"The Global Spread of Environmental Ministries"

A Supplementary Online Appendix

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Contents

A1 Overview

This appendix presents the main empirical results for "The Global Diffusion of Policies and Institutions." It includes both the reported and some unreported findings. It is to be posted online upon publication of the article. It is organized as follows:

- Data description: coding of environmental ministries and environmental aid.

- Association between environmental ministry formation and policy: to establish the relevance of environmental ministries for actual policy.

- Robustness overview: detailed discussion of robustness tests reported in the main text.

- Figures for empirical analysis.

- Tables for empirical analysis: model without interactions, various codings of democratization, various codings of environmental aid, remaining robustness checks.

A2   Data Description

A2.1   Environmental Ministries

We constructed our panel dataset for national environmental ministries, as defined in the main text, in the fashion described below. If this article is accepted for publication, we will publish a complete list with a description of data sources.

First, we obtained a partial dataset from Busch and Jörgens (2005*b*). From this dataset, we were able to recover adoption information for 106 national environmental ministries by the year 2000. We verified independently that their codings did not contain errors, and we found their data reliable.

Second, we began collecting information for the remaining countries. We were able to find reliable information on the establishment of a national environmental ministry for another 35 countries that were not included in the previous dataset. While many of these national environmental ministries were established after 2000, we found 18 that were established before that. Thus, we were able to significantly improve the Busch and Jörgens (2005*b*).

For 16 countries, we were able to find current (as of April 2010) information indicating that they do not have an environmental ministry. As such information, we admitted official information on the structure of the government – such as national administrative websites or documents – or secondary information from respectable sources, such as major national newspapers.

For the remaining countries, we were either unable to find information on a national environmental ministry or found confirmation that they have a ministry, but the exact year of establishment was unclear. In the first case, we followed the conservative coding of Busch and Jörgens (2005*b*) and coded countries as not having an national environmental ministry. This coding is theoretically appropriate, because total absence of information indicates that at the very least, a national environmental ministry is inactive (more probable, does not exist). In the second case, we used two different codings. On the one hand, in the main text we coded such countries conservatively as not having an environmental ministry. Since many such countries have experienced major political changes, including democratization, this coding decision stacks the deck against our theoretical argument. On the other hand, we also estimated our statistical models excluding all such countries. Thus, we were able to verify that our results do not depend on a subjective coding decision.

To ensure coding reliability, we coded the national environmental ministries independently. Each case was first coded by one individual and then verified by another individual. In approximately 95 per cent of

the cases, the individual codings were in agreement. For all of the remaining cases, we conducted a case study to find out when the national environmental ministry was actually established. In almost every such instance, the coding discrepancy resulted from the fact that one of the coders had not found information on early adoption. In total, there were only a handful of cases that required a more careful consideration of the adoption year.

Finally, for every case, we tried to find information indicating that the national environmental ministry had been dismantled at some subsequent time. We were not able to find such information for any country. For some cases, such as Iraq since 2003, we found information indicating that national environmental ministries had been in a state of disarray temporarily. However, there were no cases with evidence indicating that they had been permanently dismantled.

A2.2 Environmental Aid

The environmental aid data is derived from the AidData project (Hicks et al., 2008). We defined environmental aid based on the OECD coding. The codes for the narrow definition of environmental aid include all projects listed under the following Creditor Reporting System (CRS) purpose codes: 41010, 41020, 41030, 41040, 41050, 41081, 41082.

The broad definition includes in addition the CRS codes 32210, 43030, 43040, 60061. See the OECD website at `http://www.oecd.org/document/0/0,2340,en_2649_34447_37679488_1_1_1_1,00.html` for additional information. Accessed April 20, 2010.

A3   Associations Between Ministry and Policy Formation

We examined the relationship between the establishment of an environmental ministry and policy formation in three ways. First, we examined graphically the correlation between ministry and policy formation. Busch and Jörgens (2005*a*, 88) provide data for over 100 countries and over the years 1967-2000. While their dataset is not complete, and thus inappropriate for our empirical analysis, in this relatively large sample the association between ministry formation and other environmental laws is very strong. In particular, the diffusion of environmental ministries follows a curve that is almost identical to environmental framework laws. The positive association with environmental impact assessment laws is also very strong, and by the year 2000 the set of countries with a ministry is almost identical to the set with environmental impact assessment laws.

Next, we used ratification data from Bernauer et al. (2010) for 255 global environmental treaties, 1945-2000. We computed the number of treaties that each country had ratified by each year, and compared the average number for all countries with and without a ministry in that year. We report the results for 1980, 1990, and 2000 here:

- In 1980, the means were 40.2 (ministry) and 19.8 (no ministry);

- In 1990, the means were 49.4 (ministry) and 29.2 (no ministry);

- In 2000, the means were 60.3 (ministry) and 40.7 (no ministry).

Thus, the difference remains at approximately twenty throughout the time period. These observation are strongly supportive of our contention that ministry formation is associated with increased engagement in global environmental governance.

Finally, we used ENVIPOLCON data from Holzinger, Knill, and Sommerer (2008). We compared the number of policy instruments in industrialized and post-communist countries as a function of environmental ministry in 1980, 1990, and 2000. In 1980, we did not find a noticeable difference: the means were 5.4 each. In 1990, countries with a ministry had reached a level of 8.9 while countries without a ministry had reached a level of 8.6. By 2000, this difference in favor of ministry countries had grown to 16.5 versus 13. While ministry formation was not initially associated with a higher propensity for policy formation, by the year 2000 the difference was very clear.

A4 Interpreting Interactive Regression Models

Interpreting interactive regression models – both in a linear and a non-linear setting – is not straightforward (Brambor, Clark, and Golder, 2006). Suppose the estimated model is:

$$y = \hat{a} \cdot X + \hat{b} \cdot Z + \hat{c} \cdot X \cdot Z. \tag{1}$$

Then, the marginal effect with respect to X is:

$$\frac{\partial y}{\partial X} = \hat{a} + \hat{c} \cdot Z. \tag{2}$$

The standard errors of these marginal effects can be computed as follows (Brambor, Clark, and Golder, 2006). Using again the marginal effect of X as an example, we find:

$$\text{Var(marginal effect)} = \text{Var}(\hat{a}) + Z^2 \cdot \text{Var}(\hat{c}) + 2 \cdot Z \cdot \text{Cov}(\hat{a}, \hat{c}). \tag{3}$$

A5 Robustness Overview

We subjected our results on the domestic, international, and interactive variables to a series of robustness tests. The first series of tests regard the democratization variable. We replicated our analysis using various coding schemes. First, we changed the time window of the variable. The democratization variable used above measured the difference in democratic institutions between t and $t - 3$. Using both $t - (t - 1)$ and $t - (t - 5)$, we found no meaningful difference. In fact, the results tended to be stronger – both in terms of significance levels and substantive effects – in both cases, especially in our analysis of environmental aid.

Second, we varied the threshold of change in political institutions in order to be defined as democratizing. That is, we earlier requested that the difference in Polity IV score be greater than, or equal to, 3 for a country to be considered democratizing. We examined whether this holds when the threshold is moved to 2 and to 4. Again, in both cases the results were remarkably similar in terms of substantive effects or significance levels, with a tendency to be stronger (again, mainly in our estimations of the effect of environmental aid).

Third, we estimated the models presented in this paper replacing the democratization variable by the difference (over three years) of the Polity IV score. This has the disadvantage of considering a country to be democratizing even if it improves its Polity IV score by one single unit over three years. However, it has the advantage of being more nuanced. In any case, our results generally hold for all models, although the interaction effects in Table A8 often lose significance levels.

Fourth, we used the recent dataset by Cheibub, Gandhi, and Vreeland (2010) on democracies to evaluate whether our findings were vulnerable to alternate democratization measurement. Their democracy variable is a dichotomous measure that requires the fulfillment of a number of conditions, such as the presence of elections at the legislative and executive level, and the legal existence of competitive political parties. We transform this variable by taking the first difference, which accounts for a democratization process. In fact, we generally find that the results either hold or are actually even stronger. For instance, we are able to replicate the results of Table 3 (from the article), except that now democratization is also significant (Table A33). With regard to the broad definition of environmental aid, we find that all three variables of interest have a significant and positive impact on the creation of ministries. Environmental aid defined more narrowly yields results that are less clear: while the domestic and international variable remain significant, the interaction disappears. Finally, our results hold for regional and global peer pressure, although the

significance levels fluctuate. Results for the Freedom House democracy measure are similar, with everything being robust except for the interaction in the narrow definition of environmental aid.

Another set of robustness checks pertains to the environmental aid variable. As we mention above, the median value for environmental aid is 0. To establish whether our results hold when aid recipients outliers are eliminated, we replicated Tables 4 (from the article) using only observations below the 90th percentile of environmental aid values (see Table A48 and following). Again, we globally find similar results than reported in this paper. The second test we performed on environmental aid is use other moving averages. The results reported above measure environmental aid as the average aid received between $t-1$ and $t+1$. The rationale is that the accounting of support to capacity building can precede or follow the creation of an environmental ministry. In the appendix, we report the results if we use a purely backward looking perspective: we use the average from $t-4$ to $t-1$. The results remain globally the same, especially when considering the broader definition of environmental aid. Finally, we also use the initial aid variable but lag it by one period (as well as the two other main independent variable, democratization and the interaction effect). Here again, the results generally hold.

We also added interactions between democratization and income per capita to account for the possibility that democratization's effect on ministry formation depends not only on international pressure but also on wealth levels. We found that this interaction has weak and inconsistent effects. More importantly, controlling for it does not compromise for any of our main results.

Next, we reanalyzed the models dropping OECD countries. The effects found in this paper might arguably be driven by wealthy and industrialized countries. We find that our generally results are robust to the removal of OECD countries. In fact, the results tend to be even more supportive of our theoretical expectations. This is the case in particular of the equivalent of Table 3 (from the article), where international pressure is captured in the post-Rio period. Furthermore, we find that environmental aid becomes a significant predictor of environmental ministries in the equivalent of Table 4 (from the article), although democratization tends to lose significance levels. The only adverse finding is that the results become cloudy for the replications of Table 5 (from the article). This may be explained by the strong signaling effect that OECD countries have. Removing them might indicate that peer pressure is not equally divided across countries.

We also added a dummy variable that identifies countries in the post-communism transition. This vari-

able takes a value of 1 in the years after the end of the communist regime in relevant countries. This mainly concerns Central and Eastern Europe, but also the post-Soviet republics in Central Asia. Adding this variable tends to strengthen our results. The point estimates are generally higher and statistically more significant, and not surprisingly, the post-communism country-year dummy is positive and significant.

As discussed above, our final robustness check was to include the different proxies of international pressure under a unified model. Specifically, we interacted our democratization measure with each of the three main pressure measures: the Rio years dummy, environmental aid inflows, and peer pressure. The results continue to hold, testifying to the validity of each proxy for international pressure.

A6 Figures

This section contains all figures for the empirical analysis.
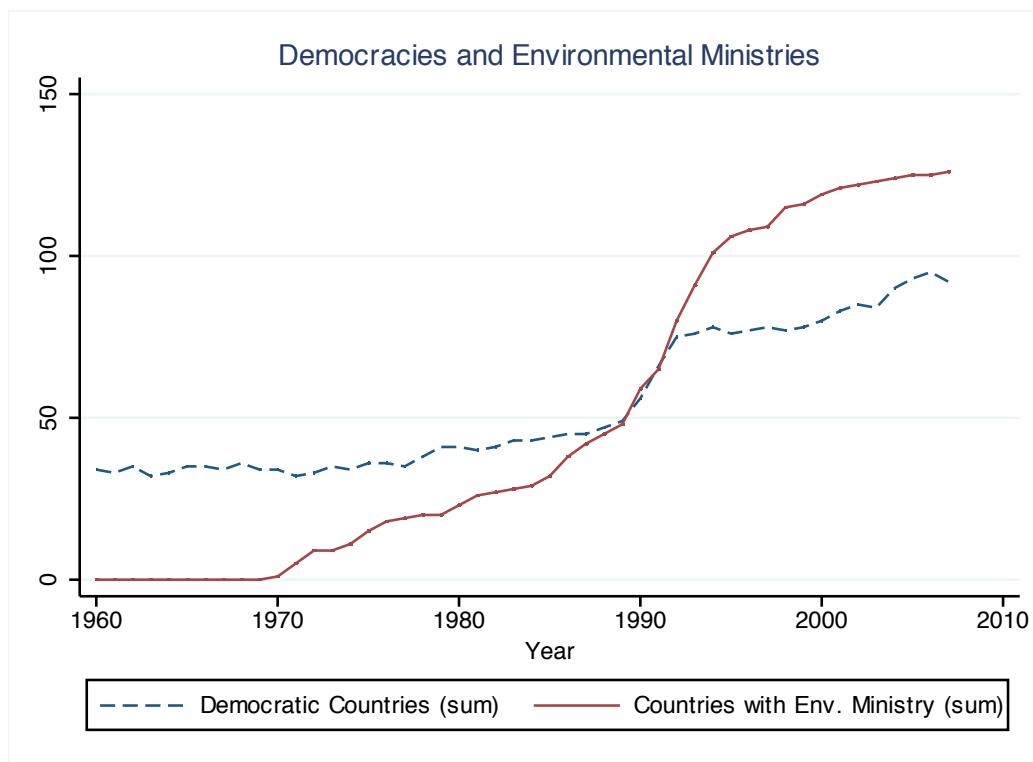
Figure A1: Democracies and environmental ministries.
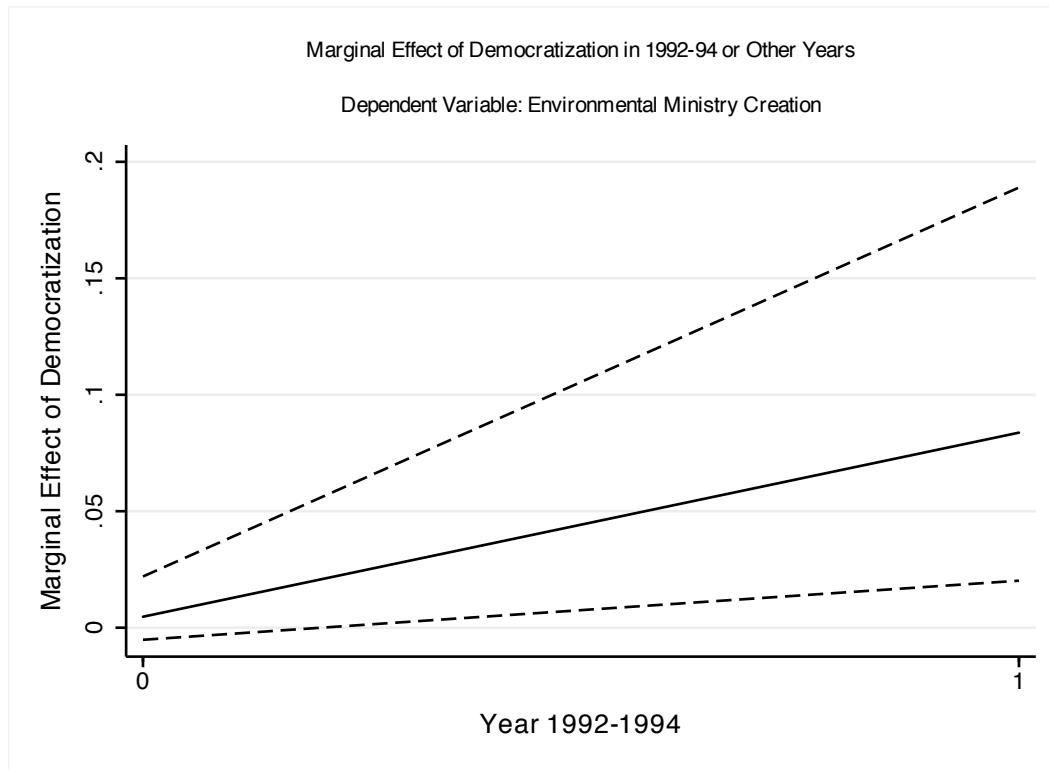
Figure A2: Marginal effect: international pressure.
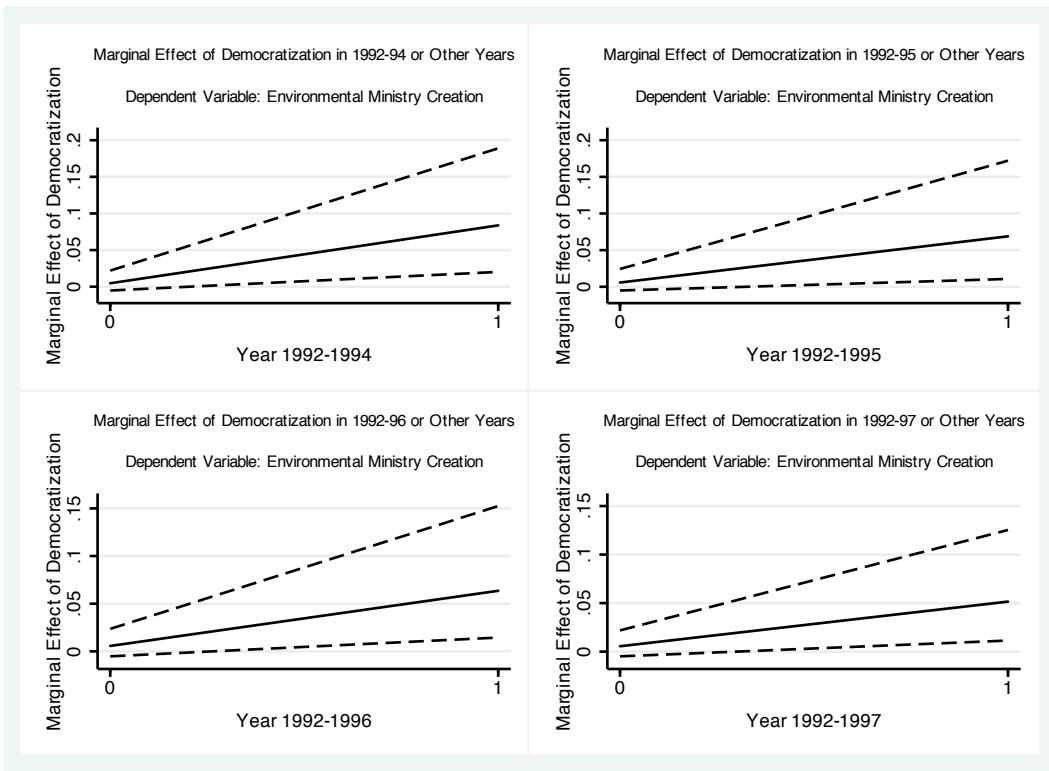
Figure A3: Marginal effect: international pressure (various years).
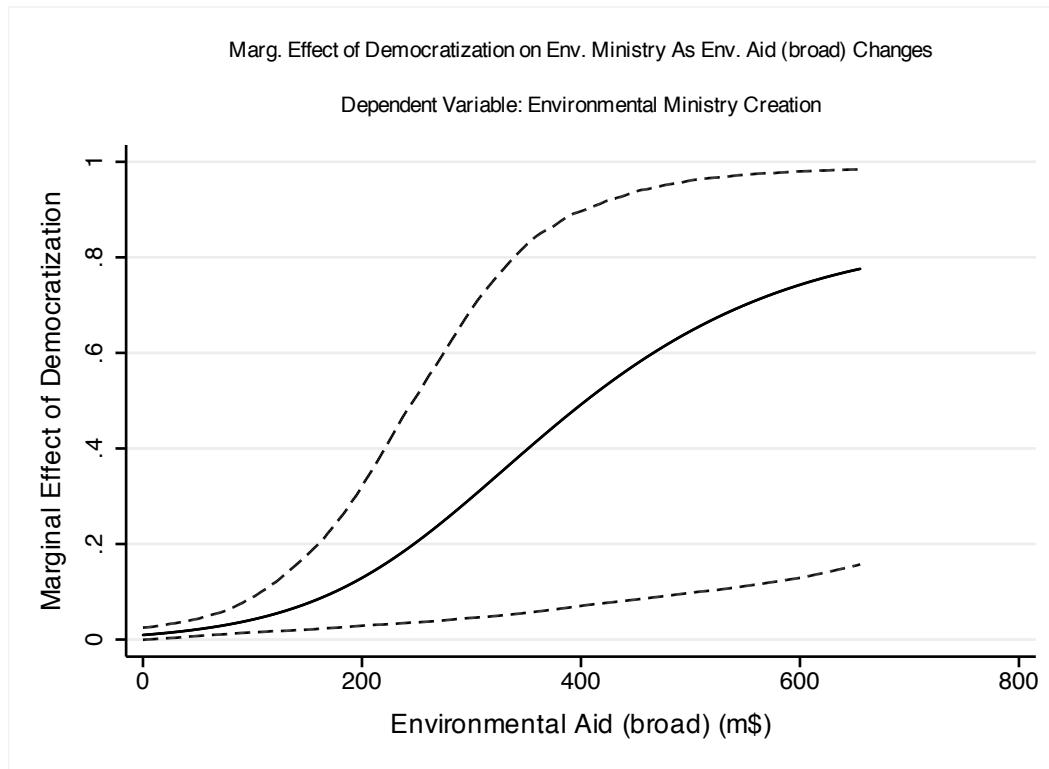
Figure A4: Marginal effect: environmental aid (broad).
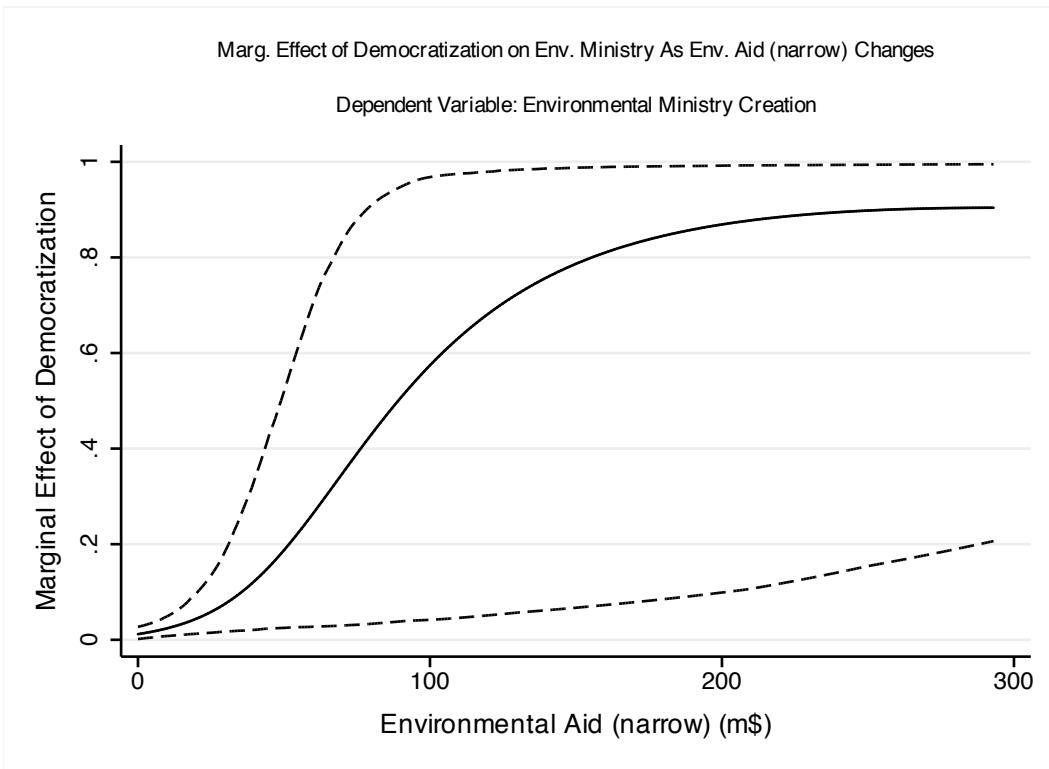
Figure A5: Marginal effect: environmental aid (narrow).
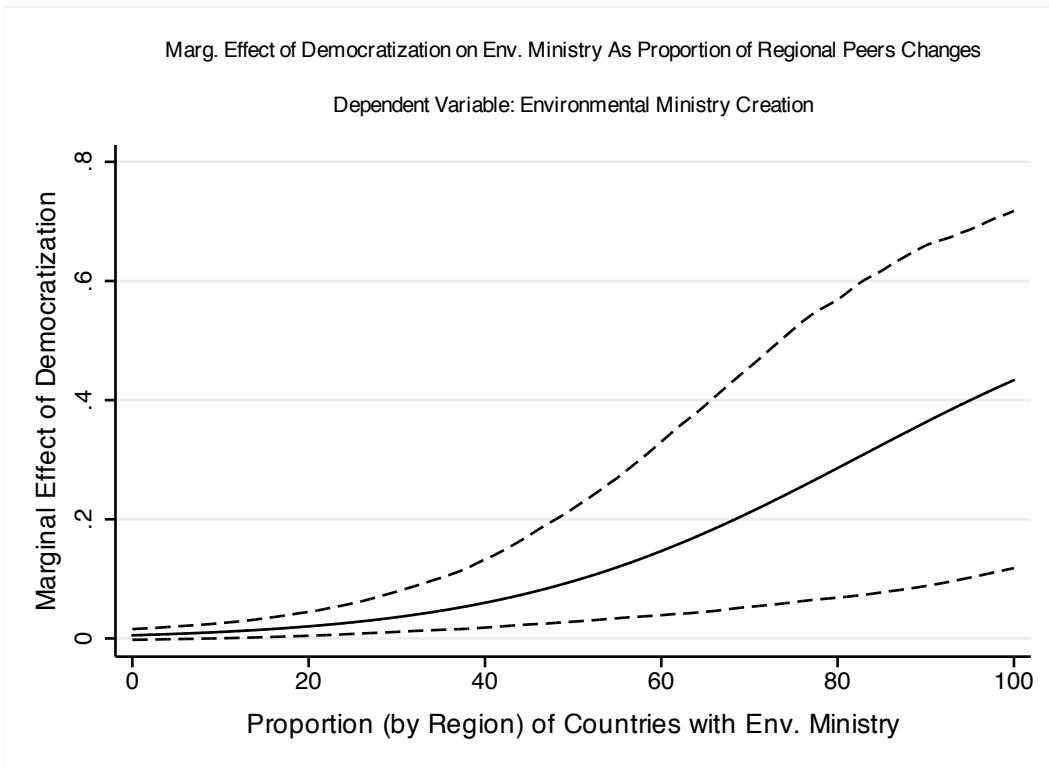
Figure A6: Marginal effect: regional peer pressure.
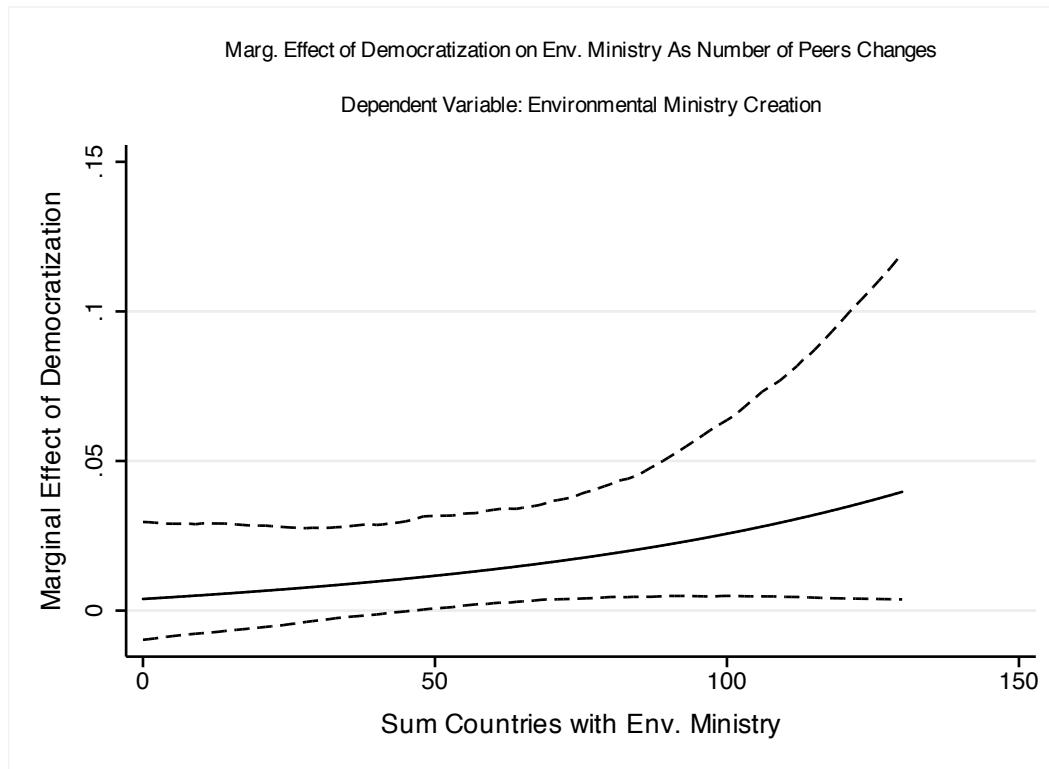
Figure A7: Marginal effect: global peer pressure.

A7   Tables

This section contains all tables for the empirical analysis. The first subsection presents the estimates for the table without interactive effects referred to in the main paper, additional statistical specifications of our main models, and an expanded correlation matrix that includes all interactions.

The next subsections present the results for all the robustness checks mentioned in the paper, starting with modifications of the democratization variable, followed by alternate environmental aid specification, and concluded with other robustness tests. In each table, we present the raw coefficients. For example, the marginal effect of environmental aid would therefore be β_{aid} without democratization and $\beta_{aid} + \beta_{aid*demo} * DEMO$. In almost every model of every table, this addition results in a larger combined coefficient, thus indicating that the tables support our empirical hypotheses. Notice that all Weibull models are missing when estimating the models that control for the 'green' civil society; the reason is that data limitations prevent these models from converging.

A7.1 Expanded Tables for Main Empirical Analysis

Table A1: Full Correlation Matrix

	1.	2.	3.	4.	5.	6.	7.	8.
1. Environmental Ministry (onset)	1.000							
2. Democratization (t - t-3)	0.075***	1.000						
3. Period 1992-1994	0.143***	0.131***	1.000					
4. Environmental Aid	0.043**	0.028	0.053**	1.000				
5. Regional Pressure	0.172***	0.112***	0.406***	0.077***	1.000			
6. Democr. * 92-94	0.143***	0.392***	0.459***	0.011	0.198***	1.000		
7. Democr. * Env. Aid	0.092***	0.355***	0.046**	0.255***	0.033*	0.138***	1.000	
8. Democr. Regional Pressure	0.136***	0.431***	0.151***	0.024	0.200***	0.349***	0.202***	1.000

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table A2: Domestic Factors

	(1) Weibull	(2) Weibull	(3) Logit	(4) Logit
Democratization (t - t-3)	0.684***	0.629**	0.874***	0.754***
	(0.259)	(0.273)	(0.263)	(0.282)
Period 1992-1994	1.070***	1.133***	1.733***	1.722***
	(0.245)	(0.252)	(0.241)	(0.252)
GDP per capita (K$)	0.007	-0.057**	0.013	-0.035*
	(0.013)	(0.025)	(0.013)	(0.021)
Pop. Density		0.001***		0.001***
		(0.000)		(0.000)
Trade Openness (% of GDP)		0.002		0.003
		(0.003)		(0.002)
Service sector (% of GDP)		0.006		0.003
		(0.009)		(0.009)
OECD Membership (real)		1.914***		1.520***
		(0.400)		(0.335)
Constant	-8.537***	-9.489***	-3.991***	-4.150***
	(0.960)	(1.359)	(0.134)	(0.484)
ln_p				
Constant	0.810***	0.871***		
	(0.117)	(0.140)		
Observations	3446	2729	3446	2729
χ^2	25.577	56.774	69.688	97.643
N Subject	139	134		
N Failures	96	94		

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A3: Survival Model – International Pressure

	(1) Rio	(2) Rio+	(3) Rio ++	(4) Rio to Kyoto
Democratization (t - t-3)	0.222	0.284	0.287	0.299
	(0.382)	(0.383)	(0.384)	(0.384)
Period 1992-1994	0.870***			
	(0.303)			
Democratization * 92-94	1.029*			
	(0.559)			
GDP per capita (K$)	-0.057**	-0.058**	-0.058**	-0.057**
	(0.025)	(0.025)	(0.025)	(0.025)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.002	0.002	0.002
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.007	0.007	0.007	0.007
	(0.009)	(0.009)	(0.009)	(0.009)
OECD Membership (real)	1.939***	1.933***	1.921***	1.926***
	(0.402)	(0.403)	(0.402)	(0.401)
Period 1992-1995		0.875***		
		(0.286)		
Democratization * 92-95		0.868		
		(0.547)		
Period 1992-1996			0.688**	
			(0.285)	
Democratization * 92-96			0.945*	
			(0.545)	
Period 1992-1997				0.543*
				(0.286)
Democratization * 92-97				0.953*
				(0.543)
Constant	-9.587***	-9.343***	-9.379***	-9.403***
	(1.359)	(1.373)	(1.374)	(1.379)
ln(p)				
	0.880***	0.848***	0.854***	0.862***
	(0.139)	(0.146)	(0.146)	(0.147)
Observations	2729	2729	2729	2729
χ^2	60.224	59.063	54.681	51.080
N Subject	134	134	134	134
N Failures	94 APP-22	94	94	94

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A4: Env. Aid (broad) and Democratization

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
Democratization (t - t-3)	0.573*	0.600**	0.585*	0.625*	0.625*
	(0.300)	(0.295)	(0.315)	(0.325)	(0.325)
Environmental Aid (broad, m$)	0.002	0.002	0.002	0.002	0.002
	(0.002)	(0.002)	(0.002)	(0.002)	(0.002)
Democratization * Environmental Aid	0.005	0.006	0.008**	0.009**	0.009**
	(0.004)	(0.004)	(0.004)	(0.004)	(0.004)
GDP per capita (K$)	-0.054**	-0.056**	-0.061**	-0.055**	-0.055**
	(0.025)	(0.024)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.003	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.005	0.004	0.005	0.004	0.003
	(0.009)	(0.009)	(0.010)	(0.009)	(0.009)
OECD Membership (real)	1.899***	1.966***	2.097***	1.996***	1.994***
	(0.399)	(0.391)	(0.445)	(0.400)	(0.400)
Lowess (Env. Ministries on Time)			71.730***		
			(12.952)		
Log Time				131.376***	
				(22.957)	
Squared Time					0.000***
					(0.000)
Constant		-10.503***	-5.994***	-1001.645***	-69.482***
		(1.301)	(0.662)	(174.329)	(11.434)
ln(p)					
		1.001***			
		(0.116)			
Observations	2729	2729	2729	2729	2729
χ^2	37.859	43.682	109.716	114.600	114.704
N Subject	134	134			
N Failures	94	94			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A5: Regional Peer Pressure and Democratization

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
Democratization (t - t-3)	0.278	0.403	0.394	0.425	0.425
	(0.345)	(0.329)	(0.309)	(0.311)	(0.311)
Regional Pressure	0.042***	0.025***	0.024***	0.041***	0.041***
	(0.013)	(0.009)	(0.008)	(0.013)	(0.013)
Regional Pressure * Democratization	0.018*	0.015*	0.021**	0.019**	0.019**
	(0.009)	(0.009)	(0.008)	(0.008)	(0.008)
GDP per capita (K$)	-0.052**	-0.057**	-0.062**	-0.054**	-0.054**
	(0.027)	(0.026)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	-0.000	0.001	0.001	-0.000	-0.000
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.010	0.008	0.009	0.009	0.009
	(0.009)	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.316***	1.580***	1.727***	1.391***	1.387***
	(0.443)	(0.420)	(0.401)	(0.386)	(0.386)
Lowess (Env. Ministries on Time)			32.307*		
			(16.784)		
Log Time				-25.073	
				(61.608)	
Squared Time					-0.000
					(0.000)
Constant		-7.337***	-5.547***	185.403	8.191
		(2.029)	(0.677)	(467.529)	(30.651)
ln(p)					
		0.524			
		(0.331)			
Observations	2604	2604	2604	2604	2604
χ^2	48.153	48.206	111.404	119.182	119.210
N Subject	134	134			
N Failures	92	92			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A6: Env. Aid (narrow) and Democratization

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.625**	0.680**	0.679**	0.722**	0.722**
	(0.285)	(0.280)	(0.296)	(0.308)	(0.308)
Environmental Aid (narrow, m$)	0.002	0.004	0.003	0.005	0.005
	(0.005)	(0.005)	(0.003)	(0.003)	(0.003)
Democratization * Env. Aid	0.014	0.015*	0.040**	0.051	0.051
	(0.009)	(0.009)	(0.018)	(0.045)	(0.045)
GDP per capita (K$)	-0.055**	-0.056**	-0.060**	-0.055**	-0.055**
	(0.025)	(0.025)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.005	0.004	0.006	0.004	0.004
	(0.009)	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.878***	1.925***	2.053***	1.942***	1.941***
	(0.401)	(0.391)	(0.432)	(0.383)	(0.383)
Lowess (Env. Ministries on Time)			70.145***		
			(12.921)		
Log Time				126.775***	
				(23.087)	
Squared Time					0.000***
					(0.000)
Constant		-10.346***	-5.927***	-966.669***	-67.151***
		(1.294)	(0.658)	(175.313)	(11.496)
ln_p					
Constant		0.988***			
		(0.118)			
Observations	2729	2729	2729	2729	2729
χ^2	37.093	43.147	106.489	100.242	100.278
N Subject	134.000	134.000			
N Failures	94.000	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A7: Global Peer Pressure and Democratization				
	(1)	(2)	(3)	(4)
	Weibull	Logit Lowess	Logit Log	Logit Square
main				
Democratization (t - t-3)	0.241	0.144	0.304	0.306
	(0.524)	(0.562)	(0.484)	(0.483)
Sum of Ministries (t-1)	-0.009	-0.002	-0.009	-0.009
	(0.006)	(0.004)	(0.010)	(0.010)
Sum Ministries * Democratization	0.008	0.010	0.008	0.008
	(0.007)	(0.008)	(0.007)	(0.007)
GDP per capita (K$)	-0.052**	-0.058**	-0.052**	-0.052**
	(0.024)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.004	0.005	0.004	0.004
	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.881***	2.025***	1.919***	1.917***
	(0.388)	(0.423)	(0.378)	(0.378)
Lowess (Env. Ministries on Time)		73.044***		
		(16.439)		
Log Time			195.077**	
			(83.307)	
Squared Time				0.000**
				(0.000)
Constant	-12.498***	-5.894***	-1484.882**	-101.048**
	(2.241)	(0.672)	(632.160)	(41.575)
ln_p				
Constant	1.229***			
	(0.201)			
Observations	2729	2729	2729	2729
χ^2	41.753	95.913	100.399	100.541
N Subject	134.000			
N Failures	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

A7.2 Changes in the Democratization Variable

Table A8: Survival Model – International Pressure: Raw Change in Polity Score

	(1) Rio	(2) Rio+	(3) Rio ++	(4) Rio to Kyoto
Democratization (t - t-3)	0.036 (0.033)	0.040 (0.034)	0.040 (0.034)	0.040 (0.034)
Period 1992-1994	0.931*** (0.288)			
Democratization * 92-94	0.077 (0.050)			
GDP per capita (K$)	-0.054** (0.025)	-0.056** (0.025)	-0.055** (0.025)	-0.055** (0.025)
Pop. Density	0.001*** (0.000)	0.001*** (0.000)	0.001*** (0.000)	0.001*** (0.000)
Trade Openness (% of GDP)	0.002 (0.003)	0.001 (0.003)	0.001 (0.003)	0.001 (0.003)
Service sector (% of GDP)	0.006 (0.009)	0.006 (0.009)	0.006 (0.009)	0.006 (0.009)
OECD Membership (real)	1.875*** (0.402)	1.865*** (0.403)	1.853*** (0.402)	1.856*** (0.401)
Period 1992-1995		0.912*** (0.275)		
Democratization * 92-95		0.072 (0.049)		
Period 1992-1996			0.728*** (0.276)	
Democratization * 92-96			0.077 (0.049)	
Period 1992-1997				0.575** (0.277)
Democratization * 92-97				0.085* (0.049)
Constant	-9.406*** (1.364)	-9.187*** (1.379)	-9.223*** (1.381)	-9.278*** (1.387)
ln(p)				
	0.871*** (0.141)	0.840*** (0.148)	0.846*** (0.148)	0.856*** (0.148)
Observations	2729	2729	2729	2729
χ^2	60.932	60.535	55.967	53.047
N Subject	134	134	134	134
N Failures	94	94	94	94

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A9: Env. Aid (broad) and Democratization: Raw Change in Polity Score

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.057**	0.066**	0.053*	0.064**	0.064**
	(0.028)	(0.029)	(0.031)	(0.032)	(0.032)
Environmental Aid (broad, m$)	0.001	0.001	0.002	0.002	0.002
	(0.002)	(0.002)	(0.002)	(0.002)	(0.002)
Democratization * Env. Aid	0.001*	0.001*	0.002**	0.002**	0.002**
	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)
GDP per capita (K$)	0.004	0.001	-0.061**	-0.056**	-0.056**
	(0.017)	(0.017)	(0.026)	(0.025)	(0.025)
Service sector (% of GDP)	0.004	0.003	0.005	0.004	0.004
	(0.009)	(0.009)	(0.009)	(0.009)	(0.009)
Trade Openness (% of GDP)	-0.002	-0.002	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
OECD Membership (real)			2.064***	1.959***	1.957***
			(0.458)	(0.422)	(0.422)
Lowess (Env. Ministries on Time)			71.865***		
			(13.162)		
Log Time				133.338***	
				(23.348)	
Squared Time					0.000***
					(0.000)
Constant		-8.997***	-5.970***	-1016.516***	-70.441***
		(1.210)	(0.661)	(177.310)	(11.633)
ln_p					
Constant		0.874***			
		(0.126)			
Observations	2729	2729	2729	2729	2729
χ^2	20.993	24.551	101.266	98.119	98.186
N Subject	134.000	134.000			
N Failures	94.000	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A10: Env. Aid (narrow) and Democratization: Raw Change in Polity Score

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.050*	0.058**	0.053*	0.063**	0.063**
	(0.028)	(0.028)	(0.030)	(0.031)	(0.031)
Environmental Aid (narrow, m$)	0.003	0.005	0.005*	0.006**	0.006**
	(0.005)	(0.004)	(0.003)	(0.003)	(0.003)
Democratization * Env. Aid	0.002**	0.002**	0.002***	0.002**	0.002**
	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)
GDP per capita (K$)	-0.053**	-0.057**	-0.062**	-0.057**	-0.057**
	(0.025)	(0.024)	(0.026)	(0.025)	(0.025)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.005	0.004	0.005	0.004	0.004
	(0.009)	(0.009)	(0.009)	(0.009)	(0.009)
OECD Membership (real)	1.818***	1.907***	2.059***	1.942***	1.940***
	(0.397)	(0.387)	(0.452)	(0.414)	(0.413)
Lowess (Env. Ministries on Time)			71.098***		
			(13.194)		
Log Time				130.903***	
				(23.462)	
Squared Time					0.000***
					(0.000)
Constant		-10.485***	-5.944***	-998.015***	-69.212***
		(1.319)	(0.661)	(178.174)	(11.690)
ln_p					
Constant		1.003***			
		(0.118)			
Observations	2729	2729	2729	2729	2729
χ^2	41.406	48.082	105.528	102.236	102.294
N Subject	134.000	134.000			
N Failures	94.000	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A11: Peer Pressure and Democratization: Raw Change in Polity Score

	(1) Weibull	(2) Logit Lowess	(3) Logit Log	(4) Logit Square
main				
Democratization (t - t-3)	-0.023	-0.036	-0.020	-0.020
	(0.053)	(0.039)	(0.035)	(0.035)
Sum of Ministries (t-1)	-0.001	-0.002	-0.010	-0.010
	(0.007)	(0.004)	(0.010)	(0.010)
Sum Ministries * Democratization	0.002**	0.002***	0.002***	0.002***
	(0.001)	(0.001)	(0.001)	(0.001)
GDP per capita (K$)	0.006	-0.054**	-0.049**	-0.049**
	(0.017)	(0.025)	(0.024)	(0.024)
Service sector (% of GDP)	0.003	0.005	0.002	0.002
	(0.009)	(0.010)	(0.010)	(0.010)
Trade Openness (% of GDP)	-0.002	0.002	0.002	0.002
	(0.003)	(0.003)	(0.003)	(0.003)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Lowess (Env. Ministries on Time)	72.761**	70.796***		
	(28.707)	(16.605)		
OECD Membership (real)		1.991***	1.913***	1.911***
		(0.419)	(0.379)	(0.378)
Log Time			198.513**	
			(85.000)	
Squared Time				0.000**
				(0.000)
Constant	-3.265	-5.750***	-1510.841**	-102.749**
	(5.375)	(0.664)	(645.011)	(42.430)
ln_p				
Constant	-0.703			
	(2.426)			
Observations	2729	2729	2729	2729
χ^2	34.521	111.860	113.059	113.132
N Subject	134.000			
N Failures	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A12: Regional Peer Pressure and Democratization: Raw Change in Polity Score

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	-0.009	-0.004	-0.022	-0.005	-0.005
	(0.050)	(0.047)	(0.035)	(0.035)	(0.035)
Regional Pressure	0.043***	0.023**	0.023***	0.040***	0.040***
	(0.013)	(0.010)	(0.008)	(0.013)	(0.013)
Regional Pressure * Democratization	0.002*	0.002**	0.003***	0.003***	0.003***
	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)
GDP per capita (K$)	-0.051*	-0.057**	-0.061**	-0.053**	-0.053**
	(0.026)	(0.026)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	-0.001	0.000	0.000	-0.000	-0.000
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.010	0.008	0.010	0.009	0.009
	(0.009)	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.278***	1.575***	1.701***	1.377***	1.373***
	(0.445)	(0.424)	(0.400)	(0.390)	(0.390)
Lowess (Env. Ministries on Time)			31.347*		
			(17.227)		
Log Time				-23.475	
				(63.392)	
Squared Time					-0.000
					(0.000)
Constant		-7.376***	-5.462***	173.325	7.451
		(2.039)	(0.676)	(481.066)	(31.529)
ln_p					
Constant		0.541			
		(0.330)			
Observations	2606	2606	2606	2606	2606
χ^2	50.402	51.847	115.669	121.844	121.872
N Subject	134.000	134.000			
N Failures	92.000	92.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

	(1) Rio	(2) Rio+	(3) Rio ++	(4) Rio to Kyoto
_t				
Democratization (t - t-1)	0.350	0.373	0.422	0.418
	(0.518)	(0.519)	(0.519)	(0.519)
Period 1992-1994	1.063***			
	(0.263)			
Democratization * 92-94	1.018			
	(0.692)			
GDP per capita (K$)	-0.051**	-0.052**	-0.052**	-0.052**
	(0.024)	(0.024)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.001	0.001	0.001
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.005	0.005	0.005	0.005
	(0.009)	(0.009)	(0.009)	(0.009)
OECD Membership (real)	1.825***	1.814***	1.802***	1.806***
	(0.399)	(0.400)	(0.399)	(0.398)
Period 1992-1995		1.017***		
		(0.257)		
Democratization * 92-95		1.086		
		(0.688)		
Period 1992-1996			0.855***	
			(0.258)	
Democratization * 92-96			0.886	
			(0.688)	
Period 1992-1997				0.706***
				(0.261)
Democratization * 92-97				0.964
				(0.688)
Constant	-9.362***	-9.132***	-9.118***	-9.156***
	(1.338)	(1.352)	(1.353)	(1.359)
ln_p				
Constant	0.872***	0.840***	0.841***	0.849***
	(0.139)	(0.146)	(0.147)	(0.147)
Observations	2770	2770	2770	2770
χ^2	59.882	59.986	52.998	49.282
N Subject	138.000	138.000	138.000	138.000
N Failures	97.000	97.000	97.000	97.000

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A14: Env. Aid (broad) and Democratization: Democratization t-1 to t

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-1)	0.702*	0.717*	0.652	0.692	0.693
	(0.384)	(0.379)	(0.428)	(0.429)	(0.429)
Environmental Aid (broad, m$)	0.001	0.000	0.001	0.002	0.002
	(0.002)	(0.002)	(0.002)	(0.002)	(0.002)
Democratization * Env. Aid (av, broad)	0.005	0.006	0.012*	0.012*	0.012*
	(0.004)	(0.004)	(0.007)	(0.007)	(0.007)
GDP per capita (K$)	0.005	0.002	-0.055**	-0.050**	-0.050**
	(0.016)	(0.016)	(0.024)	(0.024)	(0.024)
Service sector (% of GDP)	0.003	0.002	0.004	0.002	0.002
	(0.008)	(0.008)	(0.009)	(0.009)	(0.009)
Trade Openness (% of GDP)	-0.002	-0.002	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
OECD Membership (real)			1.980***	1.889***	1.887***
			(0.428)	(0.384)	(0.383)
Lowess (Env. Ministries on Time)			73.751***		
			(12.720)		
Log Time				133.891***	
				(22.120)	
Squared Time					0.000***
					(0.000)
Constant			-9.081***	-5.910***	-1020.574***	-70.565***
			(1.173)	(0.640)	(167.983)	(11.024)
ln_p					
Constant		0.896***			
		(0.119)			
Observations	2770	2770	2770	2770	2770
χ^2	16.222	18.957	102.458	108.897	109.016
N Subject	138.000	138.000			
N Failures	97.000	97.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A15: Env. Aid (narrow) and Democratization: Democratization t-1 to t

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-1)	0.766**	0.820**	0.832**	0.880**	0.880**
	(0.365)	(0.357)	(0.380)	(0.381)	(0.381)
Environmental Aid (narrow, m$)	0.002	0.003	0.003	0.004	0.004
	(0.005)	(0.005)	(0.003)	(0.003)	(0.003)
Democratization * Env. Aid (av, narrow)	0.013	0.013	0.030***	0.033***	0.033***
	(0.010)	(0.009)	(0.011)	(0.011)	(0.011)
GDP per capita (K$)	-0.049**	-0.051**	-0.054**	-0.049**	-0.049**
	(0.024)	(0.024)	(0.024)	(0.023)	(0.023)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.002	0.002	0.002	0.002
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.005	0.003	0.004	0.003	0.003
	(0.009)	(0.009)	(0.009)	(0.009)	(0.009)
OECD Membership (real)	1.765***	1.824***	1.939***	1.832***	1.830***
	(0.401)	(0.389)	(0.422)	(0.375)	(0.375)
Lowess (Env. Ministries on Time)			72.890***		
			(12.732)		
Log Time				130.791***	
				(22.184)	
Squared Time					0.000***
					(0.000)
Constant			-10.364***	-5.860***	-997.001***	-68.983***
			(1.270)	(0.637)	(168.462)	(11.049)
ln_p					
Constant		1.005***			
		(0.114)			
Observations	2770	2770	2770	2770	2770
χ^2	34.396	39.585	131.413	140.353	140.513
N Subject	138.000	138.000			
N Failures	97.000	97.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A16: Peer Pressure and Democratization: Democratization t-1 to t

	(1) Weibull	(2) Logit Lowess	(3) Logit Log	(4) Logit Square
main				
Democratization (t - t-1)	-0.551	-0.580	-0.322	-0.320
	(0.901)	(0.756)	(0.638)	(0.638)
Sum of Ministries (t-1)	-0.001	-0.003	-0.011	-0.012
	(0.007)	(0.004)	(0.009)	(0.009)
Sum Ministries * Democratization	0.020*	0.023***	0.021***	0.021***
	(0.011)	(0.009)	(0.008)	(0.008)
GDP per capita (K$)	0.007	-0.050**	-0.046**	-0.046**
	(0.016)	(0.025)	(0.023)	(0.023)
Service sector (% of GDP)	0.003	0.004	0.002	0.002
	(0.009)	(0.009)	(0.009)	(0.009)
Trade Openness (% of GDP)	-0.002	0.002	0.002	0.002
	(0.003)	(0.003)	(0.003)	(0.003)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Lowess (Env. Ministries on Time)	87.417***	77.720***		
	(28.752)	(16.453)		
OECD Membership (real)		1.905***	1.826***	1.825***
		(0.414)	(0.372)	(0.371)
Log Time			215.106***	
			(81.086)	
Squared Time				0.000***
				(0.000)
Constant	-1.270	-5.801***	-1636.694***	-110.915***
	(10.992)	(0.644)	(615.323)	(40.469)
ln_p				
Constant	-1.922			
	(8.099)			
Observations	2770	2770	2770	2770
χ^2	31.715	101.603	105.788	105.956
N Subject	138.000			
N Failures	97.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A17: Regional Peer Pressure and Democratization: Democratization t-1 to t

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-1)	-0.712	-0.171	-0.498	-0.318	-0.317
	(0.976)	(0.820)	(0.699)	(0.650)	(0.650)
Regional Pressure	0.043***	0.027***	0.024***	0.044***	0.045***
	(0.012)	(0.009)	(0.007)	(0.013)	(0.013)
Regional Pressure * Democratization	0.036*	0.024	0.036***	0.031**	0.031**
	(0.020)	(0.017)	(0.013)	(0.012)	(0.012)
GDP per capita (K$)	-0.046*	-0.052**	-0.056**	-0.047**	-0.047**
	(0.026)	(0.025)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	-0.001	-0.000	0.000	-0.001	-0.001
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.009	0.007	0.008	0.007	0.007
	(0.009)	(0.009)	(0.010)	(0.009)	(0.009)
OECD Membership (real)	1.210***	1.466***	1.632***	1.263***	1.258***
	(0.440)	(0.418)	(0.404)	(0.394)	(0.395)
Lowess (Env. Ministries on Time)			33.048**		
			(16.645)		
Log Time				-38.572	
				(60.902)	
Squared Time					-0.000
					(0.000)
Constant			-6.903***	-5.400***	288.003	15.118
			(1.994)	(0.653)	(462.176)	(30.308)
ln_p					
Constant		0.472			
		(0.342)			
Observations	2647	2647	2647	2647	2647
χ^2	48.500	46.246	119.325	128.172	128.205
N Subject	138.000	138.000			
N Failures	95.000	95.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A18: Survival Model – International Pressure: Democratization t-5 to t

	(1) Rio	(2) Rio+	(3) Rio ++	(4) Rio to Kyoto
_t				
Democratization (t - t-5)	0.427	0.432	0.495*	0.508*
	(0.276)	(0.276)	(0.270)	(0.271)
Period 1992-1994	0.880***			
	(0.287)			
Democratization * 92-94	1.199**			
	(0.510)			
GDP per capita (K$)	-0.056**	-0.057**	-0.056**	-0.056**
	(0.025)	(0.025)	(0.025)	(0.025)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.002	0.002	0.002
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.007	0.007	0.007	0.007
	(0.010)	(0.010)	(0.009)	(0.009)
OECD Membership (real)	1.919***	1.915***	1.901***	1.903***
	(0.402)	(0.404)	(0.402)	(0.400)
Period 1992-1995		0.887***		
		(0.273)		
Democratization * 92-95		1.238**		
		(0.501)		
Period 1992-1996			0.712***	
			(0.273)	
Democratization * 92-96			1.101**	
			(0.492)	
Period 1992-1997				0.558**
				(0.274)
Democratization * 92-97				1.168**
				(0.491)
Constant	-9.518***	-9.269***	-9.288***	-9.354***
	(1.372)	(1.389)	(1.389)	(1.396)
ln_p				
Constant	0.866***	0.833***	0.835***	0.846***
	(0.142)	(0.149)	(0.150)	(0.150)
Observations	2680	2680	2680	2680
χ^2	59.362	60.704	55.136	52.238
N Subject	132.000	132.000	132.000	132.000
N Failures	92.000	92.000	92.000	92.000

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A19: Env. Aid (broad) and Democratization: Democratization t-5 to t

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-5)	0.584**	0.658**	0.648**	0.721**	0.722**
	(0.273)	(0.270)	(0.279)	(0.288)	(0.288)
Environmental Aid (broad, m$)	0.001	0.001	0.002	0.002	0.002
	(0.002)	(0.002)	(0.002)	(0.002)	(0.002)
Democratization * Env. Aid (av, broad)	0.001	0.002	0.002	0.003	0.003
	(0.004)	(0.004)	(0.002)	(0.002)	(0.002)
GDP per capita (K$)	0.005	0.002	-0.061**	-0.056**	-0.056**
	(0.018)	(0.018)	(0.026)	(0.025)	(0.025)
Service sector (% of GDP)	0.005	0.005	0.007	0.005	0.005
	(0.009)	(0.009)	(0.010)	(0.010)	(0.010)
Trade Openness (% of GDP)	-0.002	-0.002	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
OECD Membership (real)			2.087***	1.989***	1.988***
			(0.447)	(0.403)	(0.402)
Lowess (Env. Ministries on Time)			68.871***		
			(13.151)		
Log Time				126.416***	
				(23.615)	
Squared Time					0.000***
					(0.000)
Constant			-8.890***	-6.061***	-964.124***	-67.161***
			(1.211)	(0.680)	(179.331)	(11.765)
ln_p					
Constant		0.840***			
		(0.130)			
Observations	2682	2682	2682	2682	2682
χ^2	15.044	19.450	107.432	112.562	112.663
N Subject	132.000	132.000			
N Failures	92.000	92.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A20: Env. Aid (narrow) and Democratization: Democratization t-5 to t

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-5)	0.613**	0.693***	0.693**	0.770***	0.770***
	(0.262)	(0.258)	(0.272)	(0.280)	(0.280)
Environmental Aid (narrow, m$)	0.004	0.005	0.005	0.006*	0.006*
	(0.005)	(0.005)	(0.003)	(0.003)	(0.003)
Democratization * Env. Aid (av, narrow)	0.003	0.005	0.004	0.006	0.006
	(0.009)	(0.009)	(0.005)	(0.004)	(0.004)
GDP per capita (K$)	-0.055**	-0.057**	-0.062**	-0.056**	-0.056**
	(0.026)	(0.025)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.003	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.007	0.006	0.008	0.006	0.006
	(0.010)	(0.010)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.871***	1.919***	2.053***	1.940***	1.938***
	(0.401)	(0.392)	(0.434)	(0.388)	(0.388)
Lowess (Env. Ministries on Time)			67.932***		
			(13.213)		
Log Time				122.990***	
				(23.845)	
Squared Time					0.000***
					(0.000)
Constant			-10.319***	-6.036***	-938.101***	-65.437***
			(1.313)	(0.674)	(181.069)	(11.875)
ln_p					
Constant		0.968***			
		(0.122)			
Observations	2682	2682	2682	2682	2682
χ^2	35.440	42.450	112.776	129.971	130.177
N Subject	132.000	132.000			
N Failures	92.000	92.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

	(1)	(2)	(3)	(4)
	Weibull	Logit Lowess	Logit Log	Logit Square
main				
Democratization (t - t-5)	0.071	0.048	0.204	0.206
	(0.534)	(0.563)	(0.497)	(0.496)
Sum of Ministries (t-1)	-0.002	-0.003	-0.012	-0.012
	(0.007)	(0.005)	(0.010)	(0.010)
Sum Ministries * Democratization	0.009	0.011	0.010	0.010
	(0.007)	(0.008)	(0.007)	(0.007)
GDP per capita (K$)	0.005	-0.058**	-0.052**	-0.051**
	(0.018)	(0.026)	(0.024)	(0.024)
Service sector (% of GDP)	0.006	0.007	0.005	0.005
	(0.009)	(0.010)	(0.010)	(0.010)
Trade Openness (% of GDP)	-0.002	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Lowess (Env. Ministries on Time)	72.829**	71.230***		
	(28.895)	(16.941)		
OECD Membership (real)		2.033***	1.936***	1.934***
		(0.424)	(0.384)	(0.384)
Log Time			205.019**	
			(86.416)	
Squared Time				0.000**
				(0.000)
Constant	-3.235	-5.919***	-1560.385**	-106.235**
	(5.584)	(0.679)	(655.734)	(43.110)
ln_p				
Constant	-0.776			
	(2.621)			
Observations	2682	2682	2682	2682
χ^2	28.415	96.072	100.156	100.273
N Subject	132.000			
N Failures	92.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A21: Peer Pressure and Democratization: Democratization t-5 to t

Table A22: Regional Peer Pressure and Democratization: Democratization t-5 to t

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-5)	0.422	0.442	0.445	0.483*	0.483*
	(0.283)	(0.283)	(0.276)	(0.283)	(0.283)
Regional Pressure	0.044***	0.024**	0.024***	0.041***	0.041***
	(0.013)	(0.010)	(0.008)	(0.013)	(0.013)
Regional Pressure * Democratization	0.017**	0.016**	0.021***	0.020**	0.020**
	(0.008)	(0.008)	(0.008)	(0.008)	(0.008)
GDP per capita (K$)	-0.053*	-0.058**	-0.064**	-0.055**	-0.055**
	(0.027)	(0.026)	(0.026)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	-0.000	0.001	0.001	0.000	0.000
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.012	0.010	0.012	0.011	0.011
	(0.010)	(0.009)	(0.011)	(0.010)	(0.010)
OECD Membership (real)	1.277***	1.584***	1.727***	1.383***	1.379***
	(0.447)	(0.423)	(0.403)	(0.391)	(0.391)
Lowess (Env. Ministries on Time)			30.654*		
			(17.015)		
Log Time				-28.569	
				(62.721)	
Squared Time					-0.000
					(0.000)
Constant			-7.385***	-5.655***	211.791	9.796
			(2.060)	(0.694)	(475.973)	(31.206)
ln_p					
Constant		0.510			
		(0.340)			
Observations	2557	2557	2557	2557	2557
χ^2	49.850	49.322	109.503	115.763	115.777
N Subject	132.000	132.000			
N Failures	90.000	90.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A23: Survival Model – International Pressure: Δ Polity > 4 Requirement

	(1) Rio	(2) Rio+	(3) Rio ++	(4) Rio to Kyoto
_t				
Democratization (t - t-3)	0.237	0.289	0.296	0.303
	(0.405)	(0.407)	(0.407)	(0.407)
Period 1992-1994	0.854***			
	(0.302)			
Democratization * 92-94	1.109*			
	(0.575)			
GDP per capita (K$)	-0.056**	-0.057**	-0.056**	-0.056**
	(0.025)	(0.025)	(0.025)	(0.025)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.002	0.002	0.002
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.007	0.007	0.007	0.006
	(0.009)	(0.009)	(0.009)	(0.009)
OECD Membership (real)	1.928***	1.916***	1.905***	1.908***
	(0.403)	(0.404)	(0.403)	(0.402)
Period 1992-1995		0.851***		
		(0.285)		
Democratization * 92-95		1.011*		
		(0.563)		
Period 1992-1996			0.668**	
			(0.285)	
Democratization * 92-96			1.071*	
			(0.561)	
Period 1992-1997				0.520*
				(0.286)
Democratization * 92-97				1.102**
				(0.560)
Constant	-9.552***	-9.313***	-9.345***	-9.381***
	(1.359)	(1.373)	(1.375)	(1.381)
ln_p				
Constant	0.878***	0.846***	0.852***	0.861***
	(0.140)	(0.147)	(0.147)	(0.147)
Observations	2729	2729	2729	2729
χ^2	61.363	60.804	56.328	52.974
N Subject	134.000	134.000	134.000	134.000
N Failures	94.000	94.000	94.000	94.000

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A24: Env. Aid (broad) and Democratization: Δ Polity > 4 Requirement

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.629**	0.670**	0.576*	0.633*	0.634*
	(0.307)	(0.300)	(0.346)	(0.354)	(0.354)
Environmental Aid (broad, m$)	0.002	0.002	0.001	0.002	0.002
	(0.002)	(0.002)	(0.002)	(0.002)	(0.002)
Democratization * Env. Aid	0.006	0.007*	0.017**	0.016**	0.016**
	(0.004)	(0.004)	(0.008)	(0.008)	(0.008)
GDP per capita (K$)	-0.053**	-0.055**	-0.060**	-0.054**	-0.054**
	(0.025)	(0.024)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.003	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.005	0.004	0.005	0.004	0.004
	(0.009)	(0.009)	(0.010)	(0.009)	(0.009)
OECD Membership (real)	1.865***	1.928***	2.070***	1.958***	1.956***
	(0.398)	(0.391)	(0.450)	(0.410)	(0.409)
Lowess (Env. Ministries on Time)			71.471***		
			(13.015)		
Log Time				130.209***	
				(22.997)	
Squared Time					0.000***
					(0.000)
Constant		-10.401***	-5.989***	-992.777***	-68.896***
		(1.300)	(0.666)	(174.635)	(11.456)
ln_p					
Constant		0.993***			
		(0.117)			
Observations	2729	2729	2729	2729	2729
χ^2	39.904	45.882	96.854	97.955	98.019
N Subject	134.000	134.000			
N Failures	94.000	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A25: Env. Aid (narrow) and Democratization: Δ Polity > 4 Requirement

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.700**	0.757***	0.767**	0.815**	0.815**
	(0.293)	(0.286)	(0.303)	(0.319)	(0.319)
Environmental Aid (narrow, m$)	0.002	0.004	0.003	0.004	0.005
	(0.005)	(0.005)	(0.003)	(0.003)	(0.003)
Democratization * Env. Aid	0.013	0.015	0.041*	0.053	0.053
	(0.009)	(0.009)	(0.022)	(0.054)	(0.055)
GDP per capita (K$)	-0.053**	-0.055**	-0.059**	-0.054**	-0.053**
	(0.025)	(0.024)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.005	0.004	0.005	0.004	0.004
	(0.009)	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.852***	1.895***	2.027***	1.912***	1.910***
	(0.401)	(0.390)	(0.431)	(0.384)	(0.383)
Lowess (Env. Ministries on Time)			69.683***		
			(12.914)		
Log Time				125.381***	
				(23.122)	
Squared Time					0.000***
					(0.000)
Constant		-10.289***	-5.911***	-956.082***	-66.449***
		(1.295)	(0.659)	(175.573)	(11.513)
ln_p					
Constant		0.982***			
		(0.118)			
Observations	2729	2729	2729	2729	2729
χ^2	37.855	44.001	101.820	98.050	98.105
N Subject	134.000	134.000			
N Failures	94.000	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A26: Peer Pressure and Democratization: Δ Polity > 4 Requirement

	(1) Weibull	(2) Logit Lowess	(3) Logit Log	(4) Logit Square
main				
Democratization (t - t-3)	0.131	-0.032	0.211	0.213
	(0.560)	(0.569)	(0.499)	(0.499)
Sum of Ministries (t-1)	-0.009	-0.003	-0.010	-0.010
	(0.006)	(0.004)	(0.010)	(0.010)
Sum Ministries * Democratization	0.011	0.014*	0.011	0.011
	(0.007)	(0.008)	(0.007)	(0.007)
GDP per capita (K\$)	-0.050**	-0.056**	-0.050**	-0.050**
	(0.024)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.004	0.005	0.003	0.003
	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.867***	2.012***	1.902***	1.901***
	(0.390)	(0.421)	(0.377)	(0.377)
Lowess (Env. Ministries on Time)		73.817***		
		(16.375)		
Log Time			195.312**	
			(83.053)	
Squared Time				0.000**
				(0.000)
Constant	-12.496***	-5.861***	-1486.630**	-101.105**
	(2.239)	(0.675)	(630.242)	(41.462)
ln_p				
Constant	1.233***			
	(0.200)			
Observations	2729	2729	2729	2729
χ^2	43.683	97.696	100.493	100.616
N Subject	134.000			
N Failures	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A27: Regional Peer Pressure and Democratization: Δ Polity > 4 Requirement

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.050	0.150	0.015	0.186	0.187
	(0.676)	(0.610)	(0.580)	(0.550)	(0.550)
Regional Pressure	0.042***	0.024**	0.023***	0.040***	0.040***
	(0.013)	(0.010)	(0.008)	(0.013)	(0.013)
Regional Pressure * Democratization	0.016	0.016	0.022*	0.018	0.018
	(0.015)	(0.014)	(0.013)	(0.012)	(0.012)
GDP per capita (K$)	-0.051*	-0.056**	-0.061**	-0.053**	-0.053**
	(0.027)	(0.026)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	-0.000	0.001	0.001	-0.000	-0.000
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.010	0.008	0.009	0.009	0.009
	(0.009)	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.312***	1.577***	1.730***	1.387***	1.383***
	(0.446)	(0.424)	(0.404)	(0.392)	(0.392)
Lowess (Env. Ministries on Time)			32.753*		
			(17.031)		
Log Time				-24.544	
				(62.498)	
Squared Time					-0.000
					(0.000)
Constant			-7.324***	-5.508***	181.412	7.961
			(2.030)	(0.684)	(474.273)	(31.082)
ln_p					
Constant		0.526			
		(0.332)			
Observations	2606	2606	2606	2606	2606
χ^2	46.890	47.728	106.380	115.421	115.463
N Subject	134.000	134.000			
N Failures	92.000	92.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A28: Survival Model – International Pressure: Δ Polity > 2 Requirement

	(1) Rio	(2) Rio+	(3) Rio ++	(4) Rio to Kyoto
_t				
Democratization (t - t-3)	0.214	0.284	0.294	0.305
	(0.352)	(0.353)	(0.354)	(0.354)
Period 1992-1994	0.844***			
	(0.312)			
Democratization * 92-94	0.992*			
	(0.533)			
GDP per capita (K$)	-0.056**	-0.057**	-0.057**	-0.057**
	(0.025)	(0.025)	(0.025)	(0.025)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.002	0.002	0.002
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.007	0.008	0.008	0.007
	(0.009)	(0.009)	(0.009)	(0.009)
OECD Membership (real)	1.931***	1.910***	1.899***	1.901***
	(0.402)	(0.402)	(0.401)	(0.400)
Period 1992-1995		0.870***		
		(0.293)		
Democratization * 92-95		0.779		
		(0.520)		
Period 1992-1996			0.688**	
			(0.292)	
Democratization * 92-96			0.819	
			(0.517)	
Period 1992-1997				0.544*
				(0.293)
Democratization * 92-97				0.830
				(0.515)
Constant	-9.567***	-9.320***	-9.351***	-9.385***
	(1.360)	(1.374)	(1.375)	(1.381)
ln_p				
Constant	0.877***	0.842***	0.847***	0.855***
	(0.140)	(0.147)	(0.148)	(0.148)
Observations	2729	2729	2729	2729
χ^2	60.096	58.532	53.844	50.289
N Subject	134.000	134.000	134.000	134.000
N Failures	94.000	94.000	94.000	94.000

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A29: Env. Aid (broad) and Democratization: Δ Polity > 2 Requirement

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.500*	0.534*	0.502*	0.574*	0.575*
	(0.287)	(0.282)	(0.301)	(0.306)	(0.306)
Environmental Aid (broad, m$)	0.002	0.002	0.002	0.002	0.002
	(0.002)	(0.002)	(0.002)	(0.002)	(0.002)
Democratization * Env. Aid	0.005	0.006*	0.009**	0.009**	0.009**
	(0.004)	(0.004)	(0.004)	(0.004)	(0.004)
GDP per capita (K$)	-0.052**	-0.053**	-0.058**	-0.053**	-0.053**
	(0.025)	(0.024)	(0.026)	(0.025)	(0.025)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.003	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.005	0.004	0.005	0.004	0.004
	(0.009)	(0.009)	(0.009)	(0.009)	(0.009)
OECD Membership (real)	1.850***	1.917***	2.054***	1.962***	1.960***
	(0.395)	(0.387)	(0.457)	(0.411)	(0.410)
Lowess (Env. Ministries on Time)			70.499***		
			(12.936)		
Log Time				129.381***	
				(23.037)	
Squared Time					0.000***
					(0.000)
Constant		-10.403***	-5.977***	-986.520***	-68.517***
		(1.296)	(0.656)	(174.934)	(11.470)
ln_p					
Constant		0.989***			
		(0.118)			
Observations	2729	2729	2729	2729	2729
χ^2	37.650	43.577	116.955	122.518	122.613
N Subject	134.000	134.000			
N Failures	94.000	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A30: Env. Aid (narrow) and Democratization: Δ Polity > 2 Requirement

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.561**	0.625**	0.610**	0.687**	0.688**
	(0.272)	(0.267)	(0.282)	(0.287)	(0.287)
Environmental Aid (narrow, m$)	0.002	0.004	0.004	0.005	0.005
	(0.005)	(0.005)	(0.003)	(0.003)	(0.003)
Democratization * Env. Aid	0.014	0.015*	0.036***	0.044*	0.044*
	(0.009)	(0.009)	(0.014)	(0.023)	(0.023)
GDP per capita (K$)	-0.052**	-0.053**	-0.058**	-0.052**	-0.052**
	(0.025)	(0.024)	(0.026)	(0.025)	(0.025)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.006	0.004	0.006	0.004	0.004
	(0.009)	(0.009)	(0.009)	(0.009)	(0.009)
OECD Membership (real)	1.822***	1.871***	2.007***	1.903***	1.902***
	(0.395)	(0.385)	(0.445)	(0.394)	(0.394)
Lowess (Env. Ministries on Time)			68.884***		
			(12.911)		
Log Time				124.534***	
				(23.184)	
Squared Time					0.000***
					(0.000)
Constant		-10.239***	-5.912***	-949.683***	-66.065***
		(1.289)	(0.651)	(176.046)	(11.542)
ln_p					
Constant		0.974***			
		(0.119)			
Observations	2729	2729	2729	2729	2729
χ^2	36.597	42.831	119.702	112.741	112.755
N Subject	134.000	134.000			
N Failures	94.000	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A31: Peer Pressure and Democratization: Δ Polity > 2 Requirement

	(1) Weibull	(2) Logit Lowess	(3) Logit Log	(4) Logit Square
main				
Democratization (t - t-3)	0.243	0.161	0.347	0.349
	(0.499)	(0.544)	(0.458)	(0.457)
Sum of Ministries (t-1)	-0.008	-0.002	-0.008	-0.008
	(0.006)	(0.004)	(0.010)	(0.010)
Sum Ministries * Democratization	0.007	0.009	0.007	0.007
	(0.007)	(0.008)	(0.007)	(0.007)
GDP per capita (K$)	-0.049**	-0.055**	-0.049**	-0.049**
	(0.024)	(0.026)	(0.025)	(0.025)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.004	0.006	0.004	0.004
	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.813***	1.968***	1.863***	1.862***
	(0.382)	(0.435)	(0.390)	(0.389)
Lowess (Env. Ministries on Time)		71.696***		
		(16.457)		
Log Time			187.792**	
			(83.371)	
Squared Time				0.000**
				(0.000)
Constant	-12.302***	-5.898***	-1429.627**	-97.437**
	(2.229)	(0.659)	(632.632)	(41.595)
ln_p				
Constant	1.209***			
	(0.204)			
Observations	2729	2729	2729	2729
χ^2	40.890	102.186	107.974	108.107
N Subject	134.000			
N Failures	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A32: Regional Peer Pressure and Democratization: Δ Polity > 2 Requirement

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.320	0.317	0.246	0.400	0.401
	(0.560)	(0.523)	(0.507)	(0.464)	(0.464)
Regional Pressure	0.045***	0.025**	0.025***	0.042***	0.042***
	(0.013)	(0.010)	(0.008)	(0.013)	(0.013)
Regional Pressure * Democratization	0.006	0.009	0.012	0.009	0.009
	(0.013)	(0.012)	(0.012)	(0.011)	(0.011)
GDP per capita (K$)	-0.051*	-0.056**	-0.061**	-0.053**	-0.053**
	(0.026)	(0.026)	(0.026)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	-0.001	0.001	0.001	-0.000	-0.000
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.011	0.010	0.011	0.010	0.010
	(0.009)	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.255***	1.534***	1.684***	1.356***	1.353***
	(0.439)	(0.416)	(0.407)	(0.387)	(0.387)
Lowess (Env. Ministries on Time)			30.034*		
			(17.120)		
Log Time				-29.960	
				(61.743)	
Squared Time					-0.000
					(0.000)
Constant			-7.192***	222.400	10.511
			(2.031)	(468.530)	(30.688)
			-5.566***		
			(0.674)		
ln_p					
Constant		0.484			
		(0.345)			
Observations	2606	2606	2606	2606	2606
χ^2	45.023	46.033	111.880	120.230	120.254
N Subject	134.000	134.000			
N Failures	92.000	92.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A33: Survival Model – International Pressure: Cheibub et al Democratization Variable

	(1) Rio	(2) Rio+	(3) Rio ++	(4) Rio to Kyoto
_t				
Democratization (Cheibub et al)	0.931*	0.940*	0.947*	0.919*
	(0.542)	(0.547)	(0.549)	(0.553)
Period 1992-1994	1.137***			
	(0.244)			
Democratization * 92/94	0.257			
	(0.816)			
GDP per capita (K$)	-0.052**	-0.053**	-0.053**	-0.053**
	(0.023)	(0.023)	(0.023)	(0.023)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.001	0.001	0.001
	(0.002)	(0.002)	(0.002)	(0.002)
Service sector (% of GDP)	0.000	0.001	0.001	0.001
	(0.008)	(0.008)	(0.008)	(0.008)
OECD Membership (real)	1.966***	1.951***	1.935***	1.936***
	(0.383)	(0.383)	(0.382)	(0.381)
Period 1992-1995		1.060***		
		(0.239)		
Democratization * 92/95		0.376		
		(0.809)		
Period 1992-1996			0.873***	
			(0.241)	
Democratization * 92/96			0.403	
			(0.806)	
Period 1992-1997				0.718***
				(0.244)
Democratization * 92/97				0.567
				(0.805)
Constant	-9.473***	-9.256***	-9.274***	-9.330***
	(1.299)	(1.310)	(1.311)	(1.316)
ln_p				
Constant	0.909***	0.881***	0.886***	0.895***
	(0.131)	(0.137)	(0.137)	(0.137)
Observations	3061	3061	3061	3061
χ^2	62.598	61.681	55.689	51.805
N Subject	151.000	151.000	151.000	151.000
N Failures	104.000	104.000	104.000	104.000

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A34: Env. Aid (broad) and Democratization: Cheibub et al Democratization Variable

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (Cheibub et al)	0.714	0.919**	0.791*	0.933*	0.934*
	(0.478)	(0.467)	(0.477)	(0.478)	(0.478)
Environmental Aid (broad, m$)	0.002	0.002	0.003**	0.003**	0.003**
	(0.002)	(0.002)	(0.001)	(0.001)	(0.001)
Democratization * Env. Aid (b)	0.021**	0.014*	0.028***	0.027**	0.026**
	(0.009)	(0.007)	(0.010)	(0.010)	(0.010)
GDP per capita (K$)	0.009	0.007	-0.057**	-0.051**	-0.051**
	(0.015)	(0.015)	(0.024)	(0.023)	(0.023)
Service sector (% of GDP)	-0.002	-0.003	0.000	-0.002	-0.002
	(0.008)	(0.008)	(0.008)	(0.008)	(0.008)
Trade Openness (% of GDP)	-0.001	-0.002	0.003	0.003	0.003
	(0.002)	(0.002)	(0.002)	(0.002)	(0.002)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
OECD Membership (real)			2.177***	2.056***	2.054***
			(0.426)	(0.373)	(0.373)
Lowess (Env. Ministries on Time)			78.666***		
			(12.712)		
Log Time				139.646***	
				(21.435)	
Squared Time					0.000***
					(0.000)
Constant		-8.816***	-5.868***	-1064.074***	-73.214***
		(1.126)	(0.616)	(162.776)	(10.675)
ln_p					
Constant		0.897***			
		(0.116)			
Observations	3061	3061	3061	3061	3061
χ^2	18.134	19.130	95.525	106.837	107.102
N Subject	151.000	151.000			
N Failures	104.000	104.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A35: Env. Aid (narrow) and Democratization: Cheibub et al Democratization Variable

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (Cheibub et al)	1.086**	1.196***	1.209***	1.358***	1.359***
	(0.453)	(0.430)	(0.441)	(0.433)	(0.433)
Environmental Aid (narrow, m$)	0.004	0.006	0.005**	0.007***	0.007***
	(0.004)	(0.004)	(0.002)	(0.003)	(0.003)
Democratization * Env. Aid (n)	0.013	-0.010	0.002	-0.012	-0.012
	(0.145)	(0.110)	(0.110)	(0.101)	(0.101)
GDP per capita (K$)	-0.049**	-0.051**	-0.055**	-0.049**	-0.049**
	(0.023)	(0.022)	(0.024)	(0.023)	(0.023)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.002	0.002	0.002	0.002
	(0.002)	(0.002)	(0.002)	(0.002)	(0.002)
Service sector (% of GDP)	0.001	-0.001	0.001	-0.001	-0.001
	(0.008)	(0.008)	(0.008)	(0.008)	(0.008)
OECD Membership (real)	1.922***	1.952***	2.092***	1.960***	1.958***
	(0.382)	(0.373)	(0.414)	(0.362)	(0.362)
Lowess (Env. Ministries on Time)			76.942***		
			(12.655)		
Log Time				135.199***	
				(21.500)	
Squared Time					0.000***
					(0.000)
Constant		-10.395***	-5.769***	-1030.262***	-70.946***
		(1.236)	(0.607)	(163.254)	(10.697)
ln_p					
Constant		1.028***			
		(0.109)			
Observations	3061	3061	3061	3061	3061
χ^2	38.095	43.042	87.701	101.180	101.434
N Subject	151.000	151.000			
N Failures	104.000	104.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A36: Peer Pressure and Democratization: Cheibub et al Democratization Variable

	(1) Weibull	(2) Logit Lowess	(3) Logit Log	(4) Logit Square
main				
Democratization (Cheibub et al)	-0.090	-0.067	0.188	0.191
	(0.963)	(0.844)	(0.742)	(0.742)
Sum of Ministries (t-1)	0.000	-0.002	-0.012	-0.012
	(0.006)	(0.004)	(0.009)	(0.009)
Democr. * Sum Ministries (t-1)	0.019	0.021*	0.019*	0.019*
	(0.013)	(0.012)	(0.011)	(0.011)
GDP per capita (K$)	0.009	-0.052**	-0.048**	-0.048**
	(0.015)	(0.024)	(0.023)	(0.023)
Service sector (% of GDP)	-0.002	0.000	-0.002	-0.002
	(0.008)	(0.009)	(0.009)	(0.009)
Trade Openness (% of GDP)	-0.002	0.002	0.002	0.002
	(0.002)	(0.002)	(0.002)	(0.002)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Lowess (Env. Ministries on Time)	89.984***	81.387***		
	(27.647)	(16.061)		
OECD Membership (real)		2.046***	1.951***	1.950***
		(0.410)	(0.365)	(0.365)
Log Time			232.790***	
			(78.602)	
Squared Time				0.000***
				(0.000)
Constant	-0.373	-5.743***	-1770.719***	-119.527***
	(16.509)	(0.611)	(596.470)	(39.202)
ln_p				
Constant	-2.478			
	(13.710)			
Observations	3061	3061	3061	3061
χ^2	31.768	84.667	94.298	94.753
N Subject	151.000			
N Failures	104.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A37: Regional Peer Pressure and Democratization: Cheibub et al Democratization Variable

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (Cheibub et al)	0.125	0.238	-0.034	0.136	0.137
	(1.042)	(0.964)	(0.835)	(0.823)	(0.823)
Regional Pressure	0.050***	0.029***	0.028***	0.046***	0.047***
	(0.012)	(0.009)	(0.007)	(0.012)	(0.012)
Regional Pressure * Dem. (Cheibub et al)	0.022	0.024	0.037	0.034	0.034
	(0.024)	(0.021)	(0.023)	(0.023)	(0.023)
GDP per capita (K$)	-0.044*	-0.050**	-0.056**	-0.045**	-0.045**
	(0.024)	(0.023)	(0.023)	(0.022)	(0.022)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	-0.001	-0.000	0.000	-0.001	-0.001
	(0.003)	(0.003)	(0.002)	(0.003)	(0.003)
Service sector (% of GDP)	0.005	0.004	0.005	0.004	0.004
	(0.008)	(0.008)	(0.009)	(0.009)	(0.009)
OECD Membership (real)	1.244***	1.537***	1.709***	1.331***	1.326***
	(0.421)	(0.402)	(0.391)	(0.383)	(0.383)
Lowess (Env. Ministries on Time)			32.913**		
			(16.716)		
Log Time				-33.626	
				(60.210)	
Squared Time					-0.000
					(0.000)
Constant			-6.935***	-5.310***	250.560	12.722
			(1.968)	(0.618)	(456.954)	(29.981)
ln_p					
Constant		0.491			
		(0.332)			
Observations	2882	2882	2882	2882	2882
χ^2	53.529	50.984	112.097	136.883	137.014
N Subject	150.000	150.000			
N Failures	102.000	102.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A38: Survival Model – International Pressure: Freedom House Index

	(1) Rio	(2) Rio+	(3) Rio ++	(4) Rio to Kyoto
_t				
Democratization (FHI)	0.181	0.341	0.360	0.378
	(0.290)	(0.291)	(0.290)	(0.291)
Period 1992-1994	1.031***			
	(0.259)			
Democr. (FHI) * 92-94	0.406			
	(0.410)			
GDP per capita (K$)	-0.067**	-0.069**	-0.069***	-0.069***
	(0.027)	(0.027)	(0.027)	(0.027)
Pop. Density	0.001**	0.001**	0.001**	0.001**
	(0.001)	(0.001)	(0.001)	(0.001)
Trade Openness (% of GDP)	0.002	0.002	0.001	0.001
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	-0.000	-0.000	0.000	0.000
	(0.009)	(0.009)	(0.009)	(0.009)
OECD Membership (real)	1.930***	1.916***	1.901***	1.901***
	(0.455)	(0.456)	(0.454)	(0.453)
Period 1992-1995		1.002***		
		(0.248)		
Democr. (FHI) * 92-95		0.146		
		(0.415)		
Period 1992-1996			0.799***	
			(0.250)	
Democr. (FHI) * 92-96			0.108	
			(0.425)	
Period 1992-1997				0.630**
				(0.254)
Democr. (FHI) * 92-97				0.072
				(0.432)
Constant	-10.814***	-10.522***	-10.523***	-10.582***
	(1.746)	(1.763)	(1.756)	(1.757)
ln_p				
Constant	1.054***	1.022***	1.024***	1.032***
	(0.156)	(0.163)	(0.163)	(0.163)
Observations	2435	2435	2435	2435
χ^2	44.520	42.937	37.130	33.067
N Subject	135.000	135.000	135.000	135.000
N Failures	88.000	88.000	88.000	88.000

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A39: Env. Aid (broad) and Democratization: Freedom House Index

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (FHI)	0.299	0.345	0.311	0.350	0.350
	(0.245)	(0.251)	(0.302)	(0.315)	(0.315)
Environmental Aid (broad, m$)	0.003	0.003	0.003**	0.003**	0.003**
	(0.002)	(0.002)	(0.001)	(0.001)	(0.001)
Democr. (FHI) * Env. Aid	0.007	0.005	0.008	0.006	0.006
	(0.006)	(0.006)	(0.008)	(0.008)	(0.008)
GDP per capita (K$)	-0.063**	-0.068***	-0.070***	-0.066***	-0.066***
	(0.027)	(0.026)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001**	0.001**	0.001***	0.001***	0.001***
	(0.001)	(0.001)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.002	0.003	0.002	0.002
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.001	-0.000	0.001	-0.001	-0.001
	(0.009)	(0.009)	(0.009)	(0.009)	(0.009)
OECD Membership (real)	1.838***	1.968***	2.051***	1.934***	1.932***
	(0.447)	(0.444)	(0.460)	(0.407)	(0.407)
Lowess (Env. Ministries on Time)			97.181***		
			(18.622)		
Log Time				137.398***	
				(25.907)	
Squared Time					0.000***
					(0.000)
Constant		-11.937***	-6.475***	-1046.978***	-71.840***
		(1.623)	(0.809)	(196.761)	(12.908)
ln_p					
Constant		1.164***			
		(0.128)			
Observations	2435	2435	2435	2435	2435
χ^2	26.682	29.509	53.591	52.875	52.901
N Subject	135.000	135.000			
N Failures	88.000	88.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A40: Env. Aid (narrow) and Democratization: Freedom House Index

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (FHI)	0.452**	0.481**	0.480*	0.499*	0.499*
	(0.224)	(0.229)	(0.265)	(0.275)	(0.275)
Environmental Aid (narrow, m$)	0.005	0.006	0.005**	0.007***	0.007***
	(0.004)	(0.004)	(0.002)	(0.003)	(0.003)
Democr. (FHI) * Env. Aid	-0.006	-0.012	-0.009	-0.013	-0.013
	(0.016)	(0.017)	(0.008)	(0.008)	(0.008)
GDP per capita (K$)	-0.064**	-0.069***	-0.070***	-0.066***	-0.066***
	(0.027)	(0.026)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001**	0.001**	0.001***	0.001***	0.001***
	(0.001)	(0.001)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.002	0.002	0.002	0.002
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.000	-0.001	0.000	-0.001	-0.001
	(0.009)	(0.009)	(0.009)	(0.009)	(0.009)
OECD Membership (real)	1.834***	1.940***	2.025***	1.894***	1.891***
	(0.450)	(0.445)	(0.449)	(0.392)	(0.391)
Lowess (Env. Ministries on Time)			95.156***		
			(18.732)		
Log Time				133.405***	
				(26.205)	
Squared Time					0.000***
					(0.000)
Constant		-11.717***	-6.328***	-1016.583***	-69.780***
		(1.620)	(0.801)	(199.013)	(13.044)
ln_p					
Constant		1.151***			
		(0.131)			
Observations	2435	2435	2435	2435	2435
χ^2	24.648	28.546	60.078	61.753	61.797
N Subject	135.000	135.000			
N Failures	88.000	88.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

	(1)	(2)	(3)	(4)
	Weibull	Logit Lowess	Logit Log	Logit Square
main				
Democratization (FHI)	0.283	0.187	0.227	0.226
	(0.504)	(0.528)	(0.401)	(0.399)
Sum of Ministries (t-1)	-0.026***	-0.003	-0.018	-0.018
	(0.008)	(0.004)	(0.012)	(0.012)
Democr. (FHI) * Peer Pressure	0.003	0.004	0.004	0.004
	(0.007)	(0.008)	(0.006)	(0.006)
GDP per capita (K$)	-0.062**	-0.066***	-0.063***	-0.063***
	(0.026)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001**	0.001***	0.001***	0.001***
	(0.001)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.003	0.002	0.002	0.002
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	-0.002	-0.000	-0.003	-0.003
	(0.009)	(0.009)	(0.009)	(0.009)
OECD Membership (real)	1.862***	1.939***	1.872***	1.870***
	(0.436)	(0.445)	(0.400)	(0.399)
Lowess (Env. Ministries on Time)		103.676***		
		(22.852)		
Log Time			297.633***	
			(114.139)	
Squared Time				0.000***
				(0.000)
Constant	-22.363***	-6.351***	-2262.823***	-149.973***
	(3.981)	(0.824)	(866.240)	(56.618)
ln_p				
Constant	1.890***			
	(0.189)			
Observations	2435	2435	2435	2435
χ^2	37.036	53.111	52.366	52.605
N Subject	135.000			
N Failures	88.000			

Table A41: Peer Pressure and Democratization: Freedom House Index

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A42: Regional Peer Pressure and Democratization: Freedom House Index

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (FHI)	-0.275	-0.017	-0.110	-0.084	-0.085
	(0.490)	(0.480)	(0.519)	(0.427)	(0.427)
Regional Pressure	0.051***	0.021*	0.022***	0.043***	0.044***
	(0.013)	(0.011)	(0.008)	(0.013)	(0.013)
Democr. (FHI) * Reg. Peer Pressure	0.018	0.010	0.014	0.012	0.012
	(0.012)	(0.011)	(0.013)	(0.011)	(0.011)
GDP per capita (K$)	-0.060**	-0.069**	-0.073***	-0.064***	-0.064***
	(0.029)	(0.028)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001**	0.001**	0.001***	0.001***	0.001***
	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)
Trade Openness (% of GDP)	-0.001	0.000	0.000	-0.001	-0.001
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.005	0.004	0.005	0.004	0.004
	(0.009)	(0.009)	(0.010)	(0.009)	(0.009)
OECD Membership (real)	1.091**	1.553***	1.672***	1.236***	1.231***
	(0.503)	(0.481)	(0.444)	(0.438)	(0.438)
Lowess (Env. Ministries on Time)			52.869**		
			(23.561)		
Log Time				-37.777	
				(74.143)	
Squared Time					-0.000
					(0.000)
Constant		-9.153***	-5.702***	282.276	15.216
		(2.991)	(0.823)	(562.773)	(36.817)
ln_p					
Constant		0.829**			
		(0.372)			
Observations	2260	2260	2260	2260	2260
χ^2	38.659	27.007	66.254	81.566	81.655
N Subject	134.000	134.000			
N Failures	86.000	86.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A43: Survival Model – International Pressure: Democratization as Polity > 6

	(1) Rio	(2) Rio+	(3) Rio ++	(4) Rio to Kyoto
_t				
Democratization (thresh.)	0.447	0.508	0.534	0.562
	(0.469)	(0.470)	(0.470)	(0.471)
Period 1992-1994	1.131***			
	(0.243)			
Democr. (thresh.) * 92-94	0.903			
	(0.651)			
GDP per capita (K$)	-0.051**	-0.051**	-0.051**	-0.050**
	(0.022)	(0.022)	(0.022)	(0.022)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.001	0.001	0.001
	(0.002)	(0.002)	(0.002)	(0.002)
Service sector (% of GDP)	0.001	0.002	0.001	0.001
	(0.008)	(0.008)	(0.008)	(0.008)
OECD Membership (real)	1.954***	1.925***	1.904***	1.901***
	(0.376)	(0.376)	(0.375)	(0.374)
Period 1992-1995		1.061***		
		(0.239)		
Democr. (thresh.) * 92-95		0.725		
		(0.648)		
Period 1992-1996			0.876***	
			(0.240)	
Democr. (thresh.) * 92-96			0.677	
			(0.647)	
Period 1992-1997				0.722***
				(0.243)
Democr. (thresh.) * 92-97				0.618
				(0.647)
Constant	-9.787***	-9.557***	-9.552***	-9.575***
	(1.282)	(1.290)	(1.290)	(1.294)
ln_p				
Constant	0.937***	0.908***	0.912***	0.920***
	(0.126)	(0.131)	(0.132)	(0.132)
Observations	3194	3194	3194	3194
χ^2	70.599	67.554	60.371	55.025
N Subject	156.000	156.000	156.000	156.000
N Failures	109.000	109.000	109.000	109.000

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A44: Env. Aid (broad) and Democratization: Democratization as Polity > 6

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (thresh.)	0.835**	0.787**	0.783*	0.893*	0.894**
	(0.384)	(0.372)	(0.449)	(0.456)	(0.456)
Environmental Aid (broad, m$)	0.003	0.003	0.003**	0.003***	0.003***
	(0.002)	(0.002)	(0.001)	(0.001)	(0.001)
Democr. (thresh.) * Env. Aid	0.008	0.009	0.012	0.009	0.009
	(0.011)	(0.010)	(0.014)	(0.015)	(0.015)
GDP per capita (K$)	-0.046**	-0.048**	-0.053**	-0.046**	-0.046**
	(0.022)	(0.022)	(0.023)	(0.022)	(0.022)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.003	0.003	0.002	0.002
	(0.002)	(0.002)	(0.002)	(0.002)	(0.002)
Service sector (% of GDP)	0.001	-0.001	0.001	-0.002	-0.002
	(0.008)	(0.008)	(0.008)	(0.008)	(0.008)
OECD Membership (real)	1.900***	1.924***	2.096***	1.929***	1.926***
	(0.368)	(0.362)	(0.429)	(0.376)	(0.375)
Lowess (Env. Ministries on Time)			83.594***		
			(12.821)		
Log Time				144.951***	
				(20.579)	
Squared Time					0.000***
					(0.000)
Constant		-10.973***	-6.064***	-1104.401***	-75.877***
		(1.227)	(0.609)	(156.259)	(10.232)
ln_p					
Constant		1.077***			
		(0.103)			
Observations	3194	3194	3194	3194	3194
χ^2	43.391	45.810	85.928	106.572	106.937
N Subject	156.000	156.000			
N Failures	109.000	109.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A45: Env. Aid (narrow) and Democratization: Democratization as Polity > 6

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (thresh.)	1.007***	0.945***	1.003***	1.064***	1.065***
	(0.338)	(0.334)	(0.388)	(0.392)	(0.392)
Environmental Aid (narrow, m$)	0.004	0.006	0.005**	0.007**	0.007**
	(0.004)	(0.004)	(0.002)	(0.003)	(0.003)
Democr. (thresh.) * Env. Aid	-0.063	-0.035	-0.067	-0.037	-0.037
	(0.159)	(0.144)	(0.125)	(0.124)	(0.124)
GDP per capita (K$)	-0.048**	-0.048**	-0.053**	-0.046**	-0.046**
	(0.022)	(0.022)	(0.023)	(0.022)	(0.022)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.002	0.002	0.002	0.002
	(0.002)	(0.002)	(0.002)	(0.002)	(0.002)
Service sector (% of GDP)	0.001	-0.000	0.001	-0.001	-0.001
	(0.008)	(0.008)	(0.008)	(0.008)	(0.008)
OECD Membership (real)	1.900***	1.877***	2.048***	1.879***	1.876***
	(0.369)	(0.362)	(0.418)	(0.360)	(0.359)
Lowess (Env. Ministries on Time)			82.466***		
			(12.710)		
Log Time				141.507***	
				(20.599)	
Squared Time					0.000***
					(0.000)
Constant		-10.774***	-5.979***	-1078.197***	-74.107***
		(1.214)	(0.601)	(156.406)	(10.238)
ln_p					
Constant		1.062***			
		(0.104)			
Observations	3194	3194	3194	3194	3194
χ^2	41.668	44.257	89.320	109.946	110.279
N Subject	156.000	156.000			
N Failures	109.000	109.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A46: Peer Pressure and Democratization: Democratization as Polity > 6

	(1) Weibull	(2) Logit Lowess	(3) Logit Log	(4) Logit Square
main				
Democratization (thresh.)	0.470	0.542	0.569	0.570
	(0.632)	(0.806)	(0.700)	(0.699)
Sum of Ministries (t-1)	-0.011*	-0.002	-0.015*	-0.015*
	(0.006)	(0.004)	(0.009)	(0.009)
Democr. (thresh.) * Peer Pressure	0.007	0.007	0.008	0.008
	(0.009)	(0.012)	(0.010)	(0.010)
GDP per capita (K$)	-0.047**	-0.052**	-0.046**	-0.046**
	(0.022)	(0.023)	(0.022)	(0.022)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.002	0.002	0.002
	(0.002)	(0.002)	(0.002)	(0.002)
Service sector (% of GDP)	-0.001	0.000	-0.002	-0.002
	(0.008)	(0.008)	(0.008)	(0.008)
OECD Membership (real)	1.858***	2.022***	1.908***	1.907***
	(0.361)	(0.411)	(0.367)	(0.367)
Lowess (Env. Ministries on Time)		88.071***		
		(16.241)		
Log Time			263.813***	
			(78.680)	
Squared Time				0.000***
				(0.000)
Constant	-13.933***	-5.947***	-2006.202***	-135.034***
	(2.164)	(0.604)	(597.071)	(39.220)
ln_p				
Constant	1.378***			
	(0.169)			
Observations	3194	3194	3194	3194
χ^2	46.601	84.467	96.685	97.271
N Subject	156.000			
N Failures	109.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A47: Regional Peer Pressure and Democratization: Democratization as Polity > 6

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (thresh.)	0.878	0.826	0.773	0.964	0.965
	(0.671)	(0.628)	(0.724)	(0.675)	(0.675)
Regional Pressure	0.051***	0.030***	0.028***	0.048***	0.048***
	(0.011)	(0.009)	(0.007)	(0.012)	(0.012)
Democr. (thresh.) * Reg. Peer Pressure	0.003	0.000	0.004	-0.000	-0.000
	(0.016)	(0.015)	(0.019)	(0.018)	(0.018)
GDP per capita (K$)	-0.046**	-0.049**	-0.055**	-0.044**	-0.044**
	(0.023)	(0.023)	(0.023)	(0.022)	(0.022)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	-0.001	-0.000	0.000	-0.001	-0.001
	(0.003)	(0.002)	(0.002)	(0.003)	(0.003)
Service sector (% of GDP)	0.006	0.004	0.005	0.004	0.004
	(0.008)	(0.008)	(0.009)	(0.008)	(0.008)
OECD Membership (real)	1.268***	1.490***	1.696***	1.276***	1.271***
	(0.407)	(0.391)	(0.395)	(0.379)	(0.380)
Lowess (Env. Ministries on Time)			38.931**		
			(16.688)		
Log Time				-29.084	
				(58.866)	
Squared Time					-0.000
					(0.000)
Constant		-7.279***	-5.499***	216.018	10.457
		(1.921)	(0.609)	(446.740)	(29.274)
ln_p					
Constant		0.540*			
		(0.311)			
Observations	3014	3014	3014	3014	3014
χ^2	58.398	51.042	121.198	154.057	154.214
N Subject	155.000	155.000			
N Failures	107.000	107.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

A7.3   Changes in the Environmental Aid Variable

Table A48: Env. Aid (broad) and Democratization: Aid <90th Percentile Sample

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.573*	0.600**	0.585*	0.625*	0.625*
	(0.300)	(0.295)	(0.315)	(0.325)	(0.325)
Environmental Aid (broad, m$)	0.002	0.002	0.002	0.002	0.002
	(0.002)	(0.002)	(0.002)	(0.002)	(0.002)
Democratization * Env. Aid	0.005	0.006	0.008**	0.009**	0.009**
	(0.004)	(0.004)	(0.004)	(0.004)	(0.004)
GDP per capita (K$)	-0.054**	-0.056**	-0.061**	-0.055**	-0.055**
	(0.025)	(0.024)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.003	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.005	0.004	0.005	0.004	0.003
	(0.009)	(0.009)	(0.010)	(0.009)	(0.009)
OECD Membership (real)	1.899***	1.966***	2.097***	1.996***	1.994***
	(0.399)	(0.391)	(0.445)	(0.400)	(0.400)
Lowess (Env. Ministries on Time)			71.730***		
			(12.952)		
Log Time				131.376***	
				(22.957)	
Squared Time					0.000***
					(0.000)
Constant		-10.503***	-5.994***	-1001.645***	-69.482***
		(1.301)	(0.662)	(174.329)	(11.434)
ln_p					
Constant		1.001***			
		(0.116)			
Observations	2729	2729	2729	2729	2729
χ^2	37.859	43.682	109.716	114.600	114.704
N Subject	134.000	134.000			
N Failures	94.000	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A49: Env. Aid (narrow) and Democratization: Aid <90th Percentile Sample

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.625**	0.680**	0.679**	0.722**	0.722**
	(0.285)	(0.280)	(0.296)	(0.308)	(0.308)
Environmental Aid (narrow, m$)	0.002	0.004	0.003	0.005	0.005
	(0.005)	(0.005)	(0.003)	(0.003)	(0.003)
Democratization * Env. Aid	0.014	0.015*	0.040**	0.051	0.051
	(0.009)	(0.009)	(0.018)	(0.045)	(0.045)
GDP per capita (K$)	-0.055**	-0.056**	-0.060**	-0.055**	-0.055**
	(0.025)	(0.025)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.005	0.004	0.006	0.004	0.004
	(0.009)	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.878***	1.925***	2.053***	1.942***	1.941***
	(0.401)	(0.391)	(0.432)	(0.383)	(0.383)
Lowess (Env. Ministries on Time)			70.145***		
			(12.921)		
Log Time				126.775***	
				(23.087)	
Squared Time					0.000***
					(0.000)
Constant		-10.346***	-5.927***	-966.669***	-67.151***
		(1.294)	(0.658)	(175.313)	(11.496)
ln_p					
Constant		0.988***			
		(0.118)			
Observations	2729	2729	2729	2729	2729
χ^2	37.093	43.147	106.489	100.242	100.278
N Subject	134.000	134.000			
N Failures	94.000	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A50: Env. Aid (broad) and Democratization: Lagged Aid

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (lagged)	0.289	0.293	0.296	0.325	0.326
	(0.339)	(0.332)	(0.358)	(0.360)	(0.360)
Environmental Aid (lagged)	0.004**	0.004**	0.004***	0.004***	0.004***
	(0.002)	(0.002)	(0.001)	(0.001)	(0.001)
Democratization * Env. Aid (lagged)	0.092	0.126*	0.134*	0.155	0.155
	(0.084)	(0.076)	(0.081)	(0.096)	(0.096)
GDP per capita (K$)	-0.061**	-0.063**	-0.067***	-0.063**	-0.063**
	(0.025)	(0.025)	(0.026)	(0.025)	(0.025)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.002	0.002	0.002	0.002
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.009	0.009	0.010	0.009	0.009
	(0.010)	(0.009)	(0.010)	(0.009)	(0.009)
OECD Membership (real)	1.927***	1.990***	2.110***	2.015***	2.014***
	(0.401)	(0.395)	(0.446)	(0.400)	(0.399)
Lowess (Env. Ministries on Time)			69.202***		
			(13.109)		
Log Time				126.023***	
				(23.476)	
Squared Time					0.000***
					(0.000)
Constant		-10.516***	-6.136***	-961.214***	-67.032***
		(1.318)	(0.657)	(178.273)	(11.697)
ln_p					
Constant		0.981***			
		(0.120)			
Observations	2709	2709	2709	2709	2709
χ^2	35.578	41.218	106.973	111.867	111.988
N Subject	132.000	132.000			
N Failures	92.000	92.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A51: Env. Aid (narrow) and Democratization: Lagged Aid

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (lagged)	0.281	0.298	0.304	0.334	0.334
	(0.339)	(0.333)	(0.359)	(0.362)	(0.362)
Environmental Aid (lagged)	0.007*	0.008**	0.009***	0.010***	0.010***
	(0.004)	(0.003)	(0.003)	(0.003)	(0.003)
Democratization * Env. Aid (lagged)	0.097	0.127*	0.135	0.156	0.156
	(0.084)	(0.076)	(0.083)	(0.099)	(0.099)
GDP per capita (K$)	-0.062**	-0.065**	-0.069***	-0.064***	-0.064***
	(0.026)	(0.025)	(0.026)	(0.025)	(0.025)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.002	0.002	0.001	0.001
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.010	0.010	0.011	0.010	0.010
	(0.010)	(0.009)	(0.010)	(0.009)	(0.009)
OECD Membership (real)	1.894***	1.943***	2.068***	1.954***	1.952***
	(0.402)	(0.395)	(0.434)	(0.386)	(0.386)
Lowess (Env. Ministries on Time)			67.982***		
			(13.010)		
Log Time				121.690***	
				(23.404)	
Squared Time					0.000***
					(0.000)
Constant		-10.330***	-6.072***	-928.274***	-64.828***
		(1.308)	(0.656)	(177.718)	(11.655)
ln_p					
Constant		0.965***			
		(0.121)			
Observations	2709	2709	2709	2709	2709
χ^2	34.232	40.997	101.521	105.282	105.349
N Subject	132.000	132.000			
N Failures	92.000	92.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A52: Env. Aid (broad) and Democratization: Env. Aid Average over -4$to-1$

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.493	0.531*	0.470	0.507	0.508
	(0.304)	(0.300)	(0.348)	(0.352)	(0.352)
Environmental Aid (m/n, t-4/t-1 m$)	0.001	0.001	0.001	0.002	0.002
	(0.003)	(0.003)	(0.003)	(0.002)	(0.002)
Democratization * Env. Aid (broad, t-(t-3))	0.006	0.007*	0.010**	0.011**	0.011**
	(0.004)	(0.004)	(0.005)	(0.005)	(0.005)
GDP per capita (K$)	-0.055**	-0.057**	-0.062**	-0.057**	-0.057**
	(0.025)	(0.025)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.003	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.005	0.004	0.006	0.004	0.004
	(0.009)	(0.009)	(0.010)	(0.009)	(0.009)
OECD Membership (real)	1.909***	1.977***	2.114***	2.023***	2.022***
	(0.400)	(0.392)	(0.444)	(0.398)	(0.398)
Lowess (Env. Ministries on Time)			71.363***		
			(12.997)		
Log Time				131.364***	
				(23.145)	
Squared Time					0.000***
					(0.000)
Constant		-10.450***	-5.993***	-1001.555***	-69.482***
		(1.301)	(0.668)	(175.765)	(11.534)
ln_p					
Constant		0.997***			
		(0.117)			
Observations	2729	2729	2729	2729	2729
χ^2	40.051	45.573	106.760	111.807	111.895
N Subject	134.000	134.000			
N Failures	94.000	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A53: Env. Aid (narrow) and Democratization: Env. Aid Average over $-4 to -1$

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.622**	0.678**	0.651**	0.689**	0.690**
	(0.284)	(0.279)	(0.305)	(0.312)	(0.312)
Environmental Aid (m/b, t-4/t-1 m$)	0.002	0.004	0.005	0.004	0.004
	(0.007)	(0.006)	(0.006)	(0.006)	(0.006)
Democratization * Env. Aid (narrow, t-(t-3))	0.013	0.014	0.100	0.114	0.114
	(0.010)	(0.009)	(0.098)	(0.109)	(0.109)
GDP per capita (K$)	-0.055**	-0.056**	-0.060**	-0.055**	-0.055**
	(0.025)	(0.024)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.005	0.004	0.006	0.004	0.004
	(0.009)	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.877***	1.920***	2.054***	1.934***	1.932***
	(0.401)	(0.390)	(0.432)	(0.382)	(0.381)
Lowess (Env. Ministries on Time)			69.820***		
			(12.869)		
Log Time				125.498***	
				(23.064)	
Squared Time					0.000***
					(0.000)
Constant			-10.335***	-5.924***	-956.963***	-66.501***
			(1.293)	(0.661)	(175.129)	(11.480)
ln_p					
Constant		0.987***			
		(0.118)			
Observations	2729	2729	2729	2729	2729
χ^2	37.246	43.203	92.595	97.783	97.853
N Subject	134.000	134.000			
N Failures	94.000	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

A7.4   Green Civil Society

Table A54: Env. Aid (broad) and Democratization: Civil Society

	(1) Cox	(2) Logit Lowess	(3) Logit Log	(4) Logit Square
main				
Democratization (t - t-3)	0.739*	0.731	0.715	0.715
	(0.446)	(0.487)	(0.491)	(0.491)
Environmental Aid (broad, m$)	-0.001	-0.002	-0.002	-0.002
	(0.004)	(0.002)	(0.002)	(0.002)
Democratization * Environmental Aid	0.006	0.008***	0.009***	0.009***
	(0.005)	(0.003)	(0.003)	(0.003)
Civil Society Proxy	-0.014	-0.015	-0.013	-0.013
	(0.024)	(0.014)	(0.012)	(0.012)
GDP per capita (K$)	-0.088	-0.092	-0.098	-0.098
	(0.065)	(0.062)	(0.064)	(0.064)
Pop. Density	0.002	0.002	0.002	0.002
	(0.002)	(0.002)	(0.002)	(0.002)
Trade Openness (% of GDP)	0.002	0.002	0.002	0.002
	(0.006)	(0.007)	(0.007)	(0.007)
Service sector (% of GDP)	0.004	0.004	0.006	0.006
	(0.018)	(0.022)	(0.023)	(0.023)
OECD Membership (real)	1.908**	2.031**	2.101**	2.100**
	(0.907)	(0.872)	(0.858)	(0.858)
Lowess (Env. Ministries on Time)		118.586*		
		(68.452)		
Log Time			-75.015	
			(97.671)	
Squared Time				-0.000
				(0.000)
Constant		-6.840**	567.454	35.119
		(2.769)	(742.426)	(49.092)
Observations	344	344	344	344
χ^2	12.439	58.373	67.149	67.177
N Subject	47.000			
N Failures	34.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A55: Env. Aid (narrow) and Democratization: Civil Society

	(1) Cox	(2) Logit Lowess	(3) Logit Log	(4) Logit Square
main				
Democratization (t - t-3)	0.726*	0.718	0.699	0.699
	(0.433)	(0.479)	(0.486)	(0.486)
Environmental Aid (narrow, m$)	-0.004	-0.006	-0.005	-0.005
	(0.008)	(0.006)	(0.006)	(0.006)
Democratization * Environmental Aid	0.017	0.037***	0.041***	0.041***
	(0.012)	(0.013)	(0.014)	(0.014)
Civil Society Proxy	-0.014	-0.015	-0.013	-0.013
	(0.024)	(0.014)	(0.012)	(0.012)
GDP per capita (K$)	-0.086	-0.090	-0.096	-0.096
	(0.065)	(0.062)	(0.064)	(0.064)
Pop. Density	0.002	0.002	0.002	0.002
	(0.002)	(0.002)	(0.002)	(0.002)
Trade Openness (% of GDP)	0.002	0.002	0.002	0.002
	(0.006)	(0.007)	(0.007)	(0.007)
Service sector (% of GDP)	0.003	0.003	0.005	0.005
	(0.018)	(0.022)	(0.023)	(0.023)
OECD Membership (real)	1.866**	2.011**	2.065**	2.065**
	(0.902)	(0.869)	(0.853)	(0.852)
Lowess (Env. Ministries on Time)		111.540*		
		(66.865)		
Log Time			-80.673	
			(97.354)	
Squared Time				-0.000
				(0.000)
Constant		-6.529**	610.489	37.973
		(2.706)	(740.002)	(48.922)
Observations	344	344	344	344
χ^2	13.286	30.916	31.706	31.714
N Subject	47.000			
N Failures	34.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A56: Peer Pressure and Democratization: Civil Society

	(1) Logit Lowess	(2) Logit Log	(3) Logit Square
Environmental Ministry onset (real)			
Democratization (t - t-3)	1.047	0.985	0.986
	(1.761)	(1.697)	(1.698)
Sum of Ministries (t-1)	0.006	0.042	0.042
	(0.012)	(0.026)	(0.026)
Sum Ministries * Democratization	-0.001	0.000	0.000
	(0.021)	(0.021)	(0.021)
Civil Society Proxy	-0.017	-0.016	-0.016
	(0.017)	(0.015)	(0.015)
GDP per capita (K$)	-0.099	-0.099	-0.099
	(0.070)	(0.069)	(0.069)
Pop. Density	0.002	0.002	0.002
	(0.002)	(0.002)	(0.002)
Trade Openness (% of GDP)	0.001	0.001	0.001
	(0.007)	(0.007)	(0.007)
Service sector (% of GDP)	0.009	0.009	0.009
	(0.023)	(0.023)	(0.023)
OECD Membership (real)	2.200**	2.152**	2.152**
	(0.913)	(0.885)	(0.885)
Lowess (Env. Ministries on Time)	137.278*		
	(78.269)		
Log Time		-634.709*	
		(363.010)	
Squared Time			-0.000*
			(0.000)
Constant	-8.279**	4816.285*	309.407*
	(3.880)	(2756.133)	(178.457)
Observations	344	344	344
χ^2	17.743	.	18.813
N Subject			
N Failures			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A57: Regional Peer Pressure and Democratization: Civil Society

	(1) Cox	(2) Logit Lowess	(3) Logit Log	(4) Logit Square
main				
Democratization (t - t-3)	0.300	0.346	0.242	0.242
	(0.557)	(0.560)	(0.532)	(0.532)
Regional Pressure	0.036	0.022	0.055**	0.055**
	(0.025)	(0.016)	(0.027)	(0.027)
Regional Pressure * Democratization	0.018	0.024*	0.023*	0.023*
	(0.013)	(0.013)	(0.012)	(0.012)
Civil Society Proxy	-0.017	-0.021	-0.015	-0.015
	(0.037)	(0.037)	(0.031)	(0.031)
GDP per capita (K$)	-0.100	-0.116	-0.124	-0.124
	(0.073)	(0.079)	(0.080)	(0.080)
Pop. Density	0.003	0.002	0.004	0.004
	(0.003)	(0.003)	(0.003)	(0.003)
Trade Openness (% of GDP)	-0.003	-0.002	-0.005	-0.005
	(0.007)	(0.008)	(0.009)	(0.009)
Service sector (% of GDP)	0.010	0.012	0.015	0.015
	(0.019)	(0.023)	(0.023)	(0.023)
OECD Membership (real)	1.370	1.947**	1.420	1.420
	(0.995)	(0.968)	(1.038)	(1.038)
Lowess (Env. Ministries on Time)		123.989		
		(110.124)		
Log Time			-400.098*	
			(235.295)	
Squared Time				-0.000*
				(0.000)
Constant		-8.200*	3034.791*	194.743*
		(4.632)	(1786.489)	(116.215)
Observations	298	298	298	298
χ^2	15.910	19.719	19.559	19.559
N Subject	47.000			
N Failures	33.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

A7.5　All Interactions and Additional Interactions

Table A58: All Covariates

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log
main				
Democratization (t - t-3)	0.007	-0.239	-0.242	-0.242
	(0.422)	(0.454)	(0.462)	(0.462)
Environmental Aid (broad, m$)	0.001	0.002	0.002	0.002
	(0.002)	(0.002)	(0.002)	(0.002)
Democratization * Env. Aid	0.003	0.011	0.011	0.011
	(0.004)	(0.007)	(0.007)	(0.007)
Period 1992-1994	0.593*	0.620*	0.705**	0.705**
	(0.308)	(0.356)	(0.336)	(0.336)
Democratization * 92-94	0.771	1.134*	1.127*	1.127*
	(0.570)	(0.634)	(0.641)	(0.642)
Regional Pressure	0.031***	0.027***	0.038***	0.038***
	(0.010)	(0.008)	(0.013)	(0.013)
Regional Pressure * Democratization	0.012	0.019**	0.018*	0.018*
	(0.009)	(0.010)	(0.009)	(0.009)
GDP per capita (K$)	-0.004	-0.062**	-0.057**	-0.057**
	(0.018)	(0.026)	(0.025)	(0.025)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	-0.003	0.001	0.001	0.001
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.008	0.010	0.010	0.010
	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)		1.779***	1.590***	1.587***
		(0.389)	(0.391)	(0.391)
Lowess (Env. Ministries on Time)		12.904		
		(18.858)		
Log Time			-33.697	
			(64.103)	
Squared Time				-0.000
				(0.000)
Constant	-4.209*	-5.300***	250.688	12.105
	(2.161)	(0.676)	(486.443)	(31.867)
ln_p				
Constant	-0.133			
	(0.612)			
Observations	2604	2604	2604	2604
χ^2	47.471	132.936	135.947	135.963
N Subject	134.000			
N Failures	92.000			

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Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A59: Survival Model – International Pressure: Income*Democratization

	(1) Rio	(2) Rio+	(3) Rio ++	(4) Rio to Kyoto
_t				
Democratization (t - t-3)	-0.281	-0.190	-0.198	-0.139
	(0.565)	(0.572)	(0.578)	(0.579)
Period 1992-1994	0.859***			
	(0.302)			
Democratization * 92-94	1.270**			
	(0.593)			
GDP per capita (K$)	-0.059**	-0.059**	-0.059**	-0.058**
	(0.025)	(0.025)	(0.025)	(0.025)
Democratization * Income	0.096	0.089	0.091	0.082
	(0.072)	(0.073)	(0.073)	(0.074)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.002	0.002	0.002
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.005	0.005	0.005	0.005
	(0.009)	(0.009)	(0.009)	(0.009)
OECD Membership (real)	1.940***	1.931***	1.918***	1.922***
	(0.403)	(0.404)	(0.403)	(0.402)
Period 1992-1995		0.862***		
		(0.285)		
Democratization * 92-95		1.097*		
		(0.585)		
Period 1992-1996			0.672**	
			(0.285)	
Democratization * 92-96			1.189**	
			(0.587)	
Period 1992-1997				0.527*
				(0.286)
Democratization * 92-97				1.164**
				(0.583)
Constant	-9.617***	-9.371***	-9.412***	-9.427***
	(1.366)	(1.379)	(1.381)	(1.385)
ln_p				
Constant	0.900***	0.867***	0.873***	0.879***
	(0.138)	(0.145)	(0.145)	(0.146)
Observations	2729	2729	2729	2729
χ^2	61.851	60.451	56.083	52.213
N Subject	134.000	134.000	134.000	134.000
N Failures	94.000	94.000	94.000	94.000

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A60: Env. Aid (broad) and Democratization: Income*Democratization

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.498	0.607	0.535	0.656	0.657
	(0.430)	(0.432)	(0.485)	(0.497)	(0.497)
Environmental Aid (broad, m$)	0.002	0.002	0.002	0.002	0.002
	(0.002)	(0.002)	(0.002)	(0.002)	(0.002)
Democratization * Env. Aid	0.004	0.006	0.008**	0.009**	0.009**
	(0.004)	(0.004)	(0.004)	(0.004)	(0.004)
GDP per capita (K$)	-0.055**	-0.056**	-0.061**	-0.055**	-0.055**
	(0.025)	(0.024)	(0.025)	(0.024)	(0.024)
Democratization * Income	0.019	-0.002	0.012	-0.008	-0.008
	(0.077)	(0.079)	(0.093)	(0.094)	(0.094)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.003	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.005	0.004	0.005	0.004	0.004
	(0.009)	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.897***	1.966***	2.095***	1.999***	1.997***
	(0.400)	(0.392)	(0.445)	(0.401)	(0.401)
Lowess (Env. Ministries on Time)			71.976***		
			(13.137)		
Log Time				131.092***	
				(23.110)	
Squared Time					0.000***
					(0.000)
Constant		-10.502***	-5.984***	-999.494***	-69.348***
		(1.301)	(0.666)	(175.479)	(11.495)
ln_p					
Constant		1.001***			
		(0.117)			
Observations	2729	2729	2729	2729	2729
χ^2	37.920	43.683	109.494	115.146	115.250
N Subject	134.000	134.000			
N Failures	94.000	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A61: Env. Aid (narrow) and Democratization: Income*Democratization

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.536	0.683	0.611	0.740	0.741
	(0.422)	(0.422)	(0.471)	(0.483)	(0.483)
Environmental Aid (narrow, m$)	0.002	0.004	0.003	0.005	0.005
	(0.005)	(0.005)	(0.003)	(0.003)	(0.003)
Democratization * Env. Aid	0.014	0.015*	0.040**	0.051	0.051
	(0.009)	(0.009)	(0.020)	(0.043)	(0.044)
GDP per capita (K$)	-0.055**	-0.056**	-0.061**	-0.055**	-0.055**
	(0.025)	(0.025)	(0.025)	(0.024)	(0.024)
Democratization * Income	0.022	-0.001	0.017	-0.004	-0.004
	(0.075)	(0.077)	(0.090)	(0.091)	(0.091)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.005	0.004	0.005	0.004	0.004
	(0.009)	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.875***	1.925***	2.050***	1.944***	1.942***
	(0.401)	(0.392)	(0.432)	(0.384)	(0.384)
Lowess (Env. Ministries on Time)			70.499***		
			(13.132)		
Log Time				126.606***	
				(23.221)	
Squared Time					0.000***
					(0.000)
Constant		-10.345***	-5.914***	-965.395***	-67.070***
		(1.295)	(0.661)	(176.312)	(11.548)
ln_p					
Constant		0.987***			
		(0.119)			
Observations	2729	2729	2729	2729	2729
χ^2	37.175	43.147	104.515	100.627	100.668
N Subject	134.000	134.000			
N Failures	94.000	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A62: Peer Pressure and Democratization: Income*Democratization

	(1) Weibull	(2) Logit Lowess	(3) Logit Log	(4) Logit Square
main				
Democratization (t - t-3)	-0.085	-0.305	0.012	0.015
	(0.735)	(0.771)	(0.705)	(0.704)
Sum of Ministries (t-1)	-0.009	-0.002	-0.010	-0.010
	(0.006)	(0.004)	(0.010)	(0.010)
Sum Ministries * Democratization	0.010	0.013	0.010	0.010
	(0.007)	(0.008)	(0.007)	(0.007)
GDP per capita (K$)	-0.052**	-0.058**	-0.052**	-0.052**
	(0.025)	(0.025)	(0.024)	(0.024)
Democratization * Income	0.053	0.072	0.047	0.047
	(0.079)	(0.090)	(0.090)	(0.090)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.003	0.004	0.003	0.003
	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.880***	2.033***	1.914***	1.912***
	(0.389)	(0.425)	(0.377)	(0.377)
Lowess (Env. Ministries on Time)		74.356***		
		(16.566)		
Log Time			197.986**	
			(83.743)	
Squared Time				0.000**
				(0.000)
Constant	-12.518***	-5.810***	-1506.892**	-102.419**
	(2.242)	(0.669)	(635.453)	(41.776)
ln_p				
Constant	1.239***			
	(0.200)			
Observations	2729	2729	2729	2729
χ^2	42.176	95.530	100.667	100.811
N Subject	134.000			
N Failures	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A63: Regional Peer Pressure and Democratization: Income*Democratization

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.139	0.396	0.309	0.451	0.452
	(0.473)	(0.448)	(0.458)	(0.446)	(0.445)
Regional Pressure	0.042***	0.025***	0.024***	0.041***	0.041***
	(0.013)	(0.009)	(0.008)	(0.013)	(0.013)
Regional Pressure * Democratization	0.018*	0.015*	0.021**	0.019**	0.019**
	(0.009)	(0.009)	(0.008)	(0.008)	(0.008)
GDP per capita (K$)	-0.053**	-0.057**	-0.063**	-0.054**	-0.054**
	(0.027)	(0.026)	(0.025)	(0.024)	(0.024)
Democratization * Income	0.032	0.002	0.020	-0.006	-0.006
	(0.074)	(0.072)	(0.084)	(0.084)	(0.084)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	-0.000	0.001	0.001	-0.000	-0.000
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.009	0.008	0.009	0.009	0.009
	(0.010)	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.319***	1.580***	1.724***	1.393***	1.389***
	(0.443)	(0.420)	(0.401)	(0.382)	(0.383)
Lowess (Env. Ministries on Time)			32.931*		
			(17.349)		
Log Time				-25.505	
				(62.323)	
Squared Time					-0.000
					(0.000)
Constant		-7.340***	-5.536***	188.675	8.404
		(2.033)	(0.673)	(472.939)	(30.989)
ln_p					
Constant		0.525			
		(0.333)			
Observations	2604	2604	2604	2604	2604
χ^2	48.342	48.207	110.788	119.544	119.577
N Subject	134.000	134.000			
N Failures	92.000	92.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

A7.6 Alternative Samples

In this section, 'flagged' countries are: Botswana, Burundi, Cape Verde, Comoros, Congo, Djibouti, Equatorial, Guinea, Mauritania, Sao Tome and Principe, and Somalia. These have environmental ministries, but their creation date is unclear.

Table A64: Survival Model – International Pressure: Non-OECD Sample

	(1) Rio	(2) Rio+	(3) Rio ++	(4) Rio to Kyoto
_t				
Democratization (t - t-3)	0.318	0.434	0.420	0.413
	(0.444)	(0.447)	(0.447)	(0.446)
Period 1992-1994	1.103***			
	(0.313)			
Democratization * 92-94	0.606			
	(0.612)			
GDP per capita (K$)	-0.061*	-0.062*	-0.062*	-0.063*
	(0.036)	(0.036)	(0.036)	(0.036)
Pop. Density	0.002***	0.002***	0.002***	0.002***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.001	0.001	0.001	0.001
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.005	0.005	0.006	0.005
	(0.010)	(0.010)	(0.010)	(0.010)
Period 1992-1995		1.134***		
		(0.300)		
Democratization * 92-95		0.385		
		(0.602)		
Period 1992-1996			0.865***	
			(0.303)	
Democratization * 92-96			0.530	
			(0.602)	
Period 1992-1997				0.621**
				(0.307)
Democratization * 92-97				0.612
				(0.602)
Constant	-11.367***	-10.981***	-11.063***	-11.157***
	(1.698)	(1.716)	(1.700)	(1.688)
ln_p				
Constant	1.071***	1.027***	1.038***	1.055***
	(0.150)	(0.159)	(0.157)	(0.154)
Observations	2385	2385	2385	2385
χ^2	42.895	42.926	36.429	31.293
N Subject	109.000	109.000	109.000	109.000
N Failures	70.000	70.000	70.000	70.000

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A65: Env. Aid (broad) and Democratization: Non-OECD Sample

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.427	0.584*	0.520	0.659*	0.660*
	(0.349)	(0.344)	(0.391)	(0.398)	(0.398)
Environmental Aid (broad, m$)	0.004	0.003	0.003	0.004**	0.004**
	(0.003)	(0.002)	(0.002)	(0.002)	(0.002)
Democratization * Env. Aid	0.019**	0.014*	0.017*	0.016*	0.016*
	(0.009)	(0.008)	(0.010)	(0.010)	(0.010)
GDP per capita (K$)	-0.073*	-0.072*	-0.071**	-0.071**	-0.071**
	(0.039)	(0.038)	(0.035)	(0.036)	(0.036)
Pop. Density	0.002***	0.002***	0.002***	0.002***	0.002***
	(0.001)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.002	0.002	0.002	0.002
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.007	0.005	0.006	0.005	0.005
	(0.010)	(0.010)	(0.011)	(0.011)	(0.011)
Lowess (Env. Ministries on Time)			102.291***		
			(19.960)		
Log Time				151.860***	
				(25.241)	
Squared Time					0.000***
					(0.000)
Constant		-12.552***	-6.999***	-1157.265***	-79.571***
		(1.604)	(0.846)	(191.638)	(12.516)
ln_p					
Constant		1.184***			
		(0.125)			
Observations	2385	2385	2385	2385	2385
χ^2	26.359	27.081	99.706	99.261	99.252
N Subject	109.000	109.000			
N Failures	70.000	70.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A66: Env. Aid (narrow) and Democratization: Non-OECD Sample

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.658**	0.774**	0.776**	0.872**	0.873**
	(0.322)	(0.314)	(0.345)	(0.349)	(0.349)
Environmental Aid (narrow, m$)	0.005	0.005	0.004	0.006	0.006
	(0.006)	(0.006)	(0.004)	(0.004)	(0.004)
Democratization * Env. Aid	0.003	0.013	-0.026	0.022	0.022
	(0.116)	(0.101)	(0.094)	(0.096)	(0.096)
GDP per capita (K$)	-0.069*	-0.068*	-0.069**	-0.068*	-0.068*
	(0.038)	(0.037)	(0.035)	(0.035)	(0.035)
Pop. Density	0.002***	0.002***	0.002***	0.001***	0.001***
	(0.001)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.001	0.001	0.001	0.001	0.001
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.007	0.005	0.006	0.005	0.005
	(0.010)	(0.010)	(0.011)	(0.011)	(0.011)
Lowess (Env. Ministries on Time)			100.314***		
			(19.869)		
Log Time				144.899***	
				(25.601)	
Squared Time					0.000***
					(0.000)
Constant		-12.141***	-6.836***	-1104.319***	-76.012***
		(1.565)	(0.826)	(194.349)	(12.680)
ln_p					
Constant		1.157***			
		(0.126)			
Observations	2385	2385	2385	2385	2385
χ^2	20.225	22.869	93.329	89.913	89.834
N Subject	109.000	109.000			
N Failures	70.000	70.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A67: Regional Peer Pressure and Democratization: Non-OECD Sample

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.188	0.434	0.375	0.479	0.479
	(0.386)	(0.365)	(0.338)	(0.336)	(0.336)
Regional Pressure	0.031*	0.003	0.012	0.019	0.019
	(0.016)	(0.012)	(0.008)	(0.014)	(0.014)
Regional Pressure * Democratization	0.017*	0.016*	0.021**	0.019**	0.019**
	(0.010)	(0.009)	(0.009)	(0.008)	(0.008)
GDP per capita (K$)	-0.061*	-0.061*	-0.061*	-0.060*	-0.059*
	(0.037)	(0.036)	(0.033)	(0.033)	(0.033)
Pop. Density	0.002***	0.002***	0.002***	0.002***	0.002***
	(0.001)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	-0.000	0.000	0.000	-0.000	-0.000
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.009	0.006	0.007	0.007	0.007
	(0.010)	(0.010)	(0.011)	(0.011)	(0.011)
Lowess (Env. Ministries on Time)			74.811***		
			(22.684)		
Log Time				103.892	
				(69.719)	
Squared Time					0.000
					(0.000)
Constant		-13.421***	-6.375***	-793.320	-55.425
		(2.851)	(0.810)	(529.093)	(34.647)
ln_p					
Constant		1.262***			
		(0.241)			
Observations	2265	2265	2265	2265	2265
χ^2	26.263	24.604	101.999	108.304	108.294
N Subject	109.000	109.000			
N Failures	69.000	69.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A68: Peer Pressure and Democratization: Non-OECD Sample

	(1) Weibull	(2) Logit Lowess	(3) Logit Log	(4) Logit Square
main				
Democratization (t - t-3)	0.553	0.338	0.667	0.670
	(0.668)	(0.767)	(0.567)	(0.565)
Sum of Ministries (t-1)	-0.024***	-0.004	-0.021*	-0.021*
	(0.008)	(0.005)	(0.011)	(0.011)
Sum Ministries * Democratization	0.003	0.006	0.003	0.003
	(0.009)	(0.010)	(0.008)	(0.008)
GDP per capita (K$)	-0.066*	-0.063*	-0.064**	-0.064**
	(0.037)	(0.033)	(0.033)	(0.033)
Pop. Density	0.002***	0.002***	0.002***	0.002***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.002	0.002	0.002
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.004	0.004	0.003	0.003
	(0.010)	(0.011)	(0.011)	(0.011)
o.OECD Membership (real)	0.000	0.000	0.000	0.000
	(.)	(.)	(.)	(.)
Lowess (Env. Ministries on Time)		111.167***		
		(23.113)		
Log Time			328.361***	
			(101.477)	
Squared Time				0.000***
				(0.000)
Constant	-20.962***	-6.830***	-2496.451***	-166.001***
	(3.727)	(0.837)	(770.070)	(50.462)
ln_p				
Constant	1.804***			
	(0.192)			
Observations	2385	2385	2385	2385
χ^2	30.982	100.051	98.841	98.777
N Subject	109.000			
N Failures	70.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A69: Survival Model – International Pressure: w/o Flagged Ctries

	(1) Rio	(2) Rio+	(3) Rio ++	(4) Rio to Kyoto
_t				
Democratization (t - t-3)	0.221	0.280	0.292	0.314
	(0.382)	(0.383)	(0.383)	(0.383)
Period 1992-1994	0.812***			
	(0.303)			
Democratization * 92-94	1.200**			
	(0.559)			
GDP per capita (K$)	-0.077***	-0.077***	-0.077***	-0.077***
	(0.026)	(0.027)	(0.026)	(0.026)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.012	0.012	0.012	0.011
	(0.010)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	2.016***	2.013***	2.004***	2.012***
	(0.399)	(0.400)	(0.399)	(0.398)
Period 1992-1995		0.831***		
		(0.286)		
Democratization * 92-95		1.016*		
		(0.546)		
Period 1992-1996			0.663**	
			(0.286)	
Democratization * 92-96			1.035*	
			(0.544)	
Period 1992-1997				0.532*
				(0.287)
Democratization * 92-97				0.986*
				(0.542)
Constant	-10.494***	-10.224***	-10.256***	-10.269***
	(1.443)	(1.454)	(1.456)	(1.460)
ln_p				
Constant	0.965***	0.935***	0.939***	0.945***
	(0.132)	(0.138)	(0.138)	(0.139)
Observations	2476	2476	2476	2476
χ^2	63.239	61.871	57.346	53.446
N Subject	126.000	126.000	126.000	126.000
N Failures	94.000	94.000	94.000	94.000

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A70: Env. Aid (broad) and Democratization: w/o Flagged Ctries

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.635**	0.638**	0.618**	0.677**	0.678**
	(0.298)	(0.295)	(0.314)	(0.323)	(0.323)
Environmental Aid (broad, m$)	0.001	0.001	0.001	0.002	0.002
	(0.002)	(0.002)	(0.002)	(0.002)	(0.002)
Democratization * Env. Aid	0.004	0.006	0.008**	0.008**	0.008**
	(0.004)	(0.004)	(0.004)	(0.004)	(0.004)
GDP per capita (K$)	-0.075***	-0.077***	-0.081***	-0.078***	-0.078***
	(0.027)	(0.026)	(0.027)	(0.027)	(0.027)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.003	0.004	0.004	0.004	0.004
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.011	0.009	0.011	0.009	0.009
	(0.010)	(0.010)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.985***	2.051***	2.174***	2.113***	2.111***
	(0.398)	(0.388)	(0.473)	(0.433)	(0.432)
Lowess (Env. Ministries on Time)			77.206***		
			(12.921)		
Log Time				153.619***	
				(24.614)	
Squared Time					0.000***
					(0.000)
Constant		-11.501***	-6.315***	-1170.719***	-80.775***
		(1.385)	(0.717)	(186.973)	(12.326)
ln_p					
Constant		1.084***			
		(0.111)			
Observations	2476	2476	2476	2476	2476
χ^2	39.206	45.157	111.462	109.769	109.860
N Subject	126.000	126.000			
N Failures	94.000	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A71: Env. Aid (narrow) and Democratization: w/o Flagged Ctries

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.681**	0.715**	0.711**	0.772**	0.772**
	(0.282)	(0.278)	(0.293)	(0.301)	(0.301)
Environmental Aid (narrow, m$)	0.001	0.003	0.002	0.003	0.003
	(0.006)	(0.005)	(0.004)	(0.004)	(0.004)
Democratization * Env. Aid	0.013	0.015	0.035**	0.041**	0.041**
	(0.010)	(0.009)	(0.014)	(0.019)	(0.020)
GDP per capita (K$)	-0.075***	-0.076***	-0.080***	-0.077***	-0.077***
	(0.027)	(0.026)	(0.027)	(0.026)	(0.026)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.003	0.004	0.004	0.004	0.004
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.011	0.009	0.011	0.009	0.009
	(0.010)	(0.010)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.966***	2.015***	2.136***	2.064***	2.062***
	(0.399)	(0.387)	(0.460)	(0.415)	(0.414)
Lowess (Env. Ministries on Time)			75.815***		
			(12.913)		
Log Time				149.647***	
				(24.656)	
Squared Time					0.000***
					(0.000)
Constant		-11.354***	-6.245***	-1140.512***	-78.744***
		(1.379)	(0.712)	(187.293)	(12.343)
ln_p					
Constant		1.073***			
		(0.112)			
Observations	2476	2476	2476	2476	2476
χ^2	38.813	44.904	117.420	107.507	107.537
N Subject	126.000	126.000			
N Failures	94.000	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A72: Peer Pressure and Democratization: w/o Flagged Ctries

	(1) Weibull	(2) Logit Lowess	(3) Logit Log	(4) Logit Square
main				
Democratization (t - t-3)	0.052	-0.012	0.086	0.087
	(0.533)	(0.577)	(0.513)	(0.512)
Sum of Ministries (t-1)	-0.007	0.000	-0.008	-0.008
	(0.006)	(0.004)	(0.010)	(0.010)
Sum Ministries * Democratization	0.012*	0.014*	0.013*	0.013*
	(0.007)	(0.008)	(0.008)	(0.008)
GDP per capita (K$)	-0.071***	-0.078***	-0.072***	-0.072***
	(0.026)	(0.027)	(0.026)	(0.026)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.004	0.004	0.004	0.004
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.007	0.010	0.007	0.007
	(0.010)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.995***	2.147***	2.061***	2.060***
	(0.388)	(0.447)	(0.403)	(0.403)
Lowess (Env. Ministries on Time)		71.719***		
		(16.515)		
Log Time			203.853**	
			(84.313)	
Squared Time				0.000**
				(0.000)
Constant	-12.762***	-6.085***	-1551.664**	-105.754**
	(2.274)	(0.709)	(639.781)	(42.057)
ln_p				
Constant	1.238***			
	(0.200)			
Observations	2476	2476	2476	2476
χ^2	45.026	105.769	105.479	105.558
N Subject	126.000			
N Failures	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A73: Regional Peer Pressure and Democratization: w/o Flagged Ctries

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.347	0.401	0.383	0.414	0.414
	(0.353)	(0.341)	(0.332)	(0.335)	(0.335)
Regional Pressure	0.041***	0.028***	0.029***	0.043***	0.043***
	(0.012)	(0.009)	(0.008)	(0.013)	(0.013)
Regional Pressure * Democratization	0.016	0.015	0.022**	0.020**	0.020**
	(0.010)	(0.009)	(0.009)	(0.009)	(0.009)
GDP per capita (K$)	-0.073**	-0.081***	-0.087***	-0.079***	-0.079***
	(0.029)	(0.028)	(0.028)	(0.026)	(0.026)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.000	0.001	0.002	0.001	0.001
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.014	0.014	0.016	0.014	0.014
	(0.010)	(0.010)	(0.011)	(0.011)	(0.011)
OECD Membership (real)	1.421***	1.669***	1.814***	1.507***	1.504***
	(0.441)	(0.419)	(0.420)	(0.397)	(0.398)
Lowess (Env. Ministries on Time)			32.809**		
			(16.725)		
Log Time				-11.679	
				(60.835)	
Squared Time					-0.000
					(0.000)
Constant			-7.877***	-5.853***	83.494	1.183
			(2.058)	(0.728)	(461.623)	(30.218)
ln_p					
Constant		0.570*			
		(0.314)			
Observations	2377	2377	2377	2377	2377
χ^2	50.681	52.125	121.346	123.730	123.733
N Subject	126.000	126.000			
N Failures	92.000	92.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

A7.7 Further Control Variables

Table A74: Survival Model – International Pressure: Post-Communism Dummy

	(1) Rio	(2) Rio+	(3) Rio ++	(4) Rio to Kyoto
_t				
Democratization (t - t-3)	0.219	0.275	0.275	0.284
	(0.382)	(0.383)	(0.383)	(0.383)
Period 1992-1994	0.878***			
	(0.302)			
Democratization * 92-94	1.115**			
	(0.561)			
GDP per capita (K$)	-0.060**	-0.061**	-0.060**	-0.059**
	(0.025)	(0.025)	(0.025)	(0.025)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.001	0.001	0.001	0.001
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.011	0.011	0.011	0.010
	(0.009)	(0.009)	(0.009)	(0.009)
OECD Membership (real)	1.930***	1.924***	1.912***	1.916***
	(0.405)	(0.405)	(0.404)	(0.403)
Post Communism Country/Year	1.069**	1.003**	0.965**	0.937**
	(0.463)	(0.463)	(0.464)	(0.464)
Period 1992-1995		0.861***		
		(0.285)		
Democratization * 92-95		0.966*		
		(0.550)		
Period 1992-1996			0.658**	
			(0.286)	
Democratization * 92-96			1.052*	
			(0.549)	
Period 1992-1997				0.499*
				(0.288)
Democratization * 92-97				1.066*
				(0.549)
Constant	-9.412***	-9.209***	-9.263***	-9.305***
	(1.366)	(1.377)	(1.378)	(1.381)
ln_p				
Constant	0.835***	0.808***	0.818***	0.830***
	(0.147)	(0.153)	(0.152)	(0.152)
Observations	2729	2729	2729	2729
χ^2	64.494	62.868	58.230	54.437
N Subject	134.000	134.000	134.000	134.000
N Failures	94.000	94.000	94.000	94.000

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A75: Env. Aid (broad) and Democratization: Post-Communism Dummy

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.596**	0.613**	0.604*	0.641**	0.641**
	(0.299)	(0.295)	(0.310)	(0.321)	(0.321)
Environmental Aid (broad, m$)	0.002	0.002	0.002	0.002	0.002
	(0.002)	(0.002)	(0.002)	(0.002)	(0.002)
Democratization * Env. Aid	0.004	0.006	0.008**	0.008**	0.008**
	(0.004)	(0.004)	(0.004)	(0.004)	(0.004)
GDP per capita (K$)	-0.058**	-0.059**	-0.065**	-0.058**	-0.058**
	(0.025)	(0.025)	(0.026)	(0.025)	(0.025)
Pop. Density	0.001***	0.001***	0.002***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.002	0.002	0.002	0.002
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.009	0.007	0.009	0.007	0.007
	(0.009)	(0.009)	(0.009)	(0.009)	(0.009)
OECD Membership (real)	1.896***	1.961***	2.112***	1.981***	1.980***
	(0.400)	(0.392)	(0.448)	(0.399)	(0.398)
Post Communism Country/Year	1.122**	0.901**	1.101**	0.982*	0.982*
	(0.488)	(0.458)	(0.484)	(0.552)	(0.552)
Lowess (Env. Ministries on Time)			69.620***		
			(13.137)		
Log Time				123.051***	
				(23.906)	
Squared Time					0.000***
					(0.000)
Constant		-10.366***	-6.165***	-938.601***	-65.493***
		(1.311)	(0.663)	(181.526)	(11.899)
ln_p					
Constant		0.969***			
		(0.122)			
Observations	2729	2729	2729	2729	2729
χ^2	42.214	46.868	111.601	117.910	117.991
N Subject	134.000	134.000			
N Failures	94.000	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A76: Env. Aid (narrow) and Democratization: Post-Communism Dummy

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.646**	0.691**	0.694**	0.733**	0.733**
	(0.284)	(0.279)	(0.292)	(0.305)	(0.305)
Environmental Aid (narrow, m$)	0.003	0.005	0.004	0.005	0.005
	(0.005)	(0.005)	(0.003)	(0.003)	(0.003)
Democratization * Env. Aid	0.014	0.014	0.041*	0.055	0.055
	(0.009)	(0.009)	(0.022)	(0.060)	(0.060)
GDP per capita (K$)	-0.058**	-0.059**	-0.065**	-0.057**	-0.057**
	(0.026)	(0.025)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.002***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.001	0.002	0.002	0.002	0.002
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.010	0.007	0.010	0.007	0.007
	(0.009)	(0.009)	(0.009)	(0.009)	(0.009)
OECD Membership (real)	1.874***	1.918***	2.065***	1.924***	1.922***
	(0.401)	(0.392)	(0.433)	(0.381)	(0.380)
Post Communism Country/Year	1.128**	0.901**	1.101**	0.996*	0.996*
	(0.487)	(0.457)	(0.480)	(0.548)	(0.548)
Lowess (Env. Ministries on Time)			67.915***		
			(13.108)		
Log Time				117.956***	
				(24.087)	
Squared Time					0.000***
					(0.000)
Constant		-10.194***	-6.087***	-899.872***	-62.912***
		(1.304)	(0.658)	(182.896)	(11.988)
ln_p					
Constant		0.954***			
		(0.123)			
Observations	2729	2729	2729	2729	2729
χ^2	41.496	46.344	105.426	102.184	102.209
N Subject	134.000	134.000			
N Failures	94.000	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A77: Peer Pressure and Democratization: Post-Communism Dummy

	(1) Weibull	(2) Logit Lowess	(3) Logit Log	(4) Logit Square
main				
Democratization (t - t-3)	0.191	0.078	0.257	0.259
	(0.524)	(0.554)	(0.475)	(0.474)
Sum of Ministries (t-1)	-0.011*	-0.005	-0.013	-0.013
	(0.007)	(0.005)	(0.010)	(0.010)
Sum Ministries * Democratization	0.009	0.012	0.009	0.009
	(0.007)	(0.008)	(0.007)	(0.007)
GDP per capita (K$)	-0.055**	-0.061**	-0.055**	-0.055**
	(0.025)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.001	0.002	0.002
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.008	0.010	0.007	0.007
	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.873***	2.017***	1.908***	1.906***
	(0.389)	(0.424)	(0.379)	(0.378)
Post Communism Country/Year	1.077**	1.213**	1.116**	1.115**
	(0.473)	(0.495)	(0.550)	(0.551)
Lowess (Env. Ministries on Time)		76.618***		
		(17.029)		
Log Time			211.704**	
			(84.437)	
Squared Time				0.000**
				(0.000)
Constant	-12.987***	-6.086***	-1611.166**	-109.484***
	(2.266)	(0.677)	(640.741)	(42.145)
ln_p				
Constant	1.265***			
	(0.196)			
Observations	2729	2729	2729	2729
χ^2	45.980	100.649	105.703	105.825
N Subject	134.000			
N Failures	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A78: Regional Peer Pressure and Democratization: Post-Communism Dummy

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.310	0.423	0.415	0.441	0.441
	(0.347)	(0.331)	(0.311)	(0.313)	(0.313)
Regional Pressure	0.039***	0.023**	0.022***	0.039***	0.039***
	(0.013)	(0.010)	(0.008)	(0.013)	(0.013)
Regional Pressure * Democratization	0.016*	0.014	0.020**	0.018**	0.018**
	(0.010)	(0.009)	(0.008)	(0.008)	(0.008)
GDP per capita (K$)	-0.057**	-0.060**	-0.065***	-0.056**	-0.056**
	(0.027)	(0.026)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	-0.001	0.000	0.000	-0.000	-0.000
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.012	0.010	0.012	0.010	0.010
	(0.009)	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.371***	1.610***	1.760***	1.418***	1.414***
	(0.443)	(0.421)	(0.405)	(0.388)	(0.388)
Post Communism Country/Year	0.828*	0.478	0.675	0.500	0.499
	(0.491)	(0.480)	(0.507)	(0.528)	(0.528)
Lowess (Env. Ministries on Time)			35.086**		
			(17.030)		
Log Time				-18.505	
				(61.608)	
Squared Time					-0.000
					(0.000)
Constant		-7.615***	-5.675***	135.511	4.887
		(2.038)	(0.677)	(467.532)	(30.655)
ln_p					
Constant		0.563*			
		(0.320)			
Observations	2604	2604	2604	2604	2604
χ^2	50.639	49.117	115.332	121.542	121.572
N Subject	134.000	134.000			
N Failures	92.000	92.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A79: Survival Model – International Pressure: with Polity

	(1) Rio	(2) Rio+	(3) Rio ++	(4) Rio to Kyoto
_t				
Democratization (t - t-3)	0.105	0.168	0.174	0.184
	(0.386)	(0.388)	(0.388)	(0.388)
Period 1992-1994	0.862***			
	(0.302)			
Democratization * 92-94	0.989*			
	(0.558)			
Democracy (Polity IV)	0.035*	0.035*	0.034*	0.035*
	(0.018)	(0.018)	(0.018)	(0.018)
GDP per capita (K$)	-0.058**	-0.058**	-0.058**	-0.058**
	(0.026)	(0.026)	(0.026)	(0.026)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.002	0.002	0.002
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.003	0.003	0.003	0.003
	(0.009)	(0.009)	(0.009)	(0.009)
OECD Membership (real)	1.628***	1.624***	1.616***	1.619***
	(0.437)	(0.438)	(0.437)	(0.436)
Period 1992-1995		0.864***		
		(0.286)		
Democratization * 92-95		0.829		
		(0.546)		
Period 1992-1996			0.671**	
			(0.286)	
Democratization * 92-96			0.907*	
			(0.544)	
Period 1992-1997				0.523*
				(0.287)
Democratization * 92-97				0.918*
				(0.542)
Constant	-8.833***	-8.606***	-8.656***	-8.684***
	(1.406)	(1.418)	(1.418)	(1.421)
ln_p				
Constant	0.824***	0.792***	0.799***	0.808***
	(0.148)	(0.156)	(0.155)	(0.155)
Observations	2729	2729	2729	2729
χ^2	64.021	62.826	58.342	54.808
N Subject	134.000	134.000	134.000	134.000
N Failures	94.000	94.000	94.000	94.000

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A80: Env. Aid (broad) and Democratization: with Polity

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.412	0.455	0.418	0.466	0.467
	(0.308)	(0.303)	(0.307)	(0.315)	(0.315)
Environmental Aid (broad, m$)	0.002	0.002	0.001	0.002	0.002
	(0.002)	(0.002)	(0.002)	(0.002)	(0.002)
Democratization * Env. Aid	0.005	0.006*	0.009**	0.009**	0.009**
	(0.004)	(0.004)	(0.004)	(0.004)	(0.004)
Democracy (Polity IV)	0.040**	0.039**	0.040**	0.042**	0.042**
	(0.018)	(0.018)	(0.019)	(0.019)	(0.019)
GDP per capita (K$)	-0.055**	-0.057**	-0.063**	-0.056**	-0.056**
	(0.027)	(0.026)	(0.027)	(0.026)	(0.026)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.003	0.004	0.004	0.004	0.004
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.001	-0.000	0.001	-0.001	-0.001
	(0.009)	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.565***	1.639***	1.763***	1.638***	1.636***
	(0.432)	(0.424)	(0.477)	(0.433)	(0.433)
Lowess (Env. Ministries on Time)			67.231***		
			(12.970)		
Log Time				117.828***	
				(22.996)	
Squared Time					0.000***
					(0.000)
Constant		-9.654***	-5.557***	-898.434***	-62.389***
		(1.351)	(0.694)	(174.641)	(11.474)
ln_p					
Constant		0.943***			
		(0.125)			
Observations	2729	2729	2729	2729	2729
χ^2	42.931	48.317	103.137	109.604	109.698
N Subject	134.000	134.000			
N Failures	94.000	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A81: Env. Aid (narrow) and Democratization: with Polity

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.469	0.540*	0.523*	0.573*	0.573*
	(0.293)	(0.287)	(0.288)	(0.296)	(0.296)
Environmental Aid (narrow, m$)	0.002	0.003	0.003	0.004	0.004
	(0.006)	(0.005)	(0.004)	(0.004)	(0.004)
Democratization * Env. Aid	0.015	0.016*	0.040**	0.048	0.049
	(0.010)	(0.009)	(0.017)	(0.034)	(0.034)
Democracy (Polity IV)	0.040**	0.038**	0.039**	0.041**	0.041**
	(0.018)	(0.018)	(0.019)	(0.019)	(0.019)
GDP per capita (K$)	-0.056**	-0.057**	-0.062**	-0.056**	-0.056**
	(0.027)	(0.026)	(0.026)	(0.025)	(0.025)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.003	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.001	0.000	0.001	-0.001	-0.001
	(0.009)	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.550***	1.607***	1.729***	1.595***	1.593***
	(0.433)	(0.423)	(0.465)	(0.417)	(0.417)
Lowess (Env. Ministries on Time)			65.834***		
			(12.951)		
Log Time				113.822***	
				(23.119)	
Squared Time					0.000***
					(0.000)
Constant		-9.524***	-5.506***	-867.995***	-60.363***
		(1.344)	(0.692)	(175.573)	(11.536)
ln_p					
Constant		0.931***			
		(0.126)			
Observations	2729	2729	2729	2729	2729
χ^2	42.045	47.593	102.190	98.347	98.378
N Subject	134.000	134.000			
N Failures	94.000	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A82: Peer Pressure and Democratization: with Polity

	(1) Weibull	(2) Logit Lowess	(3) Logit Log	(4) Logit Square
main				
Democratization (t - t-3)	0.096	-0.010	0.154	0.156
	(0.532)	(0.566)	(0.481)	(0.480)
Sum of Ministries (t-1)	-0.010	-0.003	-0.010	-0.010
	(0.006)	(0.004)	(0.010)	(0.010)
Sum Ministries * Democratization	0.008	0.010	0.008	0.008
	(0.007)	(0.008)	(0.007)	(0.007)
Democracy (Polity IV)	0.040**	0.040**	0.042**	0.042**
	(0.018)	(0.019)	(0.019)	(0.019)
GDP per capita (K$)	-0.052**	-0.058**	-0.052**	-0.052**
	(0.026)	(0.026)	(0.025)	(0.025)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	-0.001	0.001	-0.001	-0.001
	(0.010)	(0.011)	(0.011)	(0.011)
OECD Membership (real)	1.534***	1.673***	1.556***	1.554***
	(0.423)	(0.457)	(0.414)	(0.413)
Lowess (Env. Ministries on Time)		71.624***		
		(16.485)		
Log Time			189.084**	
			(83.665)	
Squared Time				0.000**
				(0.000)
Constant	-11.935***	-5.484***	-1439.008**	-97.668**
	(2.246)	(0.702)	(634.879)	(41.756)
ln_p				
Constant	1.212***			
	(0.204)			
Observations	2729	2729	2729	2729
χ^2	46.652	92.457	98.247	98.418
N Subject	134.000			
N Failures	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A83: Regional Peer Pressure and Democratization: with Polity

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.155	0.292	0.276	0.314	0.315
	(0.350)	(0.332)	(0.302)	(0.303)	(0.303)
Regional Pressure	0.038***	0.022**	0.022***	0.038***	0.038***
	(0.012)	(0.009)	(0.007)	(0.012)	(0.013)
Regional Pressure * Democratization	0.018*	0.016*	0.021**	0.019**	0.019**
	(0.009)	(0.009)	(0.008)	(0.008)	(0.008)
Democracy (Polity IV)	0.034*	0.034*	0.035*	0.035*	0.035*
	(0.018)	(0.018)	(0.019)	(0.019)	(0.019)
GDP per capita (K$)	-0.055*	-0.059**	-0.064**	-0.056**	-0.056**
	(0.028)	(0.027)	(0.026)	(0.025)	(0.025)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.000	0.001	0.001	0.000	0.000
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.007	0.005	0.006	0.006	0.006
	(0.010)	(0.009)	(0.011)	(0.011)	(0.011)
OECD Membership (real)	1.078**	1.317***	1.453***	1.132***	1.129***
	(0.466)	(0.447)	(0.437)	(0.421)	(0.421)
Lowess (Env. Ministries on Time)			31.828*		
			(16.610)		
Log Time				-20.521	
				(60.564)	
Squared Time					-0.000
					(0.000)
Constant		-7.066***	-5.238***	151.141	6.175
		(2.014)	(0.705)	(459.598)	(30.126)
ln_p					
Constant		0.526			
		(0.327)			
Observations	2604	2604	2604	2604	2604
χ^2	51.618	51.663	110.318	119.784	119.819
N Subject	134.000	134.000			
N Failures	92.000	92.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

	(1) Rio	(2) Rio+	(3) Rio ++	(4) Rio to Kyoto
_t				
Democratization (t - t-3)	0.174 (0.383)	0.237 (0.384)	0.241 (0.384)	0.253 (0.385)
Period 1992-1994	0.861*** (0.303)			
Democratization * 92-94	1.036* (0.559)			
Autocratization (t - t-3)	-1.180 (1.012)	-1.123 (1.012)	-1.109 (1.012)	-1.075 (1.012)
Autocratization * 92-94	-12.598 (1632.145)			
GDP per capita (K$)	-0.061** (0.025)	-0.062** (0.025)	-0.061** (0.025)	-0.061** (0.025)
Pop. Density	0.001*** (0.000)	0.001*** (0.000)	0.001*** (0.000)	0.001*** (0.000)
Trade Openness (% of GDP)	0.002 (0.003)	0.002 (0.003)	0.002 (0.003)	0.002 (0.003)
Service sector (% of GDP)	0.007 (0.009)	0.007 (0.009)	0.007 (0.009)	0.007 (0.009)
OECD Membership (real)	1.944*** (0.406)	1.939*** (0.406)	1.928*** (0.405)	1.934*** (0.404)
Period 1992-1995		0.875*** (0.286)		
Democratization * 92-95		0.866 (0.547)		
Autocratization * 92-95		-13.309 (1796.700)		
Period 1992-1996			0.692** (0.286)	
Democratization * 92-96			0.938* (0.545)	
Autocratization * 92-96			-12.922 (1359.131)	
Period 1992-1997				0.555* (0.287)
Democratization * 92-97				0.937* (0.543)
Autocratization * 92-97				-12.852 (1142.587)
Constant	-9.512*** (1.366)	-9.266*** (1.380)	-9.297*** (1.382)	-9.323*** (1.387)

Table A85: Env. Aid (broad) and Democratization: with Autocratization

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.530*	0.547*	0.537*	0.568*	0.568*
	(0.300)	(0.297)	(0.319)	(0.329)	(0.329)
Environmental Aid (broad, m$)	0.002	0.002	0.002	0.002	0.002
	(0.002)	(0.002)	(0.002)	(0.002)	(0.002)
Democratization * Env. Aid	0.005	0.006	0.008**	0.009**	0.009**
	(0.004)	(0.004)	(0.004)	(0.004)	(0.004)
Autocratization (t - t-3)	-0.803	-0.851	-0.781	-0.937	-0.938
	(1.054)	(1.054)	(1.033)	(1.037)	(1.037)
Autocratization * Env. Aid	-0.133	-0.148	-0.157***	-0.142***	-0.142***
	(0.301)	(0.318)	(0.032)	(0.030)	(0.030)
GDP per capita (K$)	-0.058**	-0.060**	-0.065**	-0.060**	-0.060**
	(0.025)	(0.025)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.003	0.003	0.003	0.003
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.005	0.004	0.005	0.004	0.004
	(0.009)	(0.009)	(0.009)	(0.009)	(0.009)
OECD Membership (real)	1.917***	1.982***	2.115***	2.017***	2.015***
	(0.404)	(0.395)	(0.439)	(0.393)	(0.393)
Lowess (Env. Ministries on Time)			71.010***		
			(12.889)		
Log Time				130.962***	
				(22.921)	
Squared Time					0.000***
					(0.000)
Constant		-10.406***	-5.910***	-998.424***	-69.205***
		(1.305)	(0.660)	(174.057)	(11.417)
ln_p					
Constant		0.998***			
		(0.117)			
Observations	2729	2729	2729	2729	2729
χ^2	40.905	47.099	143.859	146.195	146.287
N Subject	134.000	134.000			
N Failures	94.000	94.000			

Standard errors in parentheses
* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A86: Env. Aid (narrow) and Democratization: with Autocratization

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.582**	0.629**	0.632**	0.666**	0.667**
	(0.285)	(0.281)	(0.300)	(0.312)	(0.312)
Environmental Aid (narrow, m$)	0.002	0.004	0.003	0.004	0.004
	(0.005)	(0.005)	(0.003)	(0.003)	(0.003)
Democratization * Env. Aid	0.014	0.015*	0.040**	0.051	0.051
	(0.009)	(0.009)	(0.018)	(0.044)	(0.044)
Autocratization (t - t-3)	-1.175	-1.218	-1.189	-1.296	-1.297
	(1.014)	(1.010)	(1.038)	(1.038)	(1.038)
Autocratization * Env. Aid	-679.618	-209.643			
	(.)	(33921.070)			
GDP per capita (K$)	-0.058**	-0.060**	-0.064**	-0.059**	-0.059**
	(0.025)	(0.025)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.002	0.002	0.003	0.002	0.002
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.006	0.004	0.006	0.004	0.004
	(0.009)	(0.009)	(0.010)	(0.009)	(0.009)
OECD Membership (real)	1.885***	1.938***	2.063***	1.958***	1.956***
	(0.405)	(0.394)	(0.428)	(0.380)	(0.380)
o.Autocratization * Env. Aid			0.000	0.000	0.000
			(.)	(.)	(.)
Lowess (Env. Ministries on Time)			69.597***		
			(12.909)		
Log Time				127.001***	
				(23.119)	
Squared Time					0.000***
					(0.000)
Constant		-10.276***	-5.848***	-968.311***	-67.193***
		(1.301)	(0.657)	(175.558)	(11.513)
ln_p					
Constant		0.987***			
		(0.118)			
Observations	2729	2729	2722	2722	2722
χ^2	39.680	46.155	104.253	98.544	98.595
N Subject	134.000	134.000			
N Failures	94.000	94.000			

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Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A87: Peer Pressure and Democratization: with Autocratization

	(1) Weibull	(2) Logit Lowess	(3) Logit Log	(4) Logit Square
main				
Democratization (t - t-3)	0.214	0.120	0.270	0.272
	(0.524)	(0.564)	(0.488)	(0.487)
Sum of Ministries (t-1)	-0.008	-0.001	-0.008	-0.008
	(0.006)	(0.004)	(0.010)	(0.010)
Sum Ministries * Democratization	0.008	0.010	0.008	0.008
	(0.007)	(0.008)	(0.007)	(0.007)
Autocratization (t - t-3)	-0.647	-0.628	-0.833	-0.836
	(1.470)	(1.086)	(1.076)	(1.076)
Autocratization * Peer Pressure	-0.016	-0.016***	-0.013***	-0.013***
	(0.033)	(0.006)	(0.005)	(0.005)
GDP per capita (K$)	-0.056**	-0.061**	-0.056**	-0.056**
	(0.025)	(0.025)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	0.003	0.002	0.002	0.002
	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.004	0.006	0.004	0.004
	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.893***	2.037***	1.932***	1.930***
	(0.391)	(0.421)	(0.376)	(0.375)
Lowess (Env. Ministries on Time)		71.734***		
		(16.559)		
Log Time			188.458**	
			(84.282)	
Squared Time				0.000**
				(0.000)
Constant	-12.314***	-5.830***	-1434.602**	-97.684**
	(2.251)	(0.675)	(639.569)	(42.067)
ln_p				
Constant	1.216***			
	(0.204)			
Observations	2729	2729	2729	2729
χ^2	44.628	95.300	101.372	101.544
N Subject	134.000			
N Failures	94.000			

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A88: Regional Peer Pressure and Democratization: with Autocratization

	(1) Cox	(2) Weibull	(3) Logit Lowess	(4) Logit Log	(5) Logit Square
main					
Democratization (t - t-3)	0.202	0.344	0.329	0.356	0.355
	(0.353)	(0.331)	(0.316)	(0.317)	(0.317)
Regional Pressure	0.044***	0.026***	0.025***	0.043***	0.043***
	(0.013)	(0.009)	(0.008)	(0.013)	(0.013)
Regional Pressure * Democratization	0.019*	0.016*	0.021**	0.019**	0.019**
	(0.010)	(0.009)	(0.008)	(0.008)	(0.008)
Autocratization (t - t-3)	-0.732	-0.640	-0.570	-0.766	-0.767
	(1.269)	(1.288)	(1.064)	(1.053)	(1.053)
Autocratization * Reg. Peer Pressure	-0.029	-0.033	-0.037***	-0.032***	-0.032***
	(0.052)	(0.055)	(0.009)	(0.008)	(0.008)
GDP per capita (K$)	-0.056**	-0.062**	-0.067***	-0.059**	-0.059**
	(0.027)	(0.026)	(0.026)	(0.024)	(0.024)
Pop. Density	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Trade Openness (% of GDP)	-0.001	0.000	0.000	-0.000	-0.000
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)
Service sector (% of GDP)	0.011	0.009	0.010	0.009	0.009
	(0.009)	(0.009)	(0.010)	(0.010)	(0.010)
OECD Membership (real)	1.279***	1.578***	1.725***	1.378***	1.373***
	(0.448)	(0.423)	(0.403)	(0.390)	(0.390)
Lowess (Env. Ministries on Time)			30.941*		
			(16.987)		
Log Time				-31.566	
				(61.763)	
Squared Time					-0.000
					(0.000)
Constant		-7.169***	-5.497***	234.714	11.474
		(2.046)	(0.678)	(468.712)	(30.728)
ln_p					
Constant		0.500			
		(0.340)			
Observations	2604	2604	2604	2604	2604
χ^2	51.290	51.588	117.247	127.622	127.675
N Subject	134.000	134.000			
N Failures	92.000	92.000			

Standard errors in parentheses
* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

A7.8 Environmental Ministries and Environmental Outcomes

In this section, we present the estimates of (country) fixed effects models that show that the creation of an environmental ministry is associated with a drop in per-capita carbon dioxide and sulfur oxide emissions.

Table A89: Environmental Ministries and Carbon Dioxide

	FE	FE	FE	FE+Year FE
Environmental Ministry	-1.000***	-0.185*	-0.225***	-0.191**
	(0.102)	(0.102)	(0.081)	(0.082)
Year	0.063***	0.048***	0.057***	
	(0.003)	(0.003)	(0.003)	
GDP per capita (K$)		-0.060***	-0.069***	-0.068***
		(0.009)	(0.008)	(0.008)
Pop. Density			0.002***	0.002***
			(0.000)	(0.000)
Trade Openness (% of GDP)			0.004***	0.004***
			(0.001)	(0.001)
Service sector (% of GDP)			-0.004	-0.006
			(0.005)	(0.005)
OECD Membership (real)			0.092	0.118
			(0.273)	(0.274)
Democracy (Polity IV)			-0.036***	-0.034***
			(0.007)	(0.007)
Period 1992-1994			0.075	1.354***
			(0.078)	(0.198)
Constant	-121.202***	-91.591***	-108.756***	3.430***
	(5.927)	(6.676)	(6.716)	(0.336)
Observations	7594	5957	4394	4394

Standard errors in parentheses. All models contain country fixed effects. Fixed effects parameters omitted.
The fourth model contains year fixed effects, which are also omitted.
* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A90: Environmental Ministries and SOx

	FE	FE	FE	FE+Year FE
Environmental Ministry	-0.020***	-0.012*	-0.004	-0.001
	(0.005)	(0.007)	(0.008)	(0.008)
Year	-0.002***	-0.002***	-0.002***	
	(0.000)	(0.001)	(0.001)	
GDP per capita (K$)		0.001	0.001	0.001
		(0.001)	(0.002)	(0.002)
Pop. Density			0.001	0.001
			(0.000)	(0.000)
Trade Openness (% of GDP)			-0.000	-0.000
			(0.000)	(0.000)
Service sector (% of GDP)			0.000	0.000
			(0.001)	(0.001)
OECD Membership (real)			-0.022	-0.022
			(0.014)	(0.015)
Democracy (Polity IV)			0.001	0.001
			(0.001)	(0.001)
Period 1992-1994			-0.002	-0.038**
			(0.005)	(0.017)
Constant	4.811***	4.924***	4.457***	-0.010
	(0.557)	(1.053)	(1.603)	(0.076)
Observations	725	614	562	562

Standard errors in parentheses. All models contain country fixed effects. Fixed effects parameters omitted.

The fourth model contains year fixed effects, which are also omitted.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Supplementary Online Appendix: References

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