>	11.563 [0.449]	15.478 [0.333]	13.793 [0.388]	15.967 [0.323]	7.389 [0.511]	10.884 [0.368]	10.272 [0.376]	10.553 [0.373]
EXPCH_ey * developed <sup>2</sup>	-33.932*** [0.007]	-25.919** [0.042]	-40.713*** [0.001]	-35.165*** [0.006]	-28.866** [0.012]	-22.116* [0.060]	-33.882*** [0.003]	-29.391** [0.012]
EXPCH_ey * less_developed <sup>2</sup>	-2.267 [0.872]	-5.869 [0.673]	-4.262 [0.760]	-5.124 [0.715]	-7.575 [0.508]	-9.891 [0.403]	-9.011 [0.417]	-9.173 [0.421]
GDPPC_gr * developed <sup>2</sup>	2.999 [0.798]	2.707 [0.821]	2.644 [0.816]	1.917 [0.867]	8.925 [0.435]	8.647 [0.457]	8.909 [0.424]	8.203 [0.464]
GDPPC_gr * less_developed <sup>2</sup>	30.477** [0.010]	36.064*** [0.002]	32.774*** [0.005]	33.997*** [0.003]	30.791*** [0.001]	31.041*** [0.000]	31.378*** [0.000]	31.432*** [0.000]
INF_ey * Developed <sup>3</sup>		-12.404*** [0.001]				-10.543*** [0.005]		
INF_ey * Less_Developed <sup>3</sup>		1.354 [0.644]				-0.509 [0.756]		
INFCH_ey * Developed <sup>3</sup>	-14.631** [0.021]	-10.355** [0.038]	-11.058** [0.030]	-16.077*** [0.009]	-15.293** [0.017]	-11.387** [0.026]	-11.853** [0.015]	-16.342*** [0.008]
INFCH_ey * Less_Developed <sup>3</sup>	3.747 [0.415]		2.580 [0.599]	3.316 [0.500]	0.341 [0.792]		0.030 [0.980]	0.168 [0.898]
Average_INF * Developed <sup>3</sup>	-3.426* [0.088]			-3.961** [0.041]	-2.837 [0.184]			-3.288 [0.104]
Average_INF * Less_Developed <sup>3</sup>	0.025 [0.986]			0.631 [0.666]	-0.591 [0.581]			-0.249 [0.817]
PARTY <sup>4</sup>		2.877** [0.023]	2.362** [0.048]	2.735** [0.025]		2.379** [0.022]	2.143** [0.031]	2.298** [0.024]
VOTES <sup>5</sup>		1.144 [0.419]	0.975 [0.476]	1.041 [0.452]		1.007 [0.361]	0.892 [0.411]	0.950 [0.384]
Developed Countries	1.871*** [0.003]	2.722*** [0.000]	1.542*** [0.009]	2.080*** [0.002]	1.396** [0.011]	1.785*** [0.004]	1.141** [0.020]	1.413** [0.012]
New Democracies	0.749 [0.125]	1.052** [0.043]	0.676 [0.139]	0.978* [0.070]	0.287 [0.418]	0.527 [0.151]	0.313 [0.352]	0.490 [0.189]
Majoritarian Electoral System	0.922** [0.016]	0.759* [0.062]	0.671* [0.084]	0.704* [0.077]	0.713** [0.018]	0.472 [0.151]	0.479 [0.137]	0.457 [0.161]
Constant	-1.817*** [0.001]	-3.312*** [0.000]	-2.625*** [0.001]	-3.036*** [0.000]	-1.659*** [0.000]	-2.546*** [0.000]	-2.417*** [0.000]	-2.515*** [0.000]
Pseudo R <sup>2</sup>	0.131	0.162	0.135	0.150	0.120	0.145	0.128	0.135
LR(chi2)	37.015	45.201	38.007	41.414	47.997	58.879	51.515	55.474
Akaike's criteria	322.71	314.20	321.20	320.39	430.09	420.93	426.52	427.24
Schwartz's criteria	385.21	380.17	383.70	389.84	498.47	493.11	494.90	503.22
Observations	238	238	238	238	330	330	330	330

<sup>1</sup> For variables definitions see the text section of the appendix. The figures in the table are logit coefficients and the figures in the parantheses are P-values calculated on the basis of robust standard errors. An asterisk (\*) indicates multiplication by the binary variable that follows. **developed** - A binary variable with a value of 1 for developed countries, **less\_developed** - A binary variable with a value of 1 for less developed countries.

<sup>2</sup> **REVCH\_term** - The change in the ratio of the government revenue to GDP in the two years preceding the election year, relative to the two previous years. **EXPCH\_term** - The change in the ratio of the government expenditure to GDP in the two years preceding the election year, relative to the two previous years. **REVCH\_ey** - The change in the government revenue ratio to GDP in the election year, compared to the previous year. **EXPCH\_ey** - The change in the government expenditure ratio to GDP in the election year, compared to the previous year. **GDPPC\_gr** - The average growth rate of real per-capita GDP during the leader's current term.

<sup>3</sup> **INF\_ey** - The inflation rate in the election year. **INFCH\_ey** - The increase in the inflation rate from the year preceding the election year to the election year. **Average\_INF** - The average rate of inflation rate during the leader's current term.

<sup>4</sup> **PARTY** - The percent of seats in the parliament held by the leader's party, receives the value 0 in a presidential system.

<sup>5</sup> **VOTES** - The percent of the votes received by a leader in a presidential system in the first round of the previous elections.

\* - Significant at the 10 percent level; \*\* - Significant at the 5 percent level; \*\*\* - Significant at the 1 percent level.