

**Online appendices for: The Chain of
Representation:**

*Preferences, Institutions, and Policy
in Latin America's Presidential Systems*

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Aldrich-McKelvey decomposition using blackbox

Estimation technique

In order to estimate comparable market moods for all actors in the chain of responsiveness, it is important to implement a model that addresses the concerns expressed earlier. Specifically, we need a model that will first “constrain”, or map, actor responses on a number of issues onto a lower-dimensional, “basic” space. In our case, we are after a one dimensional, market-policy latent “mood” that is behind observed graded (i.e. non-binary) responses to questions — also known as “items”, “issues” or “stimuli” — related to how much state intervention is preferred by an actor. Secondly, the constraining method must be such that it can handle missing responses to some of these questions for some of the actors involved. That is, it must retrieve the latent positions of all actors on the market mood dimension — even if not all actors provide information on their preferences on all available issues. This is important, as it allows estimating the location of actors who have expressed preferences using different survey instruments — which will perforce create some missing values for *all* observations. Thirdly, the method should allow different questions to mean different things to different people — a phenomenon called *differential item functioning* in the IRT literature — as a “completely agree” on a question that asks respondents to evaluate a statement like “Private enterprise is indispensable for the development of the country” (Latinobarometer P40STE-2005; q81st.b-2009) may mean very different things for people in different countries and on different years. Finally, the model should allow us to place all relevant actors — citizens, legislators and executives — on the same market mood dimension, without fear of facing comparability or estimation crowding issues¹

Aldrich and McKelvey (?; A-M from now on) develop a model not unlike factor analysis that allows researchers to map a set of observed graded responses onto a single

¹By “estimation crowding” we mean the phenomenon by which a class of respondents overwhelm the definition of the latent space simply by virtue of severely outnumbering another class of respondents. In our case, the risk ensues from having a much larger number of citizen respondents than legislator respondents (?).

latent dimension by assuming the former is an affine expression of the latter (along with some Gaussian error). In particular, the model assumes that each respondent (linearly) distorts a common underlying space to produce the observed responses. Albeit old, the A-M model continues to be one of the best scaling tools in the discipline — due in no small part to its ability to handle the differential item functioning problem (???). Hence, what we need is a more general form of the A-M scaling technique, which addresses the above wishlist. That is precisely what Poole’s “blackbox” scaling model (?) offers.

In general, Poole’s blackbox procedure maps a potentially sparse matrix of survey responses onto a constrained (but potentially multidimensional) space by assuming that observed responses are a linear, unbiased manifestation of latent a mood. More specifically, and letting \mathbf{Y}_o be an $n \times q$ matrix (containing missing values, for unanswered questions) of observed ordinal responses to q questions by n individuals, blackbox assumes that

$$\mathbf{Y}_o = [\mathbf{1}_n \mathbf{c}^T + \boldsymbol{\psi} \mathbf{W}^T]_o + \mathbf{E}_o$$

where $\boldsymbol{\psi}$ is an $n \times s$ matrix of (unobserved) coordinates of respondents on the latent, mood space, \mathbf{W} is an $q \times s$ matrix of (unknown) weights that make possible the partial mapping from observed responses onto latent moods (the same way factor-analytic *loadings* do, the \mathbf{c} is a s -length vector of (also unknown) constants that complete the mapping, and \mathbf{E}_o is an $n \times q$ matrix of zero-mean Gaussian individual-question errors.

It is important to note that, should \mathbf{Y}_o be complete, the problem of finding plausible values of the latent moods $\boldsymbol{\psi}$ (along with all other unknown quantities) could be solved using a garden variety singular-value decomposition — once again, in the same spirit of factor analysis. But what is special about the blackbox method is that it allows for sparse matrices to be used by using an iterative least squares process that estimates the best values of all unknown components of the model. In essence, the blackbox procedure tries to find the s dimensional hyperplane that minimizes the squared distance between it and all points in the q dimensional, raw response matrix \mathbf{Y}_o . Provided all respondents answer a minimum of questions, and that there is no perfect separability across respondent types (that is, provided there are enough responses to bridging questions), blackbox reliably retrieves plausible estimates of latent moods.

While the details of the estimation procedure are technical (see Poole ?), the actual software implementation in **R** is quite straightforward, and interpretation of the estimation results is no different that of a garden variety factor analysis. In addition, the model allows us to retrieve latent market moods from survey data, which is not “contaminated” by strategic or party-principal considerations, like roll-call data can be (?), and without the need to calculate covariance matrices which, in turn, discard important information (?). As such, it can be used on responses given by a variety of actors involved in the chain of responsiveness, and does not rely on data that is characteristic of one group or the other (as is the case, once again, with roll-call data).

This leads us to the last item on our wish-list: the need for a model that can place

all actors on the same scale, so as to make them comparable. The issues with common-space location estimation for multiple actors is not new, and it has received important substantial treatment. And this attention has resulted in a keen understanding of the perils of trying to use different scaling techniques to find fully comparable latent properties of a variety of actors – some of which we have already discussed. The blackbox model goes a long way in addressing some of these concerns, however, as the A-M model it generalizes is perhaps least susceptible to the potential faults identified by the literature (??). Nevertheless, simply estimating a model where all actors for whom responses are available are included in order to estimate everyone’s latent moods simultaneously runs the risk of letting one set of actors define the latent space simply by virtue of seriously outnumbering respondents of a different class (?).

To address this potential problem, we estimate two separate blackbox models – one for legislators and another for citizens, thus producing two sets of mapping parameters $(\mathbf{W}_C, \mathbf{c}_C)$ and $(\mathbf{W}_L, \mathbf{c}_L)$ for citizens and legislators, respectively. Since the latent moods are only identified up an arbitrary rotation (as is the case in all factor-analytic approaches), the two sets of estimated moods are not immediately comparable. Nevertheless, and assuming that observed responses really do tap onto the same unobserved market-vs-state policy mood dimension, we can choose (without loss of generality) one of the two sets of weight parameters as a target, and use a Procrustes transformation to rotate and rescale the remaining set of weights so as to match the target vector space.²

Armed with transformed (and thus comparable) mappings $(\mathbf{W}_c, \mathbf{c}_C)$ and $(\mathbf{W}_L, \mathbf{c}_L)$, we define a new mapping that weighs each transformation equally, and reestimate the market moods of citizens and lower house legislators in all the country-years included in our sample. In the case of lower-house legislators, we then find the median mood by re-weighting the set of estimated values so as to reflect the real seat composition of each legislature. We follow a similar strategy using the demographic survey weights provided by both sources of citizen data.

Finally, we need to make two rather heroic assumptions in order to find similar estimates of upper-house moods and Executive moods as no comparable survey data is available for these actors. To find the upper-house median mood, we use the moods estimated for lower-house members, but aggregated them using the seat composition of the upper house instead. This, we argue, is not too unreasonable, as both houses (where they exist) tend to be similarly composed, although it nevertheless assumes that members of the same parties in the upper chambers would have answered the same way as their lower-house counterparts when presented with the different questions. This is, of course, very plausible, but we simply lack the historical data needed to estimate independent moods for the upper houses. In turn, we exploit the fact that PELA respondents were often asked to place both themselves and sitting (or soon to be sitting) presidents on the usual, Likert-style ideological scale. Assuming that market moods and ideological positions are correlated, we regress estimated moods

²? himself resorts to this technique to solve the rotation invariance problem, and the solution is similar, in spirit, to that of recent advances in the field (e.g. ?)

on self-placements, and then use the model to predict the moods of presidents using each legislators ideological perception of them.³ The median of such placements is then taken as a point estimate of the Executive's market mood.

Table A.1: Country-specific Blackbox loadings, exclusively for citizen preferences

	pais	N	c	w1	R2
privatization.beneficial	Argentina	15209	3.44	6.56	0.37
economy.best.in.private.sector	Argentina	15209	3.62	7.86	0.54
state.not.in.job.creation	Argentina	4409	3.09	7.14	0.64
state.not.reduce.inequality	Argentina	5608	2.82	6.90	0.62
state.not.in.pensions	Argentina	6209	1.84	4.17	0.29
state.not.in.sanitation	Argentina	7721	2.07	4.87	0.36
state.not.in.unemployment	Argentina	1199	2.67	7.20	0.72
state.not.in.price.control	Argentina	3600	3.92	9.56	0.59
state.not.solves.problems	Argentina	10800	2.54	8.49	0.41
state.not.in.basic.needs	Argentina	0	0.00	0.00	0.00
state.not.in.high.edu	Argentina	2400	1.55	4.36	0.19
state.not.in.primsec.edu	Argentina	1200	1.62	3.91	0.17
state.not.in.housing	Argentina	0	0.00	0.00	0.00
privatization.beneficial	Bolivia	19199	3.68	4.99	0.27
economy.best.in.private.sector	Bolivia	19324	3.51	6.84	0.53
state.not.in.job.creation	Bolivia	9050	2.92	6.32	0.67
state.not.reduce.inequality	Bolivia	9822	3.12	6.51	0.60
state.not.in.pensions	Bolivia	6984	2.44	6.00	0.45
state.not.in.sanitation	Bolivia	10294	2.59	6.59	0.54
state.not.in.unemployment	Bolivia	772	4.84	15.05	0.82
state.not.in.price.control	Bolivia	2949	3.54	8.91	0.46
state.not.solves.problems	Bolivia	10555	2.81	10.80	0.61
state.not.in.basic.needs	Bolivia	0	0.00	0.00	0.00
state.not.in.high.edu	Bolivia	2400	1.68	3.89	0.15
state.not.in.primsec.edu	Bolivia	1200	1.72	3.27	0.11
state.not.in.housing	Bolivia	0	0.00	0.00	0.00
privatization.beneficial	Brazil	15699	3.98	5.67	0.40
economy.best.in.private.sector	Brazil	15903	3.93	6.16	0.48
state.not.in.job.creation	Brazil	5479	3.26	6.56	0.62
state.not.reduce.inequality	Brazil	6559	2.64	5.21	0.42
state.not.in.pensions	Brazil	6970	2.35	6.26	0.56
state.not.in.sanitation	Brazil	8470	2.39	6.04	0.55

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³Although rare, it was the case that sometimes sitting presidents were not included in the battery of party leaders placed by legislators. In those cases, we used the placements of the president's party instead.

Table A.1 – continued from previous page

	pais	N	c	w1	R2
state.not.in.unemployment	Brazil	1080	4.45	14.81	0.83
state.not.in.price.control	Brazil	3000	4.45	7.90	0.64
state.not.solves.problems	Brazil	10424	2.97	2.69	0.08
state.not.in.basic.needs	Brazil	0	0.00	0.00	0.00
state.not.in.high.edu	Brazil	2408	2.42	12.24	0.72
state.not.in.primsec.edu	Brazil	1204	2.51	14.21	0.81
state.not.in.housing	Brazil	0	0.00	0.00	0.00
privatization.beneficial	Chile	15820	3.69	7.58	0.53
economy.best.in.private.sector	Chile	15846	3.67	8.04	0.62
state.not.in.job.creation	Chile	5063	3.01	6.84	0.59
state.not.reduce.inequality	Chile	6263	2.68	5.99	0.48
state.not.in.pensions	Chile	6765	1.95	4.69	0.34
state.not.in.sanitation	Chile	8310	2.18	5.09	0.38
state.not.in.unemployment	Chile	1200	3.69	10.73	0.80
state.not.in.price.control	Chile	3557	3.57	11.66	0.71
state.not.solves.problems	Chile	10757	2.77	5.33	0.21
state.not.in.basic.needs	Chile	0	0.00	0.00	0.00
state.not.in.high.edu	Chile	2400	1.63	2.56	0.09
state.not.in.primsec.edu	Chile	1200	2.00	4.13	0.19
state.not.in.housing	Chile	0	0.00	0.00	0.00
privatization.beneficial	Colombia	18316	3.85	4.74	0.18
economy.best.in.private.sector	Colombia	18317	3.60	8.24	0.56
state.not.in.job.creation	Colombia	7517	2.62	6.24	0.57
state.not.reduce.inequality	Colombia	8719	2.73	6.36	0.50
state.not.in.pensions	Colombia	9304	2.19	5.25	0.36
state.not.in.sanitation	Colombia	10815	2.24	6.00	0.45
state.not.in.unemployment	Colombia	1202	3.62	11.35	0.77
state.not.in.price.control	Colombia	3599	3.25	11.31	0.60
state.not.solves.problems	Colombia	10799	2.64	9.94	0.49
state.not.in.basic.needs	Colombia	0	0.00	0.00	0.00
state.not.in.high.edu	Colombia	2400	1.54	3.14	0.08
state.not.in.primsec.edu	Colombia	1200	1.62	1.74	0.03
state.not.in.housing	Colombia	0	0.00	0.00	0.00
privatization.beneficial	CostaRica	17983	4.08	-5.19	0.27
economy.best.in.private.sector	CostaRica	17983	3.39	-8.06	0.62
state.not.in.job.creation	CostaRica	8998	2.90	-7.09	0.64
state.not.reduce.inequality	CostaRica	9999	2.64	-5.79	0.46
state.not.in.pensions	CostaRica	10001	2.12	-3.85	0.29
state.not.in.sanitation	CostaRica	11499	2.32	-5.13	0.46
state.not.in.unemployment	CostaRica	1001	5.30	-16.54	0.92
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Table A.1 – continued from previous page

	pais	N	c	w1	R2
state.not.in.price.control	CostaRica	2981	3.47	-7.89	0.54
state.not.solves.problems	CostaRica	8985	3.13	-6.25	0.28
state.not.in.basic.needs	CostaRica	0	0.00	0.00	0.00
state.not.in.high.edu	CostaRica	2000	1.77	-9.39	0.48
state.not.in.primsec.edu	CostaRica	1000	1.44	-5.73	0.32
state.not.in.housing	CostaRica	0	0.00	0.00	0.00
privatization.beneficial	DominicanRep	9519	3.99	-6.16	0.38
economy.best.in.private.sector	DominicanRep	10519	3.31	-7.13	0.55
state.not.in.job.creation	DominicanRep	4519	2.49	-5.70	0.42
state.not.reduce.inequality	DominicanRep	4519	2.66	-5.92	0.38
state.not.in.pensions	DominicanRep	3500	2.73	-9.59	0.73
state.not.in.sanitation	DominicanRep	5012	2.69	-9.08	0.70
state.not.in.unemployment	DominicanRep	0	0.00	0.00	0.00
state.not.in.price.control	DominicanRep	0	0.00	0.00	0.00
state.not.solves.problems	DominicanRep	6000	2.55	-3.48	0.12
state.not.in.basic.needs	DominicanRep	0	0.00	0.00	0.00
state.not.in.high.edu	DominicanRep	2000	2.27	-8.50	0.49
state.not.in.primsec.edu	DominicanRep	1000	1.98	-4.66	0.25
state.not.in.housing	DominicanRep	0	0.00	0.00	0.00
privatization.beneficial	Ecuador	18300	3.90	4.20	0.16
economy.best.in.private.sector	Ecuador	18300	3.56	7.99	0.56
state.not.in.job.creation	Ecuador	7500	3.02	7.70	0.74
state.not.reduce.inequality	Ecuador	8700	3.12	7.67	0.66
state.not.in.pensions	Ecuador	7800	2.24	5.22	0.39
state.not.in.sanitation	Ecuador	9300	2.52	7.09	0.55
state.not.in.unemployment	Ecuador	1200	4.22	13.70	0.78
state.not.in.price.control	Ecuador	3600	3.53	8.17	0.43
state.not.solves.problems	Ecuador	10800	2.81	9.80	0.50
state.not.in.basic.needs	Ecuador	0	0.00	0.00	0.00
state.not.in.high.edu	Ecuador	2400	1.72	4.39	0.17
state.not.in.primsec.edu	Ecuador	1200	1.93	2.97	0.09
state.not.in.housing	Ecuador	0	0.00	0.00	0.00
privatization.beneficial	ElSalvador	13615	3.89	6.21	0.39
economy.best.in.private.sector	ElSalvador	13615	3.71	7.49	0.58
state.not.in.job.creation	ElSalvador	4596	2.63	5.85	0.46
state.not.reduce.inequality	ElSalvador	5599	2.75	6.27	0.43
state.not.in.pensions	ElSalvador	5553	2.26	6.15	0.49
state.not.in.sanitation	ElSalvador	7050	2.29	6.05	0.45
state.not.in.unemployment	ElSalvador	1003	4.02	13.06	0.82
state.not.in.price.control	ElSalvador	3001	4.01	9.56	0.74
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Table A.1 – continued from previous page

	pais	N	c	w1	R2
state.not.solves.problems	ElSalvador	9019	3.58	0.72	0.00
state.not.in.basic.needs	ElSalvador	0	0.00	0.00	0.00
state.not.in.high.edu	ElSalvador	2000	1.97	7.62	0.53
state.not.in.primsec.edu	ElSalvador	1000	1.61	5.69	0.42
state.not.in.housing	ElSalvador	0	0.00	0.00	0.00
privatization.beneficial	Guatemala	13548	3.78	4.00	0.19
economy.best.in.private.sector	Guatemala	13546	3.63	5.82	0.42
state.not.in.job.creation	Guatemala	4551	2.96	6.28	0.70
state.not.reduce.inequality	Guatemala	5552	3.05	6.86	0.67
state.not.in.pensions	Guatemala	5505	2.35	5.85	0.42
state.not.in.sanitation	Guatemala	7016	2.63	6.96	0.56
state.not.in.unemployment	Guatemala	1001	4.00	11.19	0.74
state.not.in.price.control	Guatemala	2991	4.08	8.00	0.56
state.not.solves.problems	Guatemala	8997	3.50	6.89	0.39
state.not.in.basic.needs	Guatemala	0	0.00	0.00	0.00
state.not.in.high.edu	Guatemala	2000	2.50	10.20	0.61
state.not.in.primsec.edu	Guatemala	1000	1.96	6.65	0.36
state.not.in.housing	Guatemala	0	0.00	0.00	0.00
privatization.beneficial	Honduras	13849	3.83	-6.38	0.49
economy.best.in.private.sector	Honduras	13849	3.99	-6.14	0.49
state.not.in.job.creation	Honduras	4846	3.36	-6.98	0.72
state.not.reduce.inequality	Honduras	5844	3.35	-6.97	0.69
state.not.in.pensions	Honduras	5594	2.47	-5.51	0.44
state.not.in.sanitation	Honduras	7322	2.81	-6.46	0.58
state.not.in.unemployment	Honduras	998	6.80	-20.63	0.92
state.not.in.price.control	Honduras	2997	3.94	-8.83	0.62
state.not.solves.problems	Honduras	9003	3.45	-4.96	0.26
state.not.in.basic.needs	Honduras	0	0.00	0.00	0.00
state.not.in.high.edu	Honduras	2000	1.73	-1.76	0.05
state.not.in.primsec.edu	Honduras	1000	1.67	-0.39	0.00
state.not.in.housing	Honduras	0	0.00	0.00	0.00
privatization.beneficial	Mexico	15501	3.92	4.54	0.24
economy.best.in.private.sector	Mexico	15448	3.77	5.65	0.40
state.not.in.job.creation	Mexico	4682	3.00	6.52	0.65
state.not.reduce.inequality	Mexico	6208	2.85	6.15	0.51
state.not.in.pensions	Mexico	6688	2.50	7.17	0.56
state.not.in.sanitation	Mexico	8301	2.66	7.51	0.59
state.not.in.unemployment	Mexico	1526	4.42	14.30	0.82
state.not.in.price.control	Mexico	3619	3.57	11.07	0.68
state.not.solves.problems	Mexico	10819	3.22	6.83	0.39

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Table A.1 – continued from previous page

	pais	N	c	w1	R2
state.not.in.basic.needs	Mexico	0	0.00	0.00	0.00
state.not.in.high.edu	Mexico	2400	2.24	6.34	0.39
state.not.in.primsec.edu	Mexico	1200	2.19	5.16	0.30
state.not.in.housing	Mexico	0	0.00	0.00	0.00
privatization.beneficial	Nicaragua	13781	4.10	-4.01	0.14
economy.best.in.private.sector	Nicaragua	13776	3.81	-8.16	0.58
state.not.in.job.creation	Nicaragua	4766	2.73	-6.22	0.57
state.not.reduce.inequality	Nicaragua	5800	3.00	-6.88	0.53
state.not.in.pensions	Nicaragua	5574	1.98	-5.25	0.37
state.not.in.sanitation	Nicaragua	7265	2.25	-5.72	0.46
state.not.in.unemployment	Nicaragua	1034	3.37	-10.56	0.79
state.not.in.price.control	Nicaragua	3005	3.90	-10.03	0.52
state.not.solves.problems	Nicaragua	9015	2.49	-11.32	0.61
state.not.in.basic.needs	Nicaragua	0	0.00	0.00	0.00
state.not.in.high.edu	Nicaragua	2000	1.33	-2.30	0.08
state.not.in.primsec.edu	Nicaragua	1000	1.40	-2.22	0.07
state.not.in.housing	Nicaragua	0	0.00	0.00	0.00
privatization.beneficial	Panama	13705	3.63	5.96	0.49
economy.best.in.private.sector	Panama	13705	3.59	6.01	0.53
state.not.in.job.creation	Panama	4692	3.17	6.19	0.63
state.not.reduce.inequality	Panama	5697	2.66	5.44	0.56
state.not.in.pensions	Panama	5549	2.26	5.99	0.54
state.not.in.sanitation	Panama	7169	2.57	6.01	0.57
state.not.in.unemployment	Panama	1005	4.96	15.80	0.88
state.not.in.price.control	Panama	2993	3.72	9.15	0.68
state.not.solves.problems	Panama	9013	3.02	2.24	0.06
state.not.in.basic.needs	Panama	0	0.00	0.00	0.00
state.not.in.high.edu	Panama	2000	2.55	11.92	0.72
state.not.in.primsec.edu	Panama	1000	1.86	9.37	0.48
state.not.in.housing	Panama	0	0.00	0.00	0.00
privatization.beneficial	Paraguay	12584	3.89	-5.72	0.42
economy.best.in.private.sector	Paraguay	13180	3.80	-6.78	0.54
state.not.in.job.creation	Paraguay	4178	2.81	-5.35	0.57
state.not.reduce.inequality	Paraguay	4776	2.94	-5.66	0.53
state.not.in.pensions	Paraguay	5100	2.08	-5.28	0.48
state.not.in.sanitation	Paraguay	6614	2.20	-4.97	0.48
state.not.in.unemployment	Paraguay	598	2.91	-7.03	0.74
state.not.in.price.control	Paraguay	1806	3.93	-8.75	0.56
state.not.solves.problems	Paraguay	9006	2.46	-7.89	0.40
state.not.in.basic.needs	Paraguay	0	0.00	0.00	0.00

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Table A.1 – continued from previous page

	pais	N	c	w1	R2
state.not.in.high.edu	Paraguay	2400	2.03	-14.16	0.69
state.not.in.primsec.edu	Paraguay	1200	1.65	-8.75	0.45
state.not.in.housing	Paraguay	0	0.00	0.00	0.00
privatization.beneficial	Peru	14814	3.72	4.87	0.28
economy.best.in.private.sector	Peru	14991	3.81	5.81	0.42
state.not.in.job.creation	Peru	4500	3.01	5.69	0.66
state.not.reduce.inequality	Peru	5700	2.94	5.59	0.56
state.not.in.pensions	Peru	6145	2.24	5.27	0.40
state.not.in.sanitation	Peru	7623	2.65	6.47	0.56
state.not.in.unemployment	Peru	1200	4.24	12.48	0.81
state.not.in.price.control	Peru	3114	3.95	7.32	0.39
state.not.solves.problems	Peru	10469	2.97	11.01	0.66
state.not.in.basic.needs	Peru	0	0.00	0.00	0.00
state.not.in.high.edu	Peru	2400	2.03	5.41	0.22
state.not.in.primsec.edu	Peru	1200	2.11	4.65	0.17
state.not.in.housing	Peru	0	0.00	0.00	0.00
privatization.beneficial	Uruguay	15312	3.78	7.81	0.47
economy.best.in.private.sector	Uruguay	15312	3.65	9.01	0.61
state.not.in.job.creation	Uruguay	4512	2.82	7.28	0.54
state.not.reduce.inequality	Uruguay	5712	2.61	6.32	0.43
state.not.in.pensions	Uruguay	6300	1.74	4.41	0.31
state.not.in.sanitation	Uruguay	7812	2.10	4.98	0.35
state.not.in.unemployment	Uruguay	1200	2.77	7.64	0.71
state.not.in.price.control	Uruguay	3600	3.72	10.45	0.70
state.not.solves.problems	Uruguay	10800	2.66	5.09	0.19
state.not.in.basic.needs	Uruguay	0	0.00	0.00	0.00
state.not.in.high.edu	Uruguay	2400	1.39	2.33	0.05
state.not.in.primsec.edu	Uruguay	1200	1.42	1.43	0.03
state.not.in.housing	Uruguay	0	0.00	0.00	0.00
privatization.beneficial	Venezuela	15300	4.37	5.85	0.32
economy.best.in.private.sector	Venezuela	15300	3.89	7.43	0.52
state.not.in.job.creation	Venezuela	4500	3.26	8.06	0.60
state.not.reduce.inequality	Venezuela	6000	3.70	9.48	0.62
state.not.in.pensions	Venezuela	6600	2.25	5.97	0.45
state.not.in.sanitation	Venezuela	8100	2.54	6.66	0.50
state.not.in.unemployment	Venezuela	1500	4.07	12.22	0.74
state.not.in.price.control	Venezuela	3600	4.05	9.62	0.70
state.not.solves.problems	Venezuela	10800	2.65	0.97	0.01
state.not.in.basic.needs	Venezuela	0	0.00	0.00	0.00
state.not.in.high.edu	Venezuela	2400	1.86	5.02	0.34
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Table A.1 – continued from previous page

	pais	N	c	w1	R2
state.not.in.primsec.edu	Venezuela	1200	2.09	7.55	0.52
state.not.in.housing	Venezuela	0	0.00	0.00	0.00



Legislature information

Legislature availability

Table B.1: Legislatures in Latin America for which we have legislators' policy positions

	Country	Survey year	Legislature	Senate	Executive
1	Argentina	1995	1995-1997	1995-1997	1995-1999
2	Argentina	1997	1997-2001	1997-2001	1995-1999
3	Argentina	2003	2003-2007	2003-2007	2003-2007
4	Argentina	2007	2007-2009	2007-2011	2007-2011
5	Argentina	2009	2009-2013	2009-2013	2007-2011
6	Bolivia	1993	1993-1997	1993-1997	1993-1997
7	Bolivia	1997	1997-2002	1997-2002	1997-2002
8	Bolivia	2002	2002-2005	2002-2005	2002-2005
9	Bolivia	2006	2006-2010	2006-2010	2006-2010
10	Brasil	2003	2003-2007	2003-2007	2003-2007
11	Brasil	2007	2007-2011	2007-2011	2007-2011
12	Brasil	2013	2011-2015	2011-2015	2011-2015
13	Chile	1993	1993-1997	1993-1997	1993-1997
14	Chile	1997	1997-2001	1997-2001	1997-2001
15	Chile	2002	2002-2006	2002-2006	2002-2006
16	Chile	2006	2006-2010	2006-2010	2006-2010
17	Chile	2010	2010-2014	2010-2014	2010-2014
18	Colombia	1998	1998-2002	1998-2002	1998-2002
19	Colombia	2002	2002-2006	2002-2006	2002-2006
20	Colombia	2006	2006-2010	2006-2010	2006-2010
21	Colombia	2010	2010-2014	2010-2014	2010-2014
22	Costa Rica	1994	1994-1998		1994-1998

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Table B.1 – *Continued from previous page*

	Country	Survey year	Legislature	Senate	Executive
23	Costa Rica	1998	1998-2002		1998-2002
24	Costa Rica	2002	2002-2006		2002-2006
25	Costa Rica	2006	2006-2010		2006-2010
26	Costa Rica	2010	2010-2014		2010-2014
27	Ecuador	1996	1996-1998		1996-1998
28	Ecuador	1998	1998-2002		1998-2002
29	Ecuador	2002	2002-2006		2002-2007
30	Ecuador	2007	2007-2008		2007-2008
31	Ecuador	2009	2009-2012		2009-2012
32	El Salvador	1994	1994-1997		1994-1999
33	El Salvador	1997	1997-2000		1994-1999
34	El Salvador	2000	2000-2003		1999-2004
35	El Salvador	2003	2003-2006		1999-2004
36	El Salvador	2009	2009-2011		2009-2014
37	Guatemala	1995	1995-1999		1995-1999
38	Guatemala	2000	2000-2004		2000-2004
39	Guatemala	2004	2004-2008		2004-2008
40	Guatemala	2008	2008-2012		2008-2012
41	Guatemala	2012	2012-2016		2012-2016
42	Honduras	1994	1994-1997		1994-1998
43	Honduras	1997	1997-2001		1998-2002
44	Honduras	2002	2002-2006		2002-2006
45	Honduras	2006	2006-2010		2006-2010
46	Honduras	2010	2010-2014		2010-2014
47	Mexico	1994	1994-1997	1994-1997	1994-2000
48	Mexico	1997	1997-2000	1997-2000	1994-2000
49	Mexico	2000	2000-2003	2000-2006	2000-2006
50	Mexico	2003	2003-2006	2000-2006	2000-2006
51	Mexico	2006	2006-2009	2006-2012	2006-2012
52	Mexico	2009	2009-2012	2006-2012	2006-2012
53	Nicaragua	1996	1996-2001		1996-2001
54	Nicaragua	2002	2002-2006		2002-2006
55	Nicaragua	2007	2007-2011		2007-2011
56	Panama	1999	1999-2004		1999-2004
57	Panama	2004	2004-2009		2004-2009
58	Panama	2009	2009-2013		2009-2013
59	Paraguay	1993	1993-1998	1993-1998	1993-1998
60	Paraguay	1998	1998-2003	1998-2003	1998-2003
61	Paraguay	2003	2003-2008	2003-2008	2003-2008
62	Paraguay	2008	2008-2013	2008-2013	2008-2013
63	Peru	1995	1995-2000		1995-2000

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Table B.1 – *Continued from previous page*

	Country	Survey year	Legislature	Senate	Executive
64	Peru	2001	2001-2006		2001-2006
65	Peru	2006	2006-2011		2006-2011
66	Republica Dominicana	1994	1994-1998	1994-1998	1994-1996
67	Republica Dominicana	1998	1998-2002	1998-2002	1996-2000
68	Republica Dominicana	2002	2002-2006	2002-2006	2000-2004
69	Republica Dominicana	2006	2006-2010	2006-2010	2004-2008
70	Republica Dominicana	2010	2010-2016	2010-2016	2008-2012
71	Uruguay	1995	1995-2000	1995-2000	1995-2000
72	Uruguay	2000	2000-2005	2000-2005	2000-2005
73	Uruguay	2005	2005-2010	2005-2010	2005-2010
74	Uruguay	2009	2010-2015	2010-2015	2010-2015
75	Venezuela	1993	1993-1998	1993-1998	1993-1998
76	Venezuela	2000	2000-2005		2001-2007

Party seat shares

Table B.2: Seat share of political parties with congressional representation

	Country	Term	Party	Lower House	Upper House
1	Argentina	1995-1997	PJ Partido Jus- ticialista	0.52	0.54
2	Argentina	1995-1997	UCR Union Civica Radical	0.26	0.28
3	Argentina	1995-1997	Frepaso Frente Pais Solidario	0.10	0.04
4	Argentina	1995-1997	Partidos Provin- ciales	0.07	0.11
5	Argentina	1995-1997	Otros Partidos	0.05	0.03
6	Argentina	1997-2001	PJ Partido Jus- ticialista	0.46	0.54
7	Argentina	1997-2001	UCR Union Civica Radical	0.27	0.28
8	Argentina	1997-2001	Frepaso Frente Pais Solidario	0.15	0.04
9	Argentina	1997-2001	Partidos Provin- ciales	0.09	0.11
10	Argentina	1997-2001	Otros Partidos	0.04	0.03
11	Argentina	2003-2007	PJ Partido Jus- ticialista	0.51	0.57
12	Argentina	2003-2007	UCR Union Civica Radical	0.18	0.22
13	Argentina	2003-2007	ARI	0.05	0.00
14	Argentina	2003-2007	Otros	0.24	0.18
15	Argentina	2003-2007	PS	0.02	0.03
16	Argentina	2007-2011	Frente Para la Victoria PJ	0.50	0.61
17	Argentina	2007-2011	UCR	0.09	0.14
18	Argentina	2007-2011	Coalicion Civica ARI GEN UPT	0.07	0.00
19	Argentina	2007-2011	De la Concerta- cion	0.04	0.07
20	Argentina	2007-2011	Partido Social- ista	0.04	0.00
21	Argentina	2007-2011	PRO	0.04	0.00
22	Argentina	2007-2011	Ari Autonomo +8	0.03	0.00

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Table B.2 – *Continued from previous page*

	Country	Term	Party	Lower House	Upper House
23	Argentina	2007-2011	frente Civico por Santiago	0.02	0.12
24	Argentina	2007-2011	Frente Justicia Union y Libertad	0.02	0.06
25	Argentina	2007-2011	Otros Partidos	0.13	0.00
26	Argentina	2009-2013	Frente Para la Victoria PJ	0.34	0.50
27	Argentina	2009-2013	UCR	0.17	0.35
28	Argentina	2009-2013	Peronismo Federal	0.11	0.03
29	Argentina	2009-2013	Coalicion Civica	0.07	0.00
30	Argentina	2009-2013	PRO	0.04	0.03
31	Argentina	2009-2013	frente Civico por Santiago	0.03	0.00
32	Argentina	2009-2013	Partido Socialista	0.02	0.00
33	Argentina	2009-2013	Peronista	0.02	0.00
34	Argentina	2009-2013	Nuevo Encuentro Popular y Solidario	0.02	0.00
35	Argentina	2009-2013	GEN	0.02	0.00
36	Argentina	2009-2013	Movimiento Proyecto sur	0.02	0.00
37	Argentina	2009-2013	Otros Partidos	0.14	0.10
38	Bolivia	1993-1997	ADN Accion democratica nacionalista	0.12	0.15
39	Bolivia	1993-1997	MNR Movimiento Nacionalista Revolucionario	0.40	0.63
40	Bolivia	1993-1997	MIR Movimiento de Izquierda revolucionario	0.15	0.15
41	Bolivia	1993-1997	UCS union Civica solidaridad	0.15	0.04
42	Bolivia	1993-1997	Condepa Conciencia de Patria	0.10	0.04

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Table B.2 – *Continued from previous page*

	Country	Term	Party	Lower House	Upper House
43	Bolivia	1993-1997	Otros Partidos	0.08	0.00
44	Bolivia	1997-2002	ADN Accion democratica nacionalista	0.25	0.41
45	Bolivia	1997-2002	MNR Movimiento Nacionalista Revolucionario	0.20	0.19
46	Bolivia	1997-2002	MIR Movimiento de Izquierda revolucionario	0.18	0.22
47	Bolivia	1997-2002	UCS union Civica solidari- dad	0.16	0.07
48	Bolivia	1997-2002	Condepa	0.15	0.11
49	Bolivia	1997-2002	Otros Partidos	0.07	0.00
50	Bolivia	2002-2005	MNR Movimiento Nacionalista Revolucionario	0.28	0.41
51	Bolivia	2002-2005	MIR Movimiento de Izquierda revolucionario	0.20	0.19
52	Bolivia	2002-2005	UCS union Civica solidari- dad	0.04	0.00
53	Bolivia	2002-2005	NFR Nueva Fuerza Republi- cana	0.19	0.07
54	Bolivia	2002-2005	MAS Movimiento al Socialismo	0.21	0.30
55	Bolivia	2002-2005	MIP Movimiento Indigena Pacha- cuti	0.05	0.00
56	Bolivia	2002-2005	Otros	0.04	0.04
57	Bolivia	2006-2010	MAS	0.55	0.44

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Table B.2 – *Continued from previous page*

	Country	Term	Party	Lower House	Upper House
58	Bolivia	2006-2010	MNR	0.05	0.04
			Movimiento Nacionalista Revolucionario		
59	Bolivia	2006-2010	UN unidad Na- cional	0.06	0.04
60	Bolivia	2006-2010	Podemos	0.33	0.48
61	Brasil	1995-1999	PPR	0.10	0.04
62	Brasil	1995-1999	PDT	0.07	0.07
63	Brasil	1995-1999	PT	0.10	0.06
64	Brasil	1995-1999	PTB	0.06	0.06
65	Brasil	1995-1999	PMDB	0.21	0.27
66	Brasil	1995-1999	PL	0.03	0.00
67	Brasil	1995-1999	PPS	0.00	0.01
68	Brasil	1995-1999	PFL	0.17	0.21
69	Brasil	1995-1999	PP1993	0.07	0.08
70	Brasil	1995-1999	PSB	0.03	0.01
71	Brasil	1995-1999	PSDB	0.12	0.12
72	Brasil	1995-1999	PCDOB	0.02	0.00
73	Brasil	1995-1999	Otros Partidos	0.03	0.06
74	Brasil	1999-2003	PPB	0.12	0.06
75	Brasil	1999-2003	PDT	0.05	0.02
76	Brasil	1999-2003	PT	0.11	0.09
77	Brasil	1999-2003	PTB	0.06	0.00
78	Brasil	1999-2003	PMDB	0.16	0.33
79	Brasil	1999-2003	PL	0.02	0.00
80	Brasil	1999-2003	PPS	0.01	0.01
81	Brasil	1999-2003	PFL	0.20	0.25
82	Brasil	1999-2003	PSB	0.04	0.04
83	Brasil	1999-2003	PSDB	0.19	0.20
84	Brasil	1999-2003	PCDOB	0.01	0.00
85	Brasil	1999-2003	Otros Partidos	0.02	0.00
86	Brasil	2003-2007	PT	0.18	0.16
87	Brasil	2003-2007	PMDB	0.15	0.31
88	Brasil	2003-2007	PFL	0.12	0.17
89	Brasil	2003-2007	PP	0.10	0.00
90	Brasil	2003-2007	PTB	0.10	0.06
91	Brasil	2003-2007	PSDB	0.10	0.16
92	Brasil	2003-2007	PL	0.09	0.05
93	Brasil	2003-2007	PPS	0.04	0.00
94	Brasil	2003-2007	PSB	0.04	0.04

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Table B.2 – *Continued from previous page*

	Country	Term	Party	Lower House	Upper House
95	Brasil	2003-2007	PDT	0.02	0.05
96	Brasil	2003-2007	PSC	0.01	0.00
97	Brasil	2003-2007	PV	0.01	0.00
98	Brasil	2003-2007	PSOL	0.00	0.00
99	Brasil	2003-2007	PRONA	0.01	0.00
100	Brasil	2003-2007	PCDOB	0.02	0.00
101	Brasil	2003-2007	Otros Partidos	0.04	0.00
102	Brasil	2007-2011	PRB	0.00	0.01
103	Brasil	2007-2011	PP	0.08	0.01
104	Brasil	2007-2011	PDT	0.05	0.06
105	Brasil	2007-2011	PT	0.16	0.15
106	Brasil	2007-2011	PTB	0.04	0.11
107	Brasil	2007-2011	PMDB	0.17	0.26
108	Brasil	2007-2011	PSC	0.02	0.01
109	Brasil	2007-2011	PR	0.02	0.05
110	Brasil	2007-2011	PPS	0.04	0.00
111	Brasil	2007-2011	DEM	0.13	0.11
112	Brasil	2007-2011	PSB	0.05	0.02
113	Brasil	2007-2011	PV	0.03	0.01
114	Brasil	2007-2011	PSDB	0.13	0.17
115	Brasil	2007-2011	PCDOB	0.03	0.00
116	Brasil	2007-2011	Otros Partidos	0.06	0.01
117	Brasil	2011-2015	PRB	0.01	0.01
118	Brasil	2011-2015	PP	0.08	0.06
119	Brasil	2011-2015	PDT	0.05	0.06
120	Brasil	2011-2015	PT	0.17	0.15
121	Brasil	2011-2015	PTB	0.04	0.09
122	Brasil	2011-2015	PMDB	0.15	0.26
123	Brasil	2011-2015	PSC	0.03	0.01
124	Brasil	2011-2015	PR	0.08	0.06
125	Brasil	2011-2015	PPS	0.02	0.00
126	Brasil	2011-2015	DEM	0.08	0.04
127	Brasil	2011-2015	PMN	0.01	0.00
128	Brasil	2011-2015	PSB	0.07	0.05
129	Brasil	2011-2015	PV	0.03	0.01
130	Brasil	2011-2015	PSDB	0.10	0.14
131	Brasil	2011-2015	PSOL	0.01	0.01
132	Brasil	2011-2015	PCDOB	0.03	0.02
133	Brasil	2011-2015	Otros Partidos	0.06	0.02
134	Chile	1993-1997	DC Democracia Cristiana	0.30	0.22

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Table B.2 – *Continued from previous page*

	Country	Term	Party	Lower House	Upper House
135	Chile	1993-1997	RN Renovacion Nacional	0.25	0.28
136	Chile	1993-1997	UDI Union Democrata Independiente	0.12	0.11
137	Chile	1993-1997	PPD Partido Por la Democracia	0.12	0.11
138	Chile	1993-1997	Partido Socialista	0.12	0.17
139	Chile	1993-1997	Otros Partidos	0.08	0.11
140	Chile	1997-2001	DC Democracia Cristiana	0.32	0.50
141	Chile	1997-2001	RN Renovacion Nacional	0.19	0.10
142	Chile	1997-2001	UDI Union Democrata Independiente	0.18	0.15
143	Chile	1997-2001	PPD Partido Por la Democracia	0.14	0.00
144	Chile	1997-2001	Partido Socialista	0.09	0.05
145	Chile	1997-2001	Otros Partidos	0.08	0.20
146	Chile	2002-2006	DC Democracia Cristiana	0.20	0.11
147	Chile	2002-2006	RN Renovacion Nacional	0.17	0.22
148	Chile	2002-2006	UDI Union Democrata Independiente	0.30	0.17
149	Chile	2002-2006	PPD Partido Por la Democracia	0.17	0.17
150	Chile	2002-2006	Partido Socialista	0.10	0.22
151	Chile	2002-2006	PRSD Partido Radical Social Democrata	0.05	0.00
152	Chile	2006-2010	DC Democracia Cristiana	0.17	0.25

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Table B.2 – *Continued from previous page*

	Country	Term	Party	Lower House	Upper House
153	Chile	2006-2010	RN Renovacion Nacional	0.16	0.15
154	Chile	2006-2010	UDI Union Democrata Independiente	0.28	0.25
155	Chile	2006-2010	PPD Partido Por la Democracia	0.17	0.05
156	Chile	2006-2010	Partido Socialista	0.12	0.20
157	Chile	2006-2010	PRSD Partido Radical Social Democrata	0.06	0.05
158	Chile	2006-2010	Otros Partidos	0.04	0.05
159	Chile	2010-2014	UDI Union Democrata Independiente	0.31	0.17
160	Chile	2010-2014	DC Democracia Cristiana	0.16	0.22
161	Chile	2010-2014	PPD Partido Por la Democracia	0.15	0.17
162	Chile	2010-2014	RN Renovacion Nacional	0.15	0.33
163	Chile	2010-2014	Partido Socialista	0.09	0.11
164	Chile	2010-2014	PRSD Partido Radical Social Democrata	0.04	0.00
165	Chile	2010-2014	Otros Partidos	0.07	0.00
166	Chile	2010-2014	Independientes	0.03	0.00
167	Colombia	1998-2002	Partido Liberal	0.52	0.55
168	Colombia	1998-2002	PC Partido Conservador	0.17	0.17
169	Colombia	1998-2002	Coalicion	0.13	0.25
170	Colombia	1998-2002	Otros Partidos	0.18	0.03
171	Colombia	2002-2006	PL-U Partido Liberal Uribista	0.36	0.14
172	Colombia	2002-2006	PL-O Partido Liberal Oficialista	0.30	0.14

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Table B.2 – *Continued from previous page*

	Country	Term	Party	Lower House	Upper House
173	Colombia	2002-2006	PC Partido Conservador	0.29	0.13
174	Colombia	2002-2006	Otros Partidos	0.05	0.59
175	Colombia	2006-2010	PLC: PARTIDO LIBERAL COLOMBIANO	0.22	0.18
176	Colombia	2006-2010	PCC: PARTIDO CONSERVADOR COLOMBIANO	0.17	0.18
177	Colombia	2006-2010	PD: POLO DEMOCRATICO ALTERNATIVO	0.05	0.10
178	Colombia	2006-2010	UN: PARTIDO SOCIAL DE UNIDAD NACIONAL	0.18	0.20
179	Colombia	2006-2010	CR: PARTIDO CAMBIO RADICAL	0.12	0.15
180	Colombia	2006-2010	PCC: PARTIDO CONVERGENCIA CIUDADANA	0.05	0.07
181	Colombia	2006-2010	MOVIMIENTO EQUIPO ALAS COLOMBIA	0.04	0.05
182	Colombia	2006-2010	Otros Partidos	0.16	0.09
183	Colombia	2010-2014	UN: PARTIDO SOCIAL DE UNIDAD NACIONAL	0.29	0.27
184	Colombia	2010-2014	PLC: PARTIDO LIBERAL COLOMBIANO	0.23	0.17
185	Colombia	2010-2014	PCC: PARTIDO CONSERVADOR COLOMBIANO	0.23	0.22

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Table B.2 – *Continued from previous page*

	Country	Term	Party	Lower House	Upper House
186	Colombia	2010-2014	CR: PARTIDO CAMBIO RAD- ICAL	0.09	0.08
187	Colombia	2010-2014	PIN	0.07	0.09
188	Colombia	2010-2014	PD: POLO DEMO- CRATICO ALTERNA- TIVO	0.02	0.08
189	Colombia	2010-2014	Otros Partidos	0.07	0.10
190	Costa Rica	1994-1998	PUSC: PAR- TIDO UNIDAD SOCIAL CRIS- TIANA	0.44	
191	Costa Rica	1994-1998	PLN: PARTIDO LIBERACION NACIONAL	0.49	
192	Costa Rica	1994-1998	PFD: PARIDO FUERZA DEMOCRAT- ICA	0.04	
193	Costa Rica	1994-1998	PAN: PARTIDO AGRARIO NA- CIONAL	0.02	
194	Costa Rica	1994-1998	PUAG: PAR- TIDO UNION AGRICOLA CARTAGINES	0.02	
195	Costa Rica	1998-2002	PUSC: PAR- TIDO UNIDAD SOCIAL CRIS- TIANA	0.47	
196	Costa Rica	1998-2002	PLN: PARTIDO LIBERACION NACIONAL	0.40	
197	Costa Rica	1998-2002	Otros Partidos	0.12	
198	Costa Rica	2002-2006	PUSC: PAR- TIDO UNIDAD SOCIAL CRIS- TIANA	0.33	

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Table B.2 – *Continued from previous page*

	Country	Term	Party	Lower House	Upper House
199	Costa Rica	2002-2006	PLN: PARTIDO LIBERACION NACIONAL	0.30	
200	Costa Rica	2002-2006	PAC: PARTIDO DE ACCION CIUDADANA	0.25	
201	Costa Rica	2002-2006	MOVIMIENTO LIBERTARIO	0.11	
202	Costa Rica	2002-2006	PARTIDO RENOVACION COSTARRI- CENSE	0.02	
203	Costa Rica	2006-2010	PUSC: PAR- TIDO UNIDAD SOCIAL CRIS- TIANA	0.09	
204	Costa Rica	2006-2010	PLN: PARTIDO LIBERACION NACIONAL	0.44	
205	Costa Rica	2006-2010	PAC: PARTIDO DE ACCION CIUDADANA	0.30	
206	Costa Rica	2006-2010	MV: PARTIDO MOVIMIENTO LIBERTARIO	0.11	
207	Costa Rica	2006-2010	RN: PARTIDO RESTAURA- CION NA- CIONAL	0.02	
208	Costa Rica	2006-2010	FA: PARTIDO FRENTE AM- PLIO	0.02	
209	Costa Rica	2006-2010	PASE: PAR- TIDO ACCESI- BILIDAD SIN EXCLUSION	0.02	
210	Costa Rica	2006-2010	PUN: PAR- TIDO UNION NACIONAL	0.02	

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Table B.2 – *Continued from previous page*

	Country	Term	Party	Lower House	Upper House
211	Costa Rica	2010-2014	PUSC: PAR- TIDO UNIDAD SOCIAL CRIS- TIANA	0.11	
212	Costa Rica	2010-2014	PLN: PARTIDO LIBERACION NACIONAL	0.42	
213	Costa Rica	2010-2014	PAC: PARTIDO DE ACCION CIUDADANA	0.19	
214	Costa Rica	2010-2014	MV: PARTIDO MOVIMIENTO LIBERTARIO	0.16	
215	Costa Rica	2010-2014	Otros Partidos	0.12	
216	Ecuador	1996-1998	PSC: PARTIDO SOCIAL CRIS- TIANO	0.33	
217	Ecuador	1996-1998	DP: DEMOC- RACIA POPU- LAR	0.14	
218	Ecuador	1996-1998	PRE: PARTIDO ROLDOSISTA ECUATORI- ANO	0.23	
219	Ecuador	1996-1998	ID: IZQUIERDA DEMOCRAT- ICA	0.04	
220	Ecuador	1996-1998	MUPP-NP: MOVIMIENTO UNIFICADO PLURINA- CIONAL	0.10	
221	Ecuador	1996-1998	PCE: PAR- TIDO CON- SERVADOR ECUATORI- ANO	0.01	

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	Country	Term	Party	Lower House	Upper House
222	Ecuador	1996-1998	MPD: MOVIMIENTO POPULAR DEMO- CRATICO	0.01	
223	Ecuador	1996-1998	OTROS PAR- TIDOS	0.12	
224	Ecuador	1998-2002	PSC: PARTIDO SOCIAL CRIS- TIANO	0.23	
225	Ecuador	1998-2002	DP: DEMOC- RACIA POPU- LAR	0.27	
226	Ecuador	1998-2002	PRE: PARTIDO ROLDOSISTA ECUATORI- ANO	0.22	
227	Ecuador	1998-2002	ID: IZQUIERDA DEMOCRAT- ICA	0.13	
228	Ecuador	1998-2002	MUPP- NP:MOVIMIENTO UNIFICADO PLURINA- CIONAL	0.04	
229	Ecuador	1998-2002	MPD: MOVIMIENTO POPULAR DEMO- CRATICO	0.01	
230	Ecuador	1998-2002	OTROS PAR- TIDOS	0.10	
231	Ecuador	2002-2006	PSC: PARTIDO SOCIAL CRIS- TIANO	0.26	
232	Ecuador	2002-2006	DP-UDC: DEMOCRACIA POPULAR- UNION DEMOCRATA	0.04	

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Table B.2 – *Continued from previous page*

	Country	Term	Party	Lower House	Upper House
233	Ecuador	2002-2006	PRE: PARTIDO ROLDOSISTA ECUATORI- ANO	0.15	
234	Ecuador	2002-2006	ID: IZQUIERDA DEMOCRAT- ICA	0.16	
235	Ecuador	2002-2006	MUPP- NP:MOVIMIENTO UNIDAD PLURINA- CIONAL	0.11	
236	Ecuador	2002-2006	PRIAN: PAR- TIDO REN- OVADOR IN- STITUCIONAL ACCION	0.10	
237	Ecuador	2002-2006	MPD: MOVIMIENTO POPULAR DEMO- CRATICO	0.03	
238	Ecuador	2002-2006	PSP: PARTIDO SOCIEDAD PATRIOTICA 21 DE ENERO	0.06	
239	Ecuador	2002-2006	PS-FA: PAR- TIDOS SO- CIALISTA - FRENTE AMPLIO	0.03	
240	Ecuador	2002-2006	CFP: CON- CENTRACION DE FUERZAS POPULARES	0.01	
241	Ecuador	2002-2006	PL: PARTIDO LIBERTAD	0.01	

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Table B.2 – *Continued from previous page*

	Country	Term	Party	Lower House	Upper House
242	Ecuador	2002-2006	MPS: MOVIMIENTO PATRIA SOLI- DARIA	0.01	
243	Ecuador	2002-2006	MIP: MOVIMIENTO INTEGRA- CION PROVIN- CIAL	0.01	
244	Ecuador	2002-2006	TD: TRANS- FORMACION DEMOCRAT- ICA	0.01	
245	Ecuador	2002-2006	MIRE: MOVIMIENTO INTEGRA- CION RE- GIONAL ECU- ATORIANO	0.01	
246	Ecuador	2007-2008	MPAIS: MOVIMIENTO PATRIA AL- TIVVA Y SOBERANA	0.60	
247	Ecuador	2007-2008	PSP: PARTIDO SOCIEDAD PA- TRITICA	0.14	
248	Ecuador	2007-2008	PRIAN:PARTIDO RENOVADOR INSTITU- CIONAL DE ACCION NA- CIONAL	0.06	
249	Ecuador	2007-2008	PSC: PARTIDO SOCIAL CRIS- TIANO	0.04	
250	Ecuador	2007-2008	ID: IZQUIERDA DEMOCRAT- ICA	0.01	

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Table B.2 – *Continued from previous page*

	Country	Term	Party	Lower House	Upper House
251	Ecuador	2007-2008	MUPP-NP: MOVIMIENTO UNIFICADO PLURINA- CIONAL	0.04	
252	Ecuador	2007-2008	RED: RED ET- ICA Y DEMOC- RACIA	0.03	
253	Ecuador	2007-2008	MPD: MOVIMIENTO POPULAR DEMO- CRATICO	0.02	
254	Ecuador	2007-2008	MPC	0.01	
255	Ecuador	2007-2008	MCIFY	0.01	
256	Ecuador	2007-2008	MNH	0.01	
257	Ecuador	2007-2008	UNO	0.01	
258	Ecuador	2009-2012	MPAIS: MOVIMIENTO PATRIA AL- TIVVA Y SOBERANA	0.48	
259	Ecuador	2009-2012	PSP: PARTIDO SOCIEDAD PA- TRITICA	0.15	
260	Ecuador	2009-2012	PRIAN:PARTIDO RENOVADOR INSTITU- CIONAL DE ACCION NA- CIONAL	0.06	
261	Ecuador	2009-2012	PSC: PARTIDO SOCIAL CRIS- TIANO	0.03	
262	Ecuador	2009-2012	MOVIMIENTO POPULAR DEMO- CRATICO	0.04	
263	Ecuador	2009-2012	MOVIMIENTO MUNICIPAL- ISTA	0.04	

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	Country	Term	Party	Lower House	Upper House
264	Ecuador	2009-2012	Otros Partidos	0.20	
265	El Salvador	1994-1997	ARENA:	0.49	
			ALIANZA RE-PUBLICANA NACIONAL-ISTA		
266	El Salvador	1994-1997	FMLN:	0.25	
			FRENTE FARABUNDO MARTI DE LIBERACION NACIONAL		
267	El Salvador	1994-1997	PCN: PAR-TIDO DE CON-CILIACION NACIONAL	0.05	
268	El Salvador	1994-1997	PDC: PAR-TIDO DEMOCRATA CRISTIANO	0.21	
269	El Salvador	1997-2000	Arena	0.33	
270	El Salvador	1997-2000	FMLN	0.32	
271	El Salvador	1997-2000	PCN	0.13	
272	El Salvador	1997-2000	PDC	0.10	
273	El Salvador	1997-2000	FLP	0.08	
274	El Salvador	1997-2000	PD	0.01	
275	El Salvador	1997-2000	PLD	0.02	
276	El Salvador	2000-2003	ARENA:	0.35	
			ALIANZA RE-PUBLICANA NACIONAL-ISTA		
277	El Salvador	2000-2003	FMLN:	0.37	
			FRENTE FARABUNDO MARTI DE LIBERACION NACIONAL		

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	Country	Term	Party	Lower House	Upper House
278	El Salvador	2000-2003	PCN: PAR- TIDO DE CON- CILIACION NACIONAL	0.15	
279	El Salvador	2000-2003	OTROS PAR- TIDOS	0.13	
280	El Salvador	2003-2006	ARENA: RE- PUBLICANA NACIONAL- ISTA	0.32	
281	El Salvador	2003-2006	FMLN: FRE- NTE FARABUNDO MARTI PARA LA LIBERA- CION NA- CIONAL	0.37	
282	El Salvador	2003-2006	PCN: PAR- TIDO DE CON- CILIACION NACIONAL	0.19	
283	El Salvador	2003-2006	CDU: CEN- TRO DEMO- CRATICO UNIDO	0.06	
284	El Salvador	2003-2006	PDC: PAR- TIDO DEMOCRATA CRISTIANO	0.06	
285	El Salvador	2006-2009	ARENA: RE- PUBLICANA NACIONAL- ISTA	0.40	

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	Country	Term	Party	Lower House	Upper House
286	El Salvador	2006-2009	FMLN: FRENTE FARABUNDO MARTI PARA LA LIBERA- CION NA- CIONAL	0.38	
287	El Salvador	2006-2009	PCN: PAR- TIDO DE CON- CILIACION NACIONAL	0.12	
288	El Salvador	2006-2009	CD: CAM- BIO DEMO- CRATICO	0.02	
289	El Salvador	2006-2009	PDC: PAR- TIDO DEMOCRATA CRISTIANO	0.07	
290	El Salvador	2009-2011	ARENA: ALIANZA RE- PUBLICANA NACIONAL- ISTA	0.38	
291	El Salvador	2009-2011	FMLN: FRENTE FARABUNDO MARTI PARA LA LIBERA- CION NA- CIONAL	0.42	
292	El Salvador	2009-2011	PCN: PAR- TIDO DE CON- CILIACION NACIONAL	0.13	
293	El Salvador	2009-2011	CD: CAM- BIO DEMO- CRATICO	0.01	
294	El Salvador	2009-2011	PDC: PAR- TIDO DEMOCRATA CRISTIANO	0.06	

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	Country	Term	Party	Lower House	Upper House
295	Guatemala	1995-1999	PAN: PAR- TIDO DE AVANZADA NACIONAL	0.54	
296	Guatemala	1995-1999	FRG: FRENTE REPUBLICANO GUATEMAL- TECO	0.26	
297	Guatemala	1995-1999	FDNG: FRENTE DEMOCRATICO NUEVA GUATEMALA	0.07	
298	Guatemala	1995-1999	DCG: DEMOC- RACIA CRISTIANA GUATEMAL- TECA	0.04	
299	Guatemala	1995-1999	UCN: UNION DEL CENTRO NACIONAL	0.03	
300	Guatemala	1995-1999	UD: UNION DEMOCRAT- ICA	0.03	
301	Guatemala	1995-1999	MLN: MOVIMIENTO DE LIBERA- CION NA- CIONAL	0.01	
302	Guatemala	1995-1999	BANCADA INDEPENDI- ENTE	0.03	
303	Guatemala	2000-2004	PAN: PAR- TIDO DE AVANZADA NACIONAL	0.17	

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	Country	Term	Party	Lower House	Upper House
304	Guatemala	2000-2004	FRG: FRENTE REPUBLICANO GUATEMAL- TECO	0.56	
305	Guatemala	2000-2004	URNG: UNIDAD REVOLU- CIONARIA NACIONAL	0.04	
306	Guatemala	2000-2004	Unionista	0.09	
307	Guatemala	2000-2004	UNE	0.05	
308	Guatemala	2000-2004	OTROS	0.09	
309	Guatemala	2004-2008	PAN: PAR- TIDO DE AVANZADA NACIONAL	0.09	
310	Guatemala	2004-2008	FRG: FRENTE REPUBLICANO GUATEMAL- TECO	0.20	
311	Guatemala	2004-2008	GAN: GRAN ALIANZA NA- CIONAL	0.22	
312	Guatemala	2004-2008	UNE: UNIDAD NACIONAL DE LA ESPER- ANZA	0.18	
313	Guatemala	2004-2008	PATRIOTA	0.06	
314	Guatemala	2004-2008	PARTIDO UNIONISTA	0.03	
315	Guatemala	2004-2008	PSN	0.04	
316	Guatemala	2004-2008	Integracionista	0.05	
317	Guatemala	2004-2008	Otros	0.13	
318	Guatemala	2008-2012	UNE: UNIDAD NACIONAL DE LA ESPER- ANZA	0.32	

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	Country	Term	Party	Lower House	Upper House
319	Guatemala	2008-2012	GANA: GRAN ALIANZA NACIONAL	0.23	
320	Guatemala	2008-2012	PATRIOTA	0.18	
321	Guatemala	2008-2012	FRG: FRENTE REPUB- LICANO GUATEMAL- TECO	0.09	
322	Guatemala	2008-2012	PARTIDO UNIONISTA	0.04	
323	Guatemala	2008-2012	UNION CAM- BIO NA- CIONALISTA	0.03	
324	Guatemala	2008-2012	BANCADA GUATEMALA	0.03	
325	Guatemala	2008-2012	OTROS	0.07	
326	Guatemala	2012-2016	PATRIOTA	0.35	
327	Guatemala	2012-2016	LIBERTAD DEMOCRAT- ICA REONO- VADA	0.09	
328	Guatemala	2012-2016	UNION CAM- BIO NA- CIONALISTA	0.09	
329	Guatemala	2012-2016	UNIDAD NA- CIONAL ES- PERANZA	0.15	
330	Guatemala	2012-2016	CREO	0.08	
331	Guatemala	2012-2016	GANA: GRAN ALIANZA NACIONAL	0.15	
332	Guatemala	2012-2016	Independientes	0.02	
333	Guatemala	2012-2016	Otros	0.07	
334	Honduras	1994-1997	PL Partido Lib- eral	0.55	
335	Honduras	1994-1997	PN Partido Na- cional	0.43	

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	Country	Term	Party	Lower House	Upper House
336	Honduras	1994-1997	PINU-SD Partido Innovacion y Unidad Social Democracia	0.02	
337	Honduras	1997-2001	PL Partido Liberal	0.52	
338	Honduras	1997-2001	PN Partido Nacional	0.43	
339	Honduras	1997-2001	PINU-SD Partido Innovacion y Unidad Social Democracia	0.02	
340	Honduras	1997-2001	PDCH Partido Democrata Cristiano	0.02	
341	Honduras	1997-2001	PUD Partido Unificacion Democratica	0.01	
342	Honduras	2002-2006	PL Partido Liberal	0.43	
343	Honduras	2002-2006	PN Partido Nacional	0.48	
344	Honduras	2002-2006	PUD Partido Unificacion Democratica	0.04	
345	Honduras	2002-2006	Otros	0.05	
346	Honduras	2006-2010	PL Partido Liberal	0.48	
347	Honduras	2006-2010	PN Partido Nacional	0.43	
348	Honduras	2006-2010	PINU Partido Innovacion y Unidad	0.02	
349	Honduras	2006-2010	PDC Partido Democrata Cristiano	0.03	
350	Honduras	2006-2010	PUD Partido Unificacion Democratica	0.04	
351	Honduras	2010-2014	PL Partido Liberal	0.35	

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	Country	Term	Party	Lower House	Upper House
352	Honduras	2010-2014	PN Partido Na- cional	0.55	
353	Honduras	2010-2014	PDC Partido Democrata Cristiano	0.03	
354	Honduras	2010-2014	Otros	0.06	
355	Mexico	1994-1997	PAN: PARTIDO DE ACCION NACIONAL	0.24	0.20
356	Mexico	1994-1997	PRD: PAR- TIDO DE LA REVOLUCION DEMOCRAT- ICA	0.14	0.06
357	Mexico	1994-1997	PRI: PARTIDO REVOLU- CIONARIO INSTITU- CIONAL	0.60	0.74
358	Mexico	1994-1997	PT: PARTIDO DEL TRABAJO	0.02	0.00
359	Mexico	1997-2000	PAN: PARTIDO DE ACCION NACIONAL	0.24	0.26
360	Mexico	1997-2000	PRD: PAR- TIDO DE LA REVOLUCION DEMOCRAT- ICA	0.25	0.12
361	Mexico	1997-2000	PRI: PARTIDO REVOLU- CIONARIO INSTITU- CIONAL	0.48	0.60
362	Mexico	1997-2000	PT: PARTIDO DEL TRABAJO	0.01	0.01
363	Mexico	1997-2000	PVEM: PAR- TIDO VERDE ECOLOGISTA DE MEXICO	0.01	0.01

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	Country	Term	Party	Lower House	Upper House
364	Mexico	2000-2003	PAN: PARTIDO DE ACCION NACIONAL	0.41	0.36
365	Mexico	2000-2003	PRD: PAR- TIDO DE LA REVOLUCION DEMOCRAT- ICA	0.11	0.12
366	Mexico	2000-2003	PRI: PARTIDO REVOLU- CIONARIO INSTITU- CIONAL	0.42	0.47
367	Mexico	2000-2003	Otros	0.06	0.05
368	Mexico	2003-2006	PAN: PARTIDO DE ACCION NACIONAL	0.30	0.36
369	Mexico	2003-2006	PRD: PAR- TIDO DE LA REVOLUCION DEMOCRAT- ICA	0.19	0.12
370	Mexico	2003-2006	PRI: PARTIDO REVOLU- CIONARIO INSTITU- CIONAL	0.45	0.47
371	Mexico	2003-2006	Otros partidos	0.06	0.05
372	Mexico	2006-2009	PAN: PARTIDO DE ACCION NACIONAL	0.41	0.41
373	Mexico	2006-2009	PRD: PAR- TIDO DE LA REVOLUCION DEMOCRAT- ICA	0.25	0.10
374	Mexico	2006-2009	PRI: PARTIDO REVOLU- CIONARIO INSTITU- CIONAL	0.21	0.15

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	Country	Term	Party	Lower House	Upper House
375	Mexico	2006-2009	CONVERGENCIA	0.03	0.10
376	Mexico	2006-2009	PVEM: PAR- TIDO VERDE ECOLOGISTA DE MEXICO	0.04	0.14
377	Mexico	2006-2009	PT: PARTIDO DEL TRABAJO	0.03	0.10
378	Mexico	2006-2009	SP: Sin partido	0.03	0.00
379	Mexico	2009-2011	PRI: PARTIDO REVOLU- CIONARIO INSTITU- CIONAL	0.48	0.15
380	Mexico	2009-2011	PAN: PARTIDO DE ACCION NACIONAL	0.29	0.41
381	Mexico	2009-2011	PRD: PAR- TIDO DE LA REVOLUCION DEMOCRAT- ICA	0.14	0.10
382	Mexico	2009-2011	PVEM: PAR- TIDO VERDE ECOLOGISTA DE MEXICO	0.03	0.14
383	Mexico	2009-2011	PT: PARTIDO DEL TRABAJO	0.02	0.10
384	Mexico	2009-2011	Nueva Alianza	0.02	0.00
385	Mexico	2009-2011	CONVERGENCIA	0.01	0.10
386	Nicaragua	1996-2001	AL: ALIANZA LIBERAL	0.45	
387	Nicaragua	1996-2001	FSLN: FRENTE SAN- DINISTA DE LIBERACION NACIONAL	0.39	
388	Nicaragua	1996-2001	CCN: CAMINO CRISTIANO NICARAGUENSE	0.04	

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	Country	Term	Party	Lower House	Upper House
389	Nicaragua	1996-2001	PCN: PAR- TIDO CON- SERVADOR DE NICARAGUA	0.03	
390	Nicaragua	1996-2001	PRONAL: PROYECTO NACIONAL	0.02	
391	Nicaragua	1996-2001	MRS: MOVIMIENTO RENOVADOR SANDINISTA	0.01	
392	Nicaragua	1996-2001	PRN: PAR- TIDO RE- SISTENCIA NICARAGUENSE	0.01	
393	Nicaragua	1996-2001	UNIDAD: ALIANZA UNIDAD	0.01	
394	Nicaragua	1996-2001	PLI: PARTIDO LIBERAL INDEPENDI- ENTE	0.01	
395	Nicaragua	1996-2001	UNO 96	0.01	
396	Nicaragua	2002-2006	PLC: PARTIDO LIBERAL CONSTITU- CIONALISTA	0.53	
397	Nicaragua	2002-2006	FSLN: FRENTE SAN- DINISTA DE LIBERACION NACIONAL	0.42	
398	Nicaragua	2002-2006	Otros	0.04	
399	Nicaragua	2007-2011	PLC	0.24	
400	Nicaragua	2007-2011	FSLN	0.42	
401	Nicaragua	2007-2011	ALN	0.24	
402	Nicaragua	2007-2011	MRS	0.06	
403	Nicaragua	2007-2011	Independiente	0.04	
404	Panama	1999-2004	PRD	0.48	
405	Panama	1999-2004	PA	0.31	
406	Panama	1999-2004	Otros	0.21	

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	Country	Term	Party	Lower House	Upper House
407	Panama	2004-2009	PRD	0.53	
408	Panama	2004-2009	PA	0.22	
409	Panama	2004-2009	PS	0.12	
410	Panama	2004-2009	Molinera	0.05	
411	Panama	2004-2009	CD	0.04	
412	Panama	2004-2009	PLN	0.04	
413	Panama	2004-2009	PP	0.01	
414	Panama	2009-2013	PRD	0.32	
415	Panama	2009-2013	CD	0.17	
416	Panama	2009-2013	PA	0.27	
417	Panama	2009-2013	UNION PATRI- OTICA	0.06	
418	Panama	2009-2013	Otros	0.18	
419	Paraguay	1993-1998	ANR: ASO- CIACION NACIONAL REPUBLICANA	0.47	0.44
420	Paraguay	1993-1998	PLRA: PAR- TIDO LIB- ERAL RADI- CAL AUTEN- TICO	0.41	0.38
421	Paraguay	1993-1998	PEN: PARTIDO ENCUENTRO NACIONAL	0.11	0.18
422	Paraguay	1998-2003	ANR: ASO- CIACION NACIONAL REPUBLICANA	0.56	0.53
423	Paraguay	1998-2003	PLRA: PAR- TIDO LIB- ERAL RADI- CAL AUTEN- TICO	0.33	0.29
424	Paraguay	1998-2003	PEN: PARTIDO ENCUENTRO NACIONAL	0.11	0.16

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	Country	Term	Party	Lower House	Upper House
425	Paraguay	2003-2008	ANR: ASO- CIACION NACIONAL REPUBLI- CANA	0.46	0.36
426	Paraguay	2003-2008	PLRA: PAR- TIDO LIB- ERAL RADI- CAL AUTEN- TICO	0.26	0.27
427	Paraguay	2003-2008	UNACE: NA- TIONAL DE CIUDADANOS ETICOS	0.12	0.16
428	Paraguay	2003-2008	MPQ: MOVIMIENTO PATRIA QUERIDA	0.12	0.16
429	Paraguay	2003-2008	PPS: PAR- TIDO PAIS SOLIDARIO	0.03	0.04
430	Paraguay	2008-2013	ANR	0.33	0.33
431	Paraguay	2008-2013	PLRA	0.28	0.31
432	Paraguay	2008-2013	UNACE	0.19	0.20
433	Paraguay	2008-2013	Otros	0.20	0.16
434	Peru	1995-2000	APRA: ALIANZA POPULAR REVOLU- CIONARIA AMERICANA	0.07	
435	Peru	1995-2000	UPP: UNION POR EL PERU	0.14	
436	Peru	1995-2000	CAMBIO 90- NUEVA MAYO- RIA	0.56	
437	Peru	1995-2000	OTROS PAR- TIDOS	0.23	
438	Peru	2001-2006	UN: UNIDAD NACIONAL	0.14	

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	Country	Term	Party	Lower House	Upper House
439	Peru	2001-2006	FIM: FRENTE INDEPENDI- ENTE MORAL- IZADOR	0.09	
440	Peru	2001-2006	PAP: PARTIDO APRISTA PE- RUANO	0.22	
441	Peru	2001-2006	UPP: UNION POR EL PERU	0.05	
442	Peru	2001-2006	PP: PARTIDO PERU POSI- BLE	0.38	
443	Peru	2001-2006	OTROS PAR- TIDOS	0.12	
444	Peru	2006-2011	UPP: UNION POR EL PERU	0.38	
445	Peru	2006-2011	PAP: PARTIDO APRISTA PE- RUANO	0.30	
446	Peru	2006-2011	AF	0.11	
447	Peru	2006-2011	PPC	0.02	
448	Peru	2006-2011	UN: UNIDAD NACIONAL	0.14	
449	Peru	2006-2011	FC	0.04	
450	Peru	2006-2011	PNP	0.01	
451	Peru	2006-2011	OTROS PAR- TIDOS	0.01	
452	Peru	2010-2011	UPP: UNION POR EL PERU	0.38	
453	Peru	2010-2011	PAP: PARTIDO APRISTA PE- RUANO	0.30	
454	Peru	2010-2011	AF	0.11	
455	Peru	2010-2011	PPC	0.02	
456	Peru	2010-2011	UN: UNIDAD NACIONAL	0.14	
457	Peru	2010-2011	FC	0.04	
458	Peru	2010-2011	PNP	0.01	
459	Peru	2010-2011	OTROS PAR- TIDOS	0.01	
460	Republica Dominicana	1994-1998	PRD	0.47	0.47

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	Country	Term	Party	Lower House	Upper House
461	Republica Dominicana	1994-1998	PLD	0.11	0.03
462	Republica Dominicana	1994-1998	PRSC	0.42	0.50
463	Republica Dominicana	1998-2002	PRD	0.45	0.80
464	Republica Dominicana	1998-2002	PLD	0.33	0.13
465	Republica Dominicana	1998-2002	PRSC	0.11	0.07
466	Republica Dominicana	1998-2002	BIP	0.07	0.00
467	Republica Dominicana	1998-2002	Otros	0.04	0.00
468	Republica Dominicana	2002-2006	PRD	0.49	0.91
469	Republica Dominicana	2002-2006	PLD	0.27	0.06
470	Republica Dominicana	2002-2006	PRSC	0.24	0.03
471	Republica Dominicana	2006-2010	PRD	0.34	0.22
472	Republica Dominicana	2006-2010	PLD	0.54	0.69
473	Republica Dominicana	2006-2010	PRSC	0.12	0.09
474	Republica Dominicana	2010-2016	PLD	0.57	0.97
475	Republica Dominicana	2010-2016	PRD	0.41	0.00
476	Republica Dominicana	2010-2016	PRSC	0.02	0.03
477	Uruguay	1995-2000	FA: FRENTE Amplio	0.31	0.29
478	Uruguay	1995-2000	PC: PARTIDO COLORADO	0.32	0.35
479	Uruguay	1995-2000	PN: PARTIDO NACIONAL	0.31	0.32
480	Uruguay	1995-2000	NE: NUEVO ESPACIO	0.05	0.03
481	Uruguay	2000-2005	EP/FA: ENCUENTRO PROGRESISTA-FRENTE AMPLIO	0.40	0.39
482	Uruguay	2000-2005	PC: PARTIDO COLORADO	0.33	0.35
483	Uruguay	2000-2005	PN: PARTIDO NACIONAL	0.22	0.23
484	Uruguay	2000-2005	NE: NUEVO ESPACIO	0.04	0.03
485	Uruguay	2005-2010	EP/FA/NM: ENCUENTRO PROGRESISTA-FRENTE Nueva Mayoria	0.54	0.55

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Table B.2 – *Continued from previous page*

	Country	Term	Party	Lower House	Upper House
486	Uruguay	2005-2010	PC: PARTIDO COLORADO	0.10	0.10
487	Uruguay	2005-2010	PN: PARTIDO NACIONAL	0.34	0.35
488	Uruguay	2005-2010	Partido Inde- pendiente	0.02	0.00
489	Uruguay	2010-2015	EP/FA/NM: ENCUENTRO PROGRESISTA- FRENTE Nueva Mayoria	0.51	0.52
490	Uruguay	2010-2015	PN: PARTIDO NACIONAL	0.30	0.32
491	Uruguay	2010-2015	PC: PARTIDO COLORADO	0.17	0.16
492	Uruguay	2010-2015	Partido Inde- pendiente	0.02	0.00
493	Venezuela	1993-1998	MAS: MOVIMIENTO AL SOCIAL- ISMO	0.12	0.10
494	Venezuela	1993-1998	AD: ACCION DEMOCRAT- ICA	0.27	0.32
495	Venezuela	1993-1998	COPEI: COMITE DE ORGA- NIZACION POLITICA ELECTORAL	0.26	0.28
496	Venezuela	1993-1998	CAUSA R	0.20	0.18
497	Venezuela	1993-1998	CONVERGENCIA	0.13	0.12
498	Venezuela	1993-1998	OTROS PAR- TIDOS	0.01	0.00
499	Venezuela	2000-2005	MVR: MOVIMIENTO V REPUBLICA	0.48	
500	Venezuela	2000-2005	AD: ACCION DEMOCRAT- ICA	0.19	

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Table B.2 – *Continued from previous page*

	Country	Term	Party	Lower House	Upper House
501	Venezuela	2000-2005	MAS: MOVIMIENTO AL SOCIAL- ISMO	0.11	
502	Venezuela	2000-2005	COPEI: COMITE DE ORGA- NIZACION POLITICA ELECTORAL	0.03	
503	Venezuela	2000-2005	PRVZL: PROYECTO VENEZUELA	0.05	
504	Venezuela	2000-2005	OTROS PAR- TIDOS	0.13	

Recoded structural policy reform indicators

Table C.1: Summary statistics for policy input data

Statistic	N	Mean	St. Dev.	Min	Max
Reserve requirement	474	2.87	0.86	1	4
Job termination cost	510	3.18	0.83	1	4
Minimum wage	510	1.52	0.70	1	3
Working flexibility	510	2.61	0.49	2	3
Hiring flexibility	536	2.27	0.78	1	4
Social security tax	518	2.89	0.69	1	4
Corporate tax	448	3.59	0.75	1	4
Personal tax	540	2.40	1.18	1	4
Value added tax	505	3.34	0.69	1	4
Average tariff	514	2.99	0.85	1	4
Trade dispersion	397	2.88	0.72	1	4
Interest rate	479	2.99	0.90	1	4
Financial transaction	510	3.46	1.04	1	4
Privatization	425	1.63	0.86	1	4
Privatized assets	389	1.33	0.53	1	4
Capital openness	493	2.90	0.81	1	4

Table C.2: Categorical codification of all policy outcomes. Higher numbers correspond to heavier state intervention.

Country	Year	Reserve re- quire- ment	Job termi- nation cost	Minimum wage	Working flexi- bility	Hiring flexi- bility	Social secu- rity tax	Corporate tax	Personal tax	Value added tax	Average tariff	Trade disper- sion	Interest rate	Financial trans- action	Privat.	Privatized assets	Capital open- ness
Argentina	1,990	2	4	1	2	3	3	4	1	3	3	3	4	3	1	2	1
Argentina	1,991	2	4	1	2	3	3	4	1	3	3	3	4	4	1	1	1
Argentina	1,992	2	4	1	2	2	3	4	1	3	2	3	4	4	1	2	1
Argentina	1,993	2	4	1	2	2	3	4	3	3	2	3	4	4	2	2	1
Argentina	1,994	2	4	1	2	2	3	4	3	3	2	3	4	4	2	2	1
Argentina	1,995	3	4	1	2	2	3	4	4	3	2	3	4	4	2	2	1
Argentina	1,996	3	4	1	2	2	3	4	3	3	2	3	4	4	2	2	1
Argentina	1,997	3	4	1	2	2	3	4	4	3	2	3	4	4	2	2	1
Argentina	1,998	3	4	1	2	2	3	4	4	3	2	3	4	4	3	2	1
Argentina	1,999	3	4	1	2	2	3	4	3	3	2	3	4	4	3	2	1
Argentina	2,000	3	4	1	2	2	3	4	3	3	2	3	4	4	3	2	1
Argentina	2,001	3	4	1	2	2	3	2	1	3	2	3	4	4	3	1	1
Argentina	2,002	2	4	1	2	2	3	2	1	3	2	3	4	4	3	1	2
Argentina	2,003	3	4	1	2	2	3	2	2	3	2	3	4	4	3	1	2
Argentina	2,004	3	4	1	2	2	3	2	2	3	2	3	4	4	3	1	2
Argentina	2,005	3	4	1	2	2	3	2	2	3	2	3	3	4	3	1	2
Argentina	2,006	3	4	1	2	2	3	2	1	3	2	3	3	4	3	1	2
Argentina	2,007	3	4	1	2	2	3	2	1	3	2	3	3	4	3	1	2
Argentina	2,008	3	4	1	2	2	3	2	1	4	2	3	3	4	3	1	2
Argentina	2,009	3	4	1	2	2	3	2	1	4	2	3	3	4	3	1	2
Argentina	2,010	3	4	1	2	2	3	2	1	3	2		3	4		1	
Argentina	2,011	3	4	1	2	2	3	2	1	4	2		3	4		1	2
Argentina	2,012	3	4	1	2	2	3	2	1	4	2		3	4		1	2
Argentina	2,013	3	4	1	2	2	3	2	1	3	2		3	4		1	2
Argentina	2,014	2	4	1	2	2	3	2	1	3	2		3	4		1	
Bolivia	1,990	2	2	2	3	4	4	4	2	3	4	2		4	1		3
Bolivia	1,991	3	2	2	3	4	4	4	2	4	4	3	3	4		1	3
Bolivia	1,992	3	2	2	3	4	4	4	2	4	3	3	3	4	1		3
Bolivia	1,993	3	2	2	3	4	4	4	2	4	3	4	3	4	1		3
Bolivia	1,994	4	2	2	3	4	4	4	2	4	3	4	3	4	1		3
Bolivia	1,995	3	2	2	3	3	4	4	2	4	3	4	3	4	1	2	3
Bolivia	1,996	3	2	2	3	3	4	4	2	4	3	4	3	4	1	2	3
Bolivia	1,997	3	2	2	3	3	4	4	3	4	3	4	3	4	2	3	3
Bolivia	1,998	4	2	2	3	3	4	4	3	4	3	4	3	4	4	4	3
Bolivia	1,999	4	2	2	3	3	4	4	3	4	3	4	3	4	4	3	3
Bolivia	2,000	4	2	2	3	3	4	4	3	4	3	4	3	4	4	2	3
Bolivia	2,001	4	2	2	3	3	4	4	3	4	3	4	3	4	4	2	3
Bolivia	2,002	4	2	2	3	3	4	4	3	4	3	3	3	4	4	3	3
Bolivia	2,003	4	2	2	3	3	4	4	3	4	3	4	3	4	4	1	3
Bolivia	2,004	4	2	2	3	3	4	3	3	4	3	4	3	4	4	1	3
Bolivia	2,005	4	2	2	3	3	4	3	3	4	3	4	3	4	4	2	3
Bolivia	2,006	4	2	2	3	3	4	3	3	4	3	4	3	4	4	1	3
Bolivia	2,007	4	2	2	3	3	4	3	3	4	3	4	3	4	4	1	3
Bolivia	2,008	4	2	2	3	3	4	3	3	4	3	4	3	4	4	1	3
Bolivia	2,009	4	2	2	3	3	4	3	2	4	3	3	3	4	4	1	3
Bolivia	2,010		2	2	3	3	4	3	2	4	3		3	4			
Bolivia	2,011		2	2	3	3	4	3	2	4	3		3	4			3
Bolivia	2,012		2	2	3	3	4	3	2	4	3		3	4			
Bolivia	2,013		2	2	3	3	4	3	2	4	3		3	4		1	2
Bolivia	2,014		2	2	3	3	4	3	2	4	3		3	4		1	
Brasil	1,990	2	4	2	2	1	3	4	1	2	1	2	4	4	1		2
Brasil	1,991	2	4	2	2	1	3	4	1	3	1	2	4	4	1		2
Brasil	1,992	3	4	2	2	1	3	4	1	3	1	2	4	4	1		2

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Table C.2 – continued from previous page

Country	Year	Reserve re- quire- ment	Job termi- nation cost	Minimum wage	Working flexi- bility	Hiring flexi- bility	Social secu- rity tax	Corporate tax	Personal tax	Value added tax	Average tariff	Trade disper- sion	Interest rate	Financial trans- action	Privat.	Privatized assets	Capital open- ness
Brasil	1,993	3	4	2	2	1	3	4	1	3	1	3	4	4	1		2
Brasil	1,994	2	4	2	2	3	3	3	1	3	1	3	4	4	1	1	2
Brasil	1,995	1	4	2	2	3	3	4	1	3	1	3	4	4	1	1	2
Brasil	1,996	2	4	2	2	3	3	4	1	3	1	3	4	4	1	1	2
Brasil	1,997	2	4	2	2	3	3	3	1	3	1	3	4	4	1	2	2
Brasil	1,998	2	4	2	2	3	3	3	1	3	1	3	4	4	2	2	2
Brasil	1,999	2	4	2	2	2	3	2	1	3	1	3	4	4	2	2	2
Brasil	2,000	3	4	2	2	2	3	2	1	3	1	3	4	4	2	2	2
Brasil	2,001	3	4	2	2	2	3	3	1	3	1	3	4	4	2	2	2
Brasil	2,002	2	4	2	2	2	3	2	2	3	1	3	4	4	2	1	2
Brasil	2,003	2	4	2	2	2	3	2	2	3	1	3	4	4	3	1	2
Brasil	2,004	2	4	2	2	2	3	2	2	3	1	3	4	4	3	1	2
Brasil	2,005	2	4	2	2	2	3	2	2	3	1	3	4	4	3	1	2
Brasil	2,006	2	4	2	2	2	3	2	2	3	1	3	4	4	3	1	2
Brasil	2,007	2	4	2	2	2	3	2	2	3	1	3	4	4	3	1	2
Brasil	2,008	2	4	2	2	2	3	4	2	3	1	3	4	4	3	2	2
Brasil	2,009	2	4	2	2	2	3	4	2	3	1	3	4	4	3	2	2
Brasil	2,010	2	4	2	2	2	3		2	3			4	4		1	2
Brasil	2,011	2	4	2	2	2	3		2	3	2		4	4		1	2
Brasil	2,012	2	4	2	2	2	3		2	3	2		4	4		2	2
Brasil	2,013	2	4	2	2	2	3		2	3	2		4	4		1	2
Brasil	2,014	2	4	2	2	2	3		2	3	2		4	4		2	2
Chile	1,990	4	4	1	2	4	2	2	1	3	2	4	4	4	2	1	3
Chile	1,991	4	3	1	2	4	2	2	1	3	2	4	4	4	2		3
Chile	1,992	4	3	1	2	4	2	2	1	3	2	4	4	4	2	1	3
Chile	1,993	4	3	1	2	4	2	2	1	3	2	4	4	4	2	1	3
Chile	1,994	4	3	1	2	4	2	2	1	3	2	4	4	4	2	1	3
Chile	1,995	4	3	1	2	4	2	2	2	3	2	4	4	4	2	2	3
Chile	1,996	4	3	1	2	4	2	2	1	3	2	4	4	4	2	2	3
Chile	1,997	4	3	1	2	4	2	2	1	3	2	4	4	4	3	2	3
Chile	1,998	4	3	1	2	4	2	2	1	3	2	4	4	4	3	2	3
Chile	1,999	4	3	1	2	4	2	2	1	4	2	4	4	4	3	3	3
Chile	2,000	4	3	1	2	4	2	2	1	4	2	4	4	4	3	2	3
Chile	2,001	4	3	1	2	4	2	2	3	4	2	4	4	4	4	2	3
Chile	2,002	4	3	1	2	4	2	2	3	4	2	4	4	4	4	2	3
Chile	2,003	4	3	1	2	4	2	2	4	4	2	4	4	4	4	1	3
Chile	2,004	4	3	1	2	4	2	2	4	4	2	4	4	4	4	1	3
Chile	2,005	4	3	1	2	4	2	2	4	4	2	4	4	4	4	1	3
Chile	2,006	4	3	1	2	4	2	2	4	4	2	4	4	4	4	1	3
Chile	2,007	4	3	1	2	4	2	2	4	4	2	4	4	4	4	1	3
Chile	2,008	4	3	1	2	4	2	2	4	4	2	4	4	4	4	1	3
Chile	2,009	4	3	1	2	4	2	3	4	4	2	4	4	4	4	1	3
Chile	2,010	4	3	1	2	4	2		3	4	2		4	4		1	3
Chile	2,011	4	3	1	2	3	2		3	4	2		4	4		1	3
Chile	2,012	4	3	1	2	3	2		3	4	2		4	4		1	
Chile	2,013	4	3	1	2	3	2		3	4	2		4	4		2	3
Chile	2,014	4	3	1	2	3	2		3		2			4		1	
Colombia	1,990	2	3	1	2	2	3	4	1	3	3	2	3	2	1		3
Colombia	1,991	1	3	1	2	2	3	4	1	4	3	3	3	4	1		3
Colombia	1,992	1	3	1	2	2	3	4	1	3	3	3	3	4	1	1	3
Colombia	1,993	1	3	1	2	2	3	4	1	3	3	3	3	4	1	1	2
Colombia	1,994	1	3	1	2	2	3	4	1	3	3	3	3	4	1	2	3
Colombia	1,995	2	3	1	2	2	3	4	1	3	3	3	3	4	1	2	2
Colombia	1,996	3	3	1	2	2	3	4	1	3	3	3	3	4	1	2	2
Colombia	1,997	3	3	1	2	2	3	4	1	3	3	3	3	4	2	2	2
Colombia	1,998	3	3	1	2	2	3	4	1	3	3	3	3	4	2	1	2

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Table C.2 – continued from previous page

Country	Year	Reserve re- quire- ment	Job termi- nation cost	Minimum wage	Working flexi- bility	Hiring flexi- bility	Social secu- rity tax	Corporate tax	Personal tax	Value added tax	Average tariff	Trade disper- sion	Interest rate	Financial trans- action	Privat.	Privatized assets	Capital open- ness
Colombia	1,999	3	3	1	2	2	3	3	1	3	3	3	3	4	2	1	2
Colombia	2,000	3	3	1	2	2	3	3	1	3	3	3	3	4	2	1	2
Colombia	2,001	3	3	1	2	2	3	3	1	3	3	3	3	4	2	1	2
Colombia	2,002	3	3	1	2	2	3	3	1	3	3	3	3	4	2	1	2
Colombia	2,003	3	4	1	2	2	3	3	1	3	3	3	3	4	2	1	2
Colombia	2,004	3	4	1	2	2	3	2	2	3	3	3	3	4	2	1	2
Colombia	2,005	3	4	1	2	2	2	2	2	3	3	3	3	4	2	1	2
Colombia	2,006	3	4	1	2	2	2	2	2	3	3	3	3	4	2	2	2
Colombia	2,007	2	4	1	2	2	3	2	2	3	3	3	3	4	2	1	2
Colombia	2,008	3	4	1	2	2	3	2	3	3	3	3	3	4	2	1	2
Colombia	2,009	4	4	1	2	2	3	2	2	3	3	3	3	4	2	1	2
Colombia	2,010	4	4	1	2	2	3	2	2	3	3		4	4		1	
Colombia	2,011	4	4	1	2	2	3	2	2	4	3		4	4		1	1
Colombia	2,012	4	4	1	2	2	3	2	2	4	3		4	4		1	
Colombia	2,013	4	4	1	2	2	3	2	2	4	3		4	4		1	2
Colombia	2,014	4	4	1	2	2	3	2	2	4	3		4	4		2	2
CostaRica	1,990	3	3	1	2	2	3	4	1	3	4	3	2	3	1		2
CostaRica	1,991	3	3	1	2	2	3	4	1	3	4	3	2	3	1		2
CostaRica	1,992	3	3	1	2	2	3	4	1	3	4	3	3	3	1	1	2
CostaRica	1,993	2	3	1	2	2	3	4	1	4	4	3	3	3	1		2
CostaRica	1,994	2	3	1	2	2	3	4	2	4	4	3	3	3	1	1	2
CostaRica	1,995	2	3	1	2	2	3	4	2	4	4	3	3	3	1	1	2
CostaRica	1,996	2	3	1	2	2	3	4	2	3	3	3	3	3	1	1	2
CostaRica	1,997	3	3	1	2	2	3	4	3	3	3	3	3	3	1	1	2
CostaRica	1,998	4	3	1	2	2	3	4	3	3	3	3	3	3	1	1	2
CostaRica	1,999	4	3	1	2	2	3	4	3	4	3	2	3	3	1	1	2
CostaRica	2,000	4	4	1	2	2	3	4	3	4	3	3	3	3	1	1	2
CostaRica	2,001	4	4	1	2	2	3	4	3	4	3	3	3	3	1		2
CostaRica	2,002	4	4	1	2	2	3	4	3	4	3	3	3	3	1		2
CostaRica	2,003	4	4	1	2	2	3	4	3	4	3	3	3	3	1	1	2
CostaRica	2,004	4	4	1	2	2	3	4	3	4	3	3	3	3	1	1	2
CostaRica	2,005	3	4	1	2	2	3	4	3	4	3	3	3	3	1	1	2
CostaRica	2,006	3	4	1	2	2	3	4	3	4	3	3	3	3	1	1	2
CostaRica	2,007	3	4	1	2	2	3	4	3	4	3	3	3	3	1	1	2
CostaRica	2,008	3	4	1	2	2	3	4	3	4	3	3	3	3	1		2
CostaRica	2,009	3	4	1	2	2	3	4	3	4	3	3	3	3	1	1	2
CostaRica	2,010	3	4	1	2	2	4		3	4	3	3	3	3			3
CostaRica	2,011	3	4	1	2	2	4		4	4	3		3	3		1	3
CostaRica	2,012	3	4	1	2	2	4		4	4	3		3	3		1	3
CostaRica	2,013	3	4	1	2	2	4		4	4	3		3	3		1	3
CostaRica	2,014	3	4	1	2	2	4		3	4	3		4	3		1	
Ecuador	1,990	3	2	1	3	3	3	4	1	2	4	2		2	1		3
Ecuador	1,991	2	2	1	3	3	3	4	1	2	4	2		2	1		3
Ecuador	1,992	2	2	1	3	3	3	4	2	3	4	3		4	1		3
Ecuador	1,993	2	2	1	3	3	3	4	2	4	4	3		4	1		3
Ecuador	1,994	3	2	1	3	3	3	4	2	3	4	3	3	4	1	1	3
Ecuador	1,995	4	2	1	3	3	3	4	2	3	4	3	2	4	1	1	3
Ecuador	1,996	4	2	1	3	3	3	4	2	3	4	3	2	4	1	1	3
Ecuador	1,997	4	2	1	3	3	3	4	2	3	4	3	2	4	1	1	3
Ecuador	1,998	4	2	1	3	3	3	4	2	3	4	3	2	4	1	2	3
Ecuador	1,999	4	2	1	3	3	3	2	2	3	3	3	3	4	1	1	3
Ecuador	2,000	4	2	1	3	3	3	2	2	3	3		2	4	1	1	3
Ecuador	2,001	4	2	1	3	3	3	4	2	3	3		2	4	2	2	3
Ecuador	2,002	4	2	1	3	3	3	4	2	3	3	3	2	4	2	1	3
Ecuador	2,003	4	2	1	3	3	3	4	2	3	3	3	2	4	2	1	3
Ecuador	2,004	4	2	1	3	3	3	4	3	3	3	3	3	4	2	1	3

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Country	Year	Reserve re- quire- ment	Job termi- nation cost	Minimum wage	Working flexi- bility	Hiring flexi- bility	Social secu- rity tax	Corporate tax	Personal tax	Value added tax	Average tariff	Trade disper- sion	Interest rate	Financial trans- action	Privat.	Privatized assets	Capital open- ness
Ecuador	2,005	4	2	1	3	3	3	4	4	3	3	3	3	1	2	2	3
Ecuador	2,006	4	2	1	3	3	3	4	4	3	3	3	3	1	2	2	3
Ecuador	2,007	4	2	1	3	3	3	4	4	3	3	3	3	1	2	1	3
Ecuador	2,008	4	2	1	3	3	3	4	4	3	3	3	3	1	2	2	3
Ecuador	2,009	4	2	1	3	3	3	4	4	3	3	2	3	1	2	1	3
Ecuador	2,010	4	2	1	3	3	3		4	4	3		3	1		1	3
Ecuador	2,011	4	2	1	3	3	3		2	4	3		3	1		1	3
Ecuador	2,012	4	2	1	3	3	3		2	4	3		3	1		1	3
Ecuador	2,013	4	2	1	3	3	3		2		3		3	1		1	3
Ecuador	2,014	4	2	1	3	3	3		2	4				1		1	
El Salvador	1,990	2	3	2	3	2	2	4	1	3		3	2	2	1		4
El Salvador	1,991	2	3	2	3	2	2	4	1	3		3	2	2	1		4
El Salvador	1,992	2	3	2	3	2	1	4	1	3	4	3	2	4	1		4
El Salvador	1,993	2	3	2	3	3	3	4	2	3	4	3	2	4	1		4
El Salvador	1,994	2	3	2	3	3	3	4	2	4	4	3	2	4	1		4
El Salvador	1,995	2	3	2	3	3	3	4	2	4	3	3	2	4	1	1	4
El Salvador	1,996	2	3	2	3	3	3	4	3	4	3	3	2	4	1	1	4
El Salvador	1,997	2	3	2	3	3	3	4	3	4	3	3	2	4	1	1	3
El Salvador	1,998	2	3	2	3	3	3	4	4	4	3	3	2	4	2	3	4
El Salvador	1,999	2	3	2	3	3	3	4	4	4	3	3	2	4	2	2	3
El Salvador	2,000	3	3	2	3	3	3	4	4	4	3	3	3	4	2	2	3
El Salvador	2,001	3	3	2	3	3	3	4	4	4	3	3	3	4	2	1	3
El Salvador	2,002	3	3	2	3	3	3	4	4	4	3	3	3	4	2	1	3
El Salvador	2,003	3	3	2	3	3	3	4	4	4	3	3	3	4	2	1	3
El Salvador	2,004	3	3	2	3	3	3	4	4	4	3	3	3	4	2	2	3
El Salvador	2,005	3	3	2	3	3	3	4	4	4	3	3	3	4	3	1	3
El Salvador	2,006	3	3	2	3	3	3	4	4	4	3	3	3	4	3	1	3
El Salvador	2,007	3	3	2	3	3	3	4	4	4	3	3	3	4	3	2	3
El Salvador	2,008	3	3	2	3	3	3	4	4	4	3	3	3	4	3	1	3
El Salvador	2,009	3	3	2	3	3	3	4	4	4	3	3	3	4	3	1	3
El Salvador	2,010		3	2	3	3	3		4	4	3		3	4		1	3
El Salvador	2,011		3	2	3	3	3		3	4	3		3	4		1	3
El Salvador	2,012		3	2	3	2	3		3	4	3		3	4		1	
El Salvador	2,013		3	2	3	2	3		3	4	3		3	4		1	3
El Salvador	2,014		3	2	3	2	3		3	4	3			4		1	3
Guatemala	1,990	3	3	1	3	2	3	4	2	3	4	3		4	1		4
Guatemala	1,991	3	3	1	3	2	3	4	2	3	4	3		4	1		4
Guatemala	1,992	3	3	1	3	2	3	4	2	3	4	3		4	1		4
Guatemala	1,993	3	3	1	3	3	3	4	2	3	4	3		4	1		4
Guatemala	1,994	3	3	1	3	3	3	4	3	4	4	3		4	1	1	4
Guatemala	1,995	3	3	1	3	3	3	4	3	4	4	3		4	1	1	4
Guatemala	1,996	3	3	1	3	3	3	4	3	4	4	3	3	4	1	2	4
Guatemala	1,997	2	3	1	3	2	3	4	3	4	4	3	3	4	1	1	4
Guatemala	1,998	2	3	1	3	2	3	4	3	4	4	3	3	4	2	3	4
Guatemala	1,999	3	3	1	3	2	3	4	3	4	4	3	3	4	2	2	4
Guatemala	2,000	3	3	1	3	3	3	4	3	4	4	3	3	4	2	1	4
Guatemala	2,001	3	3	1	3	2	3	4	4	4	4	3	3	4	2	1	4
Guatemala	2,002	3	3	1	3	2	3	4	4	4	4	3	3	4	2	1	4
Guatemala	2,003	3	3	1	3	2	3	4	4	4	4	3	2	4	2	1	4
Guatemala	2,004	3	3	1	3	2	3	4	4	4	3	3	2	4	2	1	4
Guatemala	2,005	3	3	1	3	2	3	4	4	4	3	3	2	4	2	1	4
Guatemala	2,006	3	3	1	3	2	3	4	4	4	3	3	2	4	2	1	4
Guatemala	2,007	3	3	1	3	2	3	4	4	4	3	3	2	4	3	2	4
Guatemala	2,008	3	3	1	3	2	3	4	4	4	3	3	3	4	3	1	4
Guatemala	2,009	3	3	1	3	2	3	4	4	4	3	3	2	4	3	1	4
Guatemala	2,010		3	1	3	2	3		4	4	3		2	4		2	

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Country	Year	Reserve re- quire- ment	Job termi- nation cost	Minimum wage	Working flexi- bility	Hiring flexi- bility	Social secu- rity tax	Corporate tax	Personal tax	Value added tax	Average tariff	Trade disper- sion	Interest rate	Financial trans- action	Privat.	Privatized assets	Capital open- ness
Guatemala	2,011		3	1	3	2	3		4	4	3		2	4		1	4
Guatemala	2,012		3	1	3	2	3		4	4	3		2	4		1	
Guatemala	2,013		3	1	3	2	4		4	4	3		2	4		2	4
Guatemala	2,014		3	1	3	3	4		4	4	3			4		1	4
Honduras	1,990	4	3	1	3	1	2	4	1	3	4		2	1	1		4
Honduras	1,991	3	3	1	3	1	2	4	1	3	4		2	1	1		4
Honduras	1,992	3	3	1	3	1	2	4	1	3	4		2	4	1		4
Honduras	1,993	4	3	1	3	1	2	4	2	3	4		2	4	1		4
Honduras	1,994	4	3	1	3	1	2	4	2	3	4		2	4	1	2	4
Honduras	1,995	3	3	1	3	1	2	4	3	4		3	2	4	1	1	4
Honduras	1,996	3	3	1	3	1	3	4	2		4	3	2	4	1	1	4
Honduras	1,997	2	3	1	3	1	3	4	2		4	3	2	4	1	1	4
Honduras	1,998	2	3	1	3	1	3	4	2		4	3	2	4	1	2	4
Honduras	1,999	3	3	1	3	3	3	4	2	4	3	3	2	4	1	1	4
Honduras	2,000	3	3	1	3	3	3	4	2	4	3	3	2	4	1	2	4
Honduras	2,001	3	3	1	3	3	3	4	2	4	3	3	2	4	2	2	4
Honduras	2,002	3	3	1	3	3	3	4	2	4	3	3	2	4	2	1	4
Honduras	2,003	3	3	1	3	3	3	4	2	4	3	3	2	4	2	2	4
Honduras	2,004	3	3	1	3	3	3	4	2	4	3	3	2	4	2	1	4
Honduras	2,005	3	3	1	3	2	3	4	2	4	3	3	2	4	2	1	4
Honduras	2,006	3	3	1	3	2	3	4	2	4	3	3	2	4	2	1	4
Honduras	2,007	3	3	1	3	2	3	4	2	4	3	3	2	4	2	2	4
Honduras	2,008	3	3	1	3	2	3	4	3	4	3	3	2	4	2	2	4
Honduras	2,009	3	3	1	3	3	3	4	2	4	3	3	1	4	3	2	4
Honduras	2,010		3	1	3	2	3		1	4	3		1	4		2	
Honduras	2,011		3	1	3	2	3	3	1	4	3		1	4		2	4
Honduras	2,012		3	1	3	2	3	3	1	4	3		1	4		1	4
Honduras	2,013		3	1	3	2	3		1	4	3		1	4		3	4
Honduras	2,014		3	1	3	2	3	3	1		3			4		2	
Mexico	1,990	4	3	3	3	2	3	4	1	3	3	4	4	4	1	2	3
Mexico	1,991	4	3	3	3	2	3	4	2	3	3	4	4	4	1	1	3
Mexico	1,992	4	3	3	3	2	3	4	2	3	4	4	4	4	1	1	3
Mexico	1,993	4	3	3	3	2	3	4	3	3	4	4	4	4	1	1	3
Mexico	1,994	4	3	3	3	2	3	4	3	3	4	4	4	4	1	1	3
Mexico	1,995	3	3	3	3	2	3	4	3	3	3	3	4	4	1	1	3
Mexico	1,996	2	3	3	3	2	3	4	3	3	3	2	4	4	2	1	3
Mexico	1,997	4	3	3	3	2	3	4	3	3	3	2	4	4	2	1	2
Mexico	1,998	4	3	3	3	2	3	4	3	3	3	2	4	4	2	1	2
Mexico	1,999	4	3	3	3	2	3	4	3	3	3	2	4	4	2	1	2
Mexico	2,000	4	3	3	3	2	2	4	3	3	3	2	4	4	2	1	2
Mexico	2,001	4	3	3	3	2	2	4	3	3	3	2	4	4	2	1	2
Mexico	2,002	3	3	3	3	2	2	4	2	3	3	2	4	4	2	1	2
Mexico	2,003	3	3	3	3	2	3	4	2	3	3	2	4	4	2	1	2
Mexico	2,004	3	3	3	3	2	3	4	3	3	3	2	4	4	2	1	2
Mexico	2,005	3	3	3	3	2	3	4	3	3	3	2	4	4	2	1	2
Mexico	2,006	3	3	3	3	2	3	4	3	3	3	3	4	4	2	1	2
Mexico	2,007	3	3	3	3	3	3	4	3	3	3	2	4	4	2	1	2
Mexico	2,008	3	3	3	3	3	3	1	3	3	3	2	4	4	2	1	2
Mexico	2,009	3	3	3	3	3	3	1	3	3	3	2	4	4	2	1	2
Mexico	2,010		3	3	3	2	3		3	4	3		4	4		1	
Mexico	2,011		3	3	3	2	3		3	4	3		4	4		1	4
Mexico	2,012		3	3	3	2	3		3	4	3		4	4		1	
Mexico	2,013		3	3	3	2	3		3	4	3		4	4		1	2
Mexico	2,014		3	3	3	2	3		3	4	3		4	4		1	
Nicaragua	1,990	1	1	2	2			4	1	4	3	4		1	1		4
Nicaragua	1,991	1	1	2	2	1	1	4	1		3		1	3	1		4

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Country	Year	Reserve re- quire- ment	Job termi- nation cost	Minimum wage	Working flexi- bility	Hiring flexi- bility	Social secu- rity tax	Corporate tax	Personal tax	Value added tax	Average tariff	Trade disper- sion	Interest rate	Financial trans- action	Privat.	Privatized assets	Capital open- ness
Nicaragua	1,992	2	1	2	2	2	2	4	1		4		1	3	1		4
Nicaragua	1,993	2	1	2	2	2	3	4	2		4		2	4	1	1	4
Nicaragua	1,994	2	1	2	2	2	3	4	2	3	4	3	3	4	1	1	4
Nicaragua	1,995	2	1	2	2	2	3	4	2	4	3	3	3	4	1	1	4
Nicaragua	1,996	2	4	2	2	2	3	4	3	4	3	3	3	4	1	1	4
Nicaragua	1,997	3	4	2	2	2	3	4	3	4	3	4	3	4	1	1	4
Nicaragua	1,998	3	4	2	2	2	3	4	4	4	3	3	3	4	1	1	4
Nicaragua	1,999	3	4	2	2	2	3	4	4	4	3	3	3	4	1	2	4
Nicaragua	2,000	3	4	2	2	2	3	4	4	4	3	3	3	4	2	2	4
Nicaragua	2,001	3	4	2	2	2	3	4	4	4	3	3	3	4	2	1	3
Nicaragua	2,002	3	4	2	2	2	3	4	4	4	3	3	3	4	2	1	3
Nicaragua	2,003	2	4	2	2	2	3	4	4	4	3	3	3	4	2	1	3
Nicaragua	2,004	3	4	2	2	2	3	4	4	4	3	3	3	4	2	1	3
Nicaragua	2,005	3	4	2	2	2	3	4	4	4	3	3	3	4	2	1	3
Nicaragua	2,006	2	4	2	2	2	3	4	4	4	3	3	2	4	2	1	3
Nicaragua	2,007	2	4	2	2	2	3	4	4	4	3	3	2	4	3	2	3
Nicaragua	2,008	2	4	2	2	2	3	4	4	4	3	3	2	4	3	2	3
Nicaragua	2,009	2	4	2	2	2	3	4	4	4	3	3	2	4	3	1	3
Nicaragua	2,010		4	2	2	2	3		4	4	3		2	4		3	
Nicaragua	2,011		4	2	2	2	3		4	4	3		2	4		2	3
Nicaragua	2,012		4	2	2	2	3		4	4	3		2	4		2	3
Nicaragua	2,013		4	2	2	2	3		4	4	3		2	4		2	3
Nicaragua	2,014		4	2	2	2	3		4	4	3			4		2	
Panama	1,990					1			4		4						
Panama	1,991					1			4		4						
Panama	1,992					1			4		4						
Panama	1,993					1			4		4						
Panama	1,994					2			4		4					2	
Panama	1,995					2			4		4					2	
Panama	1,996					2			4		4					2	
Panama	1,997					2			4		4					3	
Panama	1,998	2				2			4	3	4					2	
Panama	1,999	2				2			4		4					2	
Panama	2,000	2				2			4	4	4					1	
Panama	2,001	2				2	2		4	4	4						
Panama	2,002	2				2	2		4	4	4					2	
Panama	2,003	2				2	2		4	4	4		3			1	4
Panama	2,004	2				2	2		4	4	4		3			1	4
Panama	2,005	2				2	2		4	4	4		3			1	4
Panama	2,006	2				2	1		4	4	4		3			1	4
Panama	2,007	2				2	1		4	4	4		3			2	4
Panama	2,008	2				2	1		4	4	4		3			2	
Panama	2,009	2				2	1		4	4	4		3			1	
Panama	2,010	2				3	3		4	4	4		3			1	3
Panama	2,011	2				3	3		4	4	4		4			2	3
Panama	2,012	2				3	3		4	4	4		4			1	
Panama	2,013	2				3	3		4	4	4		4			2	3
Panama	2,014	2				3	3		4	4	4					1	3
Paraguay	1,990	2	4	1	3	2	3	4	1	3		2	2	4	1		3
Paraguay	1,991	2	4	1	3	2	3	4	1	3		4	2	4	1		3
Paraguay	1,992	2	4	1	3	2	4	4	2	4		3	3	4	1	1	3
Paraguay	1,993	2	4	1	3	2	4	4	2	4	4	3	3	4	1	1	3
Paraguay	1,994	2	4	1	3	2	4	4	2	4	4	3	3	4	1	1	3
Paraguay	1,995	2	4	1	3	2	4	4	2	4	4	3	3	4	1	1	3
Paraguay	1,996	2	4	1	3	2	4	4	1	3	4	3	3	4	1	1	3
Paraguay	1,997	2	4	1	3	2	4	4	2	3	4	3	3	4	1	1	3

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Country	Year	Reserve re- quire- ment	Job termi- nation cost	Minimum wage	Working flexi- bility	Hiring flexi- bility	Social secu- rity tax	Corporate tax	Personal tax	Value added tax	Average tariff	Trade disper- sion	Interest rate	Financial trans- action	Privat.	Privatized assets	Capital open- ness
Paraguay	1,998	2	4	1	3	2	4	4	3	3	4	3	3	4	1	1	3
Paraguay	1,999	2	4	1	3	2	4	4	3	3	4	3	3	4	1	1	3
Paraguay	2,000	2	4	1	3	2	4	4	3	3	4	3	3	4	1	1	3
Paraguay	2,001	2	4	1	3	2	4	4	3	3	4	3	3	4	1	1	3
Paraguay	2,002	2	4	1	3	2	4	4	3	3	4	3	3	4	1	1	3
Paraguay	2,003	1	4	1	3	2	4	4	3	3	4	3	3	4	1	1	3
Paraguay	2,004	1	4	1	3	2	4	4	3	3	4	3	3	4	1	1	3
Paraguay	2,005	2	4	1	3	3	4	4	3	4	4	3	3	4	1	1	3
Paraguay	2,006	2	4	1	3	4	4	4	3	4	4	3	3	4	2	1	3
Paraguay	2,007	2	4	1	3	4	4	4	3	4	4	3	3	4	2	1	3
Paraguay	2,008	1	4	1	3	4	4	4	3	4	4	3	3	4	2	1	3
Paraguay	2,009	1	4	1	3	4	4	4	3	4	4	3	3	4	2	1	3
Paraguay	2,010		4	1	3	4			2	4	4		2	4		1	3
Paraguay	2,011		4	1	3	4			2	4	4		2	4		1	3
Paraguay	2,012		4	1	3	4	4		2	4	4		2	4		1	3
Paraguay	2,013		4	1	3	4	4		2	4	4		2	4		1	3
Paraguay	2,014		4	1	3	4	4		2	4	4		4	4		1	
Peru	1,990		2	1	3	2	2	4	1	3	3	2	1	4	1	1	3
Peru	1,991		2	1	3	2	2	4	1	3	3	2	1	4	1		3
Peru	1,992		4	1	3	2	2	4	3	3	2	4	1	4	1		2
Peru	1,993	2	4	1	3	2	3	4	3	3	2	4	2	4	1		2
Peru	1,994	2	4	1	3	2	3	4	3	3	2	4	1	4	1	2	2
Peru	1,995	2	4	1	3	2	3	4	4	3	2	4	1	4	1	2	2
Peru	1,996	2	4	1	3	2	3	4	3	3	2	4	1	4	2	2	2
Peru	1,997	2	3	1	3	2	3	4	4	3	2	4	1	4	2	1	3
Peru	1,998	3	3	1	2	2	3	4	4	3	2	4	1	4	2	2	3
Peru	1,999	3	3	1	2	2	3	4	4	3	2	4	1	4	2	2	3
Peru	2,000	3	3	1	2	2	3	4	4	3	2	4	1	4	2	2	3
Peru	2,001	3	3	1	2	2	3	4	4	3	2		1	4	3	2	3
Peru	2,002	3	3	1	2	2	3	4	4	4	2		1	4	3	1	3
Peru	2,003	3	3	1	2	3	3	4	4	4	2		1	4	3	2	3
Peru	2,004	3	3	1	2	2	3	3	4	4	2	3	1	4	3	1	3
Peru	2,005	3	3	1	2	2	3	4	4	4	2	3	1	4	3	1	3
Peru	2,006	3	3	1	2	2	3	4	4	4	2	3	1	4	3	2	3
Peru	2,007	3	3	1	2	2	3	4	4	4	2	3	1	4	3	2	3
Peru	2,008	2	3	1	2	2	3	4	4	4	2	3	1	4	3	1	3
Peru	2,009	3	3	1	2	2	3	4	4	4	2	3	1	4	3	2	3
Peru	2,010	2	3	1	2	2	3		4	4	2		3	4		1	
Peru	2,011	1	3	1	2	2	3		4	4	2		3	4		1	3
Peru	2,012	1	3	1	2	2	3		4		2		3	4		2	3
Peru	2,013	2	3	1	2	2	3		4	4	2		3	4		2	3
Peru	2,014	2	3	1	2	2	3		4	4	2		3	4		2	3
DominicanRep	1,990	2	4	1	3	1	1	4	1	3	4	2	2	1	1		4
DominicanRep	1,991	2	4	1	3	1	1	4	1	3	4	2	2	4	1		4
DominicanRep	1,992	3	4	1	3	2	3	4	1	3	4	2	2	4	1		4
DominicanRep	1,993	3	4	1	3	3	3	3	1	3	4	2	2	4	1		4
DominicanRep	1,994	3	4	1	3	3	3	3	1	3	4	3	2	4	1	1	4
DominicanRep	1,995	3	4	1	3	3	3	3	2	3	4	3	2	4	1	2	4
DominicanRep	1,996	3	4	1	3	3	3	3	1	3	4	3	3	4	1	1	4
DominicanRep	1,997	3	4	1	3	3	3	3	1	3	4	3	3	4	1	1	4
DominicanRep	1,998	3	4	1	3	3	3	3	1	3	4	3	3	4	1	1	4
DominicanRep	1,999	3	4	1	3	3	3	3	1	3	4	3	3	4	1	2	4
DominicanRep	2,000	3	4	1	3	3	3	3	1	3	4	3	3	4	2	2	4
DominicanRep	2,001	3	4	1	3	3	3	3	1	4	4	3	2	4	2	2	4
DominicanRep	2,002	3	4	1	3	3	3	3	1	4	4	3	3	4	2	2	3
DominicanRep	2,003	3	4	1	3	3	3	3	2	4	3	3	3	4	2	1	3

Continued on next page

Table C.2 – continued from previous page

Country	Year	Reserve re- quire- ment	Job termi- nation cost	Minimum wage	Working flexi- bility	Hiring flexi- bility	Social secu- rity tax	Corporate tax	Personal tax	Value added tax	Average tariff	Trade disper- sion	Interest rate	Financial trans- action	Privat.	Privatized assets	Capital open- ness
DominicanRep	2,004	3	4	1	3	3	3	3	2	4	3	3	3	4	2	1	3
DominicanRep	2,005	3	4	1	3	3	3	3	3	4	3	3	3	4	2	1	3
DominicanRep	2,006	3	4	1	3	2	3	3	3	4	3	3	3	4	2	1	3
DominicanRep	2,007	3	4	1	3	3	3	3	3	4	3	3	3	4	2	1	3
DominicanRep	2,008	3	4	1	3	3	3	3	4	4	3	3	3	4	2	1	3
DominicanRep	2,009	3	4	1	3	3	3	3	4	4	3	3	3	4	2	1	3
DominicanRep	2,010	3	4	1	3	3	3	3	4	4	3		3	4		1	
DominicanRep	2,011	3	4	1	3	2	3	3	4	4	3		3	4		1	3
DominicanRep	2,012	3	4	1	3	2	3	3	4	4	3		3	4		1	
DominicanRep	2,013	3	4	1	3	2	3	3	3	4	2		3	4		1	3
DominicanRep	2,014	3	4	1	3	3	3	3	3		2		3	4		1	3
Uruguay	1,990	4	4	3	3	2	4	4	3	4	2	3	4	4	1		2
Uruguay	1,991	4	4	3	3	2	4	4	3	4	2	3	4	4	1		2
Uruguay	1,992	4	4	3	3	2	4	4	3	4	2	3	4	4	1	1	2
Uruguay	1,993	4	4	3	3	2	4	4	3	3	2	3	4	4	1	1	2
Uruguay	1,994	4	4	3	3	2	4	4	3	3	2	3	4	4	1	1	2
Uruguay	1,995	4	4	3	3	2	4	4	2	3	2	3	4	4	1	1	2
Uruguay	1,996	4	4	3	3	2	4	4	3	3	2	3	4	4	1	1	2
Uruguay	1,997	4	4	3	3	2	4	4	3	3	2	3	4	4	1	1	2
Uruguay	1,998	4	4	3	3	2	4	4	4	3	2	3	4	4	1	1	2
Uruguay	1,999	4	4	3	3	2	4	4	4	3	2	3	4	4	1	1	2
Uruguay	2,000	4	4	3	3	2	4	4	4	3	2	3	4	4	1	2	2
Uruguay	2,001	4	4	3	3	2	4	4	4	3	2	3	4	4	1	1	2
Uruguay	2,002	4	4	3	3	2	4	4	4	3	2	3	4	4	1		2
Uruguay	2,003	3	4	3	3	2	4	4	4	3	2	3	4	4	1	1	2
Uruguay	2,004	3	4	3	3	2	4	4	4	3	2	3	4	4	1	1	2
Uruguay	2,005	3	4	3	3	2	4	4	4	4	2	3	4	4	1	1	2
Uruguay	2,006	3	4	3	3	2	4	4	4	4	2	3	4	4	1	1	2
Uruguay	2,007	3	4	3	3	3	3	4	4	4	2	3	4	4	1	1	2
Uruguay	2,008	3	4	3	3	3	3	4	4	4	2	3	4	4	1	1	2
Uruguay	2,009	3	4	3	3	3	3	4	4	4	2	3	4	4	1	1	2
Uruguay	2,010	3	4	3	3	3	3		4	4	2		4	4		1	2
Uruguay	2,011	3	4	3	3	3	3		4	4	2		4	4		1	2
Uruguay	2,012	3	4	3	3	3	3		4	4	2		4	4		2	2
Uruguay	2,013	2	4	3	3	3	3		4	4	2		4	4		2	2
Uruguay	2,014	2	4	3	3	3	3		4	4	2		4	4		1	
Venezuela	1,990	4	1	2	3	1	2	4	2	3		2	4	2	1		4
Venezuela	1,991	3	1	2	3	1	2	4	2	3		2	3	4	1	2	4
Venezuela	1,992	2	1	2	3	1	3	4	2	3		3	3	4	1	1	4
Venezuela	1,993	3	1	2	3	2	3	4	1	3	4	3	4	2	1	1	3
Venezuela	1,994	3	1	2	3	2	3	2	1	3	4	3	3	1	1	1	3
Venezuela	1,995	4	1	2	3	2	3	4	1	3	3	3	4	1	1	1	3
Venezuela	1,996	4	1	2	3	2	3	4	2	3	3	3	4	4	2	2	3
Venezuela	1,997	3	1	2	3	2	3	4	3	3	3	3	4	4	2	1	3
Venezuela	1,998	3	3	2	3	2	3	4	4	3	3	3	3	4	2	1	3
Venezuela	1,999	3	3	2	3	2	3	2	4	3	3	3	3	4	2	1	3
Venezuela	2,000	3	3	2	3	2	3	2	4	3	3	3	3	4	2	1	3
Venezuela	2,001	3	3	2	3	2	3	4	4	3	3	3	3	4	2	1	3
Venezuela	2,002	3	3	2	3	2	3	2	2	3	3	3	3	4	2	1	3
Venezuela	2,003	3	3	2	3	2	3	2	2	3	3	3	4	4	2	1	3
Venezuela	2,004	3	3	2	3	2	3	2	2	3	3	3	4	4	2	1	3
Venezuela	2,005	3	3	2	3	2	3	2	2	3	3	3	4	4	2	1	3
Venezuela	2,006	3	3	2	3	2	3	4	1	3	3	3	4	3	2	1	3
Venezuela	2,007	2	3	2	3	2	3	4	1	3	3	3	4	3	2	1	3
Venezuela	2,008	2	3	2	3	2	3	4	1	3	4	3	4	3	2	1	3
Venezuela	2,009	2	3	2	3	2	3	4	1	3	4	3	4	3	2	1	3

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Table C.2 – continued from previous page

Country	Year	Reserve re- quire- ment	Job termi- nation cost	Minimum wage	Working flexi- bility	Hiring flexi- bility	Social secu- rity tax	Corporate tax	Personal tax	Value added tax	Average tariff	Trade disper- sion	Interest rate	Financial trans- action	Privat.	Privatized assets	Capital open- ness
Venezuela	2,010	3	3	2	3	2	3		1	3	3		4	3		1	4
Venezuela	2,011	3	3	2	3	2	3		1	3	3		4	3			4
Venezuela	2,012	3	3	2	3	2	3		1	3	3		4	3		1	4
Venezuela	2,013	3	3	2	3	2	3		1	3	3		3	3		1	4
Venezuela	2,014	3	3	2	3	2	3		1	3	3			3			4

Sources of information used to update policy output indicators

The core of the policy output indicators that we use in Chapter ?? come from ?, but we updated information therein based on the following sources:

Trade policy

Average Rate of Import Tariffs: World Integrated Trade Solutions, World Bank
(<http://data.worldbank.org/indicator/TM.TAX.MRCH.SM.AR.ZS>)

Brazil: 2010-2012, 2014
Chile: 2010, 2012
Costa Rica: 2010, 2014
Ecuador: 2010-2012, 2014
El Salvador: 2010, 2012-2014
Honduras: NA
Mexico: 2010
Nicaragua: 2010, 2013-2014
Panama: 2013
Peru: 2010-2011, 2013-2014
Dominican Republic: 2010
All other countries: 2010-2014

Dispersion of Import Tariffs

Financial policy

Reserves requirement Coefficient (%): Data from national legislation and agencies (central banks)

Interest rate liberalization (ordered scale 0 a 3): Data from national legislation and agencies. The index rarely changes over time. The value in 2009 is used for subsequent years. Capital Controls: ?

Financial transactions taxes (%): Inter-America Center of Tax Administrations (CIAT) Data

(<http://www.ciat.org/index.php/en/products-and-services/ciatdata/tax-rates.html>)

Argentina, Bolivia, Colombia, Dominican Republic: 2010-2014
Honduras: 2011-2012, 2014
All other countries: missing values from 2010 onward

Quality of bank supervision (discrete scale)

Fiscal policy

Basic VAT rate: Inter-America Center of Tax Administrations (CIAT) data
(<http://www.ciat.org/index.php/en/products-and-services/ciatdata/tax-rates.html>)

Brazil: 2011-2014

All other countries: 2010-2014

(Panama: 5% from Jan-June in 2010 and 7% from July-Dec in 2010)

(Peru: 19% from Jan-Feb in 2011 and 18% from Feb-Dec in 2011)

Personal Income Tax Rate: Inter-America Center of Tax Administrations (CIAT) data

(<http://www.ciat.org/index.php/en/products-and-services/ciatdata/tax-rates.html>)
and KPMG Tax Rates Online (<https://home.kpmg.com/xx/en/home/services/tax/tax-tools-and-resources/tax-rates-online.html>)

Paraguay: 2012-2014

All other countries: 2010-2014

Corporate Income Tax rate: Inter-America Center of Tax Administrations (CIAT) Data

(<http://www.ciat.org/index.php/en/products-and-services/ciatdata/tax-rates.html>)

All countries: 2010-2014

Privatization policy

Privatizations minus nationalizations as a percentage of GDP: Cumulative stock since 1985, World Bank's Private Participation in Infrastructure Projects.

(<http://ppi.worldbank.org/data>)

Years: 1985-2015

Zero investment coded as missing.

Missing values before the first non-missing years filled with zeroes.

Labor market policy

Hiring flexibility of legislation (ordered scale 1-3):The index rarely changes over time.
The value in 2009 is used for subsequent years.

1: No restriction on temporary contracts

0.5: Allowing temporary contracts with limited duration and permitted renewability

0: Limited temporary contracts to temporary functions

Flexibility of working hours (ordered scale from 1 to 3): The index rarely changes over time. The value in 2009 is used for subsequent years.

1: Overtime pay ≥ 50

0: Overtime pay < 100

0.5: All other cases

Cost of social security contributions (as percentage of wages): Social Security Programs Throughout the World

(<https://www.ssa.gov/policy/docs/progdesc/ssptw/>)

All countries: 2011, 2013, 2015

Missing X_t is imputed as X_{t-1} if $X_{t-1} = X_{t+1}$.

Expected cost of firing a worker (months of wages): Minimum wage (as proportion of per capita GDP)

Panama, 1985-2009



Graded-response model for public policies

Stan code for graded-response model for policy items

```

1  //////////////////////////////////////////
2  // "Entities" are citizens, policy-makers
3  // and governments (aka countries).
4  // "Actors" mean citizens
5  // and policy makers.
6  // "Questions" are items asked in surveys,
7  // or policies transformed to match those.
8  //////////////////////////////////////////
9  data {
10   int N_acy; //Nr. of actor-country-years
11   int N_gy; //Nr. of government-years
12   int N_cq; //Nr. of country-questions
13   int N_cp; //Nr. of country-(nonquestion)policies
14   int N_c; //Nr. of countries
15   int N_q; //Nr. of question items
16   int N_p; //Nr. of (non-question) policies
17   int N_acyq; //Nr. of actor-country-year-questions
18   int N_gyq; //Nr. of government-year-questions
19   int N_gyp; //Nr. of government-year-policies
20   int<lower=1, upper=N_acy> ii[N_acyq]; //Select right actor and expand to N_acyq
21   int<lower=1, upper=N_cq> qq_1[N_acyq]; //''country-question and expand to N_acyq
22   int<lower=1, upper=N_cq> pp_1[N_gyq]; //''country-policy and expand to N_gyq
23   int<lower=1, upper=N_gy> gg_1[N_gyq]; //''government and expand to N_gyq
24   int<lower=1, upper=N_p> pp_2[N_gyp]; //''policy and expand to N_gyp
25   int<lower=1, upper=N_gy> gg_2[N_gyp]; //''government and expand to N_gyp
26   int<lower=1, upper=N_c> cc[N_cq]; //''country and expand to N_cq
27   int<lower=1, upper=N_c> cc_2[N_cp]; //''country and expand to N_cp
28   int<lower=1, upper=N_q> qq[N_cq]; //''question and expand to N_cq
29   int<lower=1, upper=N_p> pp[N_cp]; //''policy and expand to N_cp

```

```

30  real<lower=0, upper=1> y[N_acyq]; //Data: Percentage of pro-market answers
31  int K; //Nr. of policy categories
32  int<lower=0, upper=1> z1[N_gyq]; //Data: Policies (question)
33  int<lower=1, upper=K> z2[N_gyp]; //Data: Policies (non-question)
34  }
35  parameters {
36    vector[N_acy] mu_a; //Latent mean market moods
37    vector<lower=0>[N_acy] sigma; //Heterogeneity of actor market moods
38    vector[N_gy] mu_g; //Latent market orientation of policy (government)
39    vector<lower=0>[N_cq] lambda; //Discr. parameters of all question-items
40    vector<lower=0>[N_cq] alpha; //Difficulty parameters of question-items
41    vector<lower=0>[N_cp] lambda2; //Discr. parameters of all policy-items
42    ordered[K-1] tau[N_p]; //Difficulty parameters of policy-items
43    real<lower=0> b; //Concentration of beta
44    vector<lower=0>[N_c] nu_lc;
45    vector<lower=0>[N_c] nu_l2c;
46    vector<lower=0>[N_q] nu_lq;
47    vector<lower=0>[N_p] nu_lp;
48    vector[N_c] nu_ac;
49    vector[N_q] nu_aq;
50  }
51  transformed parameters {
52    vector<lower=1e-16>[N_acyq] a;
53    vector<lower=0, upper=1>[N_acyq] m;
54    vector[N_cq] lambdasq;
55    vector[N_acy] sigmasq;
56    vector[N_gyq] eta_1;
57    vector[N_gyp] eta_2;
58
59    for(cq in 1:N_cq){
60      lambdasq[cq] = pow(lambda[cq], 2.0);
61    }
62    for(acy in 1:N_acy){
63      sigmasq[acy] = pow(sigma[acy], 2.0);
64    }
65    m = 0.999989 * (Phi((mu_a[ii] - alpha[qq_1]) ./
66      sqrt(lambdasq[qq_1] + sigmasq[ii])) - 1.0) + 0.99999;
67    a = b * (m ./ (1.0 - m));
68    eta_1 = lambda[pp_1] .* (mu_g[gg_1] - alpha[pp_1]);
69    eta_2 = lambda2[pp_2] .* mu_g[gg_2];
70  }
71  model {
72    //Moods
73    y ~ beta(a, b);
74    //Policies for common questions
75    z1 ~ bernoulli_logit(eta_1);

```

```

76  //Policies all other questions
77  for(gyp in 1:N_gyp){
78    z2[gyp] ~ ordered_logistic(eta_2[gyp], tau[pp_2[gyp]]);
79  }
80  ////(Hyper-)Priors
81  mu_a ~ normal(0, 1);
82  mu_g ~ normal(0, 1);
83  lambda ~ gamma(nu_lc[cc] + nu_lq[qq], 2);
84  nu_lc ~ gamma(2, 2);
85  nu_lq ~ gamma(2, 2);
86  alpha ~ normal(nu_ac[cc] + nu_aq[qq], 10);
87  nu_ac ~ normal(0, 10);
88  nu_aq ~ normal(0, 10);
89  sigma ~ gamma(2, 1);
90  lambda2 ~ gamma(nu_l2c[cc_2] + nu_lp[pp], 2);
91  nu_l2c ~ gamma(2, 2);
92  nu_lp ~ gamma(2, 2);
93  b ~ uniform(0, 10);
94  for(p in 1:N_p){
95    for(k in 1:(K-1)){
96      tau[p][k] ~ normal(0,4);
97    }
98  }
99 }

```

Clustering policy-making processes

As we explain in Chapter ??, executives and legislatures are characterized by a rather large number of policy-making powers. Very often, the set of powers that a policy-maker has at her disposal clearly points to great capacity for policy implementation. In many cases, however, it is not readily apparent that a policy-maker with characteristics A, B, and C is any more powerful than a policy-maker with characteristics D, E, and F. We have thus eschewed the choice of building additive indexes based on policy-making powers. Instead, we have sought to code the variegated policy-making powers of Latin American actors into a relatively small number of categories each one comprising policy-makers with similar, but never identical, capabilities.

Unfortunately, the way in which we turn the policy-making powers of executives (Table ??) and of legislatures (Table ??) is somewhat involved. The first step is to scale the powers of executives and the powers of legislatures separately, using principal components. As we mentioned in Chapter ??, every country has either an “only” chamber in a unicameral system, or an upper and a lower chamber in a bicameral system. Each of these chambers is a unit of analysis characterized by the five powers that ? ascribes to the legislature as a whole. These common powers are the input into the principal component analysis for our legislatures. Similarly, the powers that appear in Table ?? as characterizing executives are the inputs into the principal component analysis for executives. In all cases, we ascertain that two principal components were sufficient to capture variation in the policy-making powers of executives and chambers.

Principal components reduce the number of policy-making powers to a more manageable set of two dimensions, but these are still continuous variables that are cumbersome for our purposes. Thus, similarly to the procedure that we employed in Chapter ??, we use the `kmeans` function in `R` to find the optimal number of clusters that maximizes between-category to within-category variation. In all cases we found that three clusters were sufficient to characterize executives and legislatures. Figure E.1 displays how the principal component scores for all policy-makers yield a limited number of clusters. In the case of executives, our scaling procedure finishes here, and we simply summarize a country’s executive powers as belonging in one of

Figure E.1: From principal components into clusters: Categorizing the policy-making powers of Executives, Lower and Only Houses, and Upper Houses

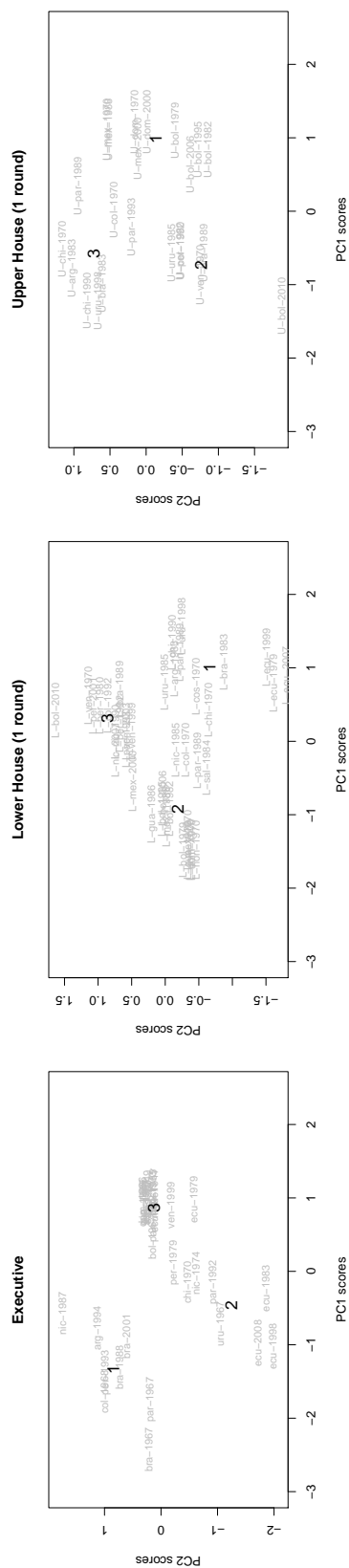
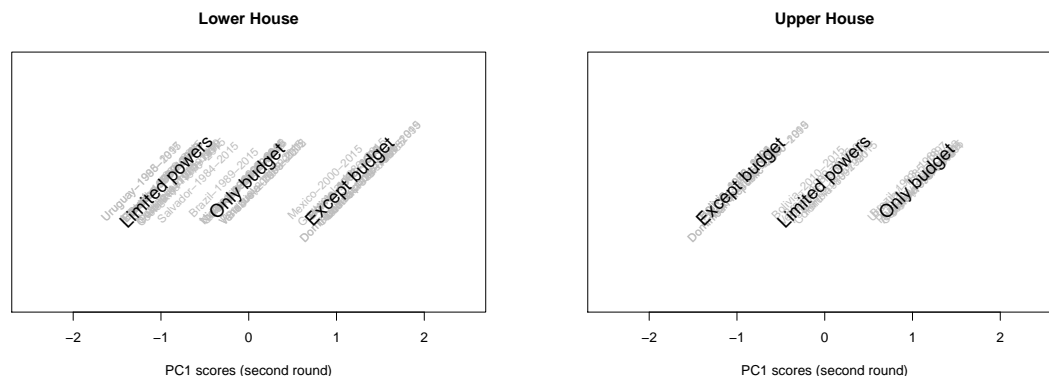


Figure E.2: From principal components into clusters, round two: Categorizing the policy-making powers of Lower and Only Houses and Upper Houses



three different sets of institutions: those with weak presidents, those with proactive presidents, and those with agenda-setting presidents, as we explain in Chapter ??.

Our process is not yet complete for legislatures, since so far we have only considered powers that characterize the legislature as a whole. In addition to these powers, Table ?? compiles additional prerogatives that correspond to *either* lower or only houses *or* upper houses. Consequently, a third step is to re-analyze these additional powers, augmented with the category to which these houses belong from the first step, building new principal components. This second round of principal components yields a single continuous dimension on which legislative chambers can be arrayed from less to more powerful. In a fourth and final step, we again seek to find an optimal amount of clusters to gather all of these legislative chambers. As was the case in the second step, we again find that three clusters suffice to capture meaningful variation in the powers of lower and only houses; three clusters are also enough to summarize the main differences among upper houses. In both cases, the clusters distinguish between chambers that have “limited powers,” chambers whose policy-making powers extend to “only budgets”, and chambers with extended powers, “except budget.” Figure E.2 shows the end-result of this procedure for only and lower houses, on the one hand, and upper houses, on the other.

Table E.1: Policy-making processes in the separation-of-powers systems of Latin America

Country	Years	Lower/only House	Upper House	President Number	Process Number	Collapsed
Bolivia	1979-2009	Except budget	Except budget	Weak	1	1
Dominican Republic	1970-2015	Except budget	Except budget	Weak	1	1
Mexico	1970-2015	Except budget	Except budget	Weak	1	1
Guatemala	1970-2015	Except budget	Except budget	Weak	2	1
Honduras	1970-2015	Except budget	Except budget	Weak	2	1
Chile	1970-1974	Limited powers	Limited powers	Agenda-setting	10	6
Chile	1990-2015	Limited powers	Limited powers	Agenda-setting	10	6
Uruguay	1985-2015	Limited powers	Limited powers	Agenda-setting	10	6
Ecuador	1979-2015	Limited powers	Limited powers	Agenda-setting	11	6
Nicaragua	1985-1986	Limited powers	Limited powers	Agenda-setting	11	6
Argentina	1994-2015	Limited powers	Limited powers	Proactive	12	7
Brazil	1983-1988	Limited powers	Limited powers	Proactive	12	7
Colombia	1970-1991	Limited powers	Limited powers	Proactive	12	7
Paraguay	1989-1992	Limited powers	Limited powers	Proactive	12	7
Nicaragua	1987-1989	Limited powers	Limited powers	Proactive	13	7
Argentina	1983-1993	Limited powers	Limited powers	Weak	8	5
Costa Rica	1970-2015	Limited powers	Limited powers	Weak	9	5
Salvador	1984-2015	Limited powers	Limited powers	Weak	9	5
Panama	1989-2015	Limited powers	Limited powers	Weak	9	5
Paraguay	1993-2015	Only budget	Only budget	Agenda-setting	5	3
Nicaragua	1990-1994	Only budget	Only budget	Proactive	7	4
Peru	1992-2015	Only budget	Only budget	Proactive	7	4
Brazil	1989-2015	Only budget	Only budget	Proactive	6	4
Colombia	1992-2015	Only budget	Only budget	Proactive	6	4
Nicaragua	1995-2015	Only budget	Only budget	Weak	4	2
Venezuela	1999-2015	Only budget	Only budget	Weak	4	2
Bolivia	2010-2015	Only budget	Only budget	Weak	3	2
Peru	1980-1991	Only budget	Only budget	Weak	3	2
Venezuela	1970-1998	Only budget	Only budget	Weak	3	2

Note: Starting year corresponds to first year after a rule change or 1970, whichever is earlier.

F

Models including economic controls

Citizens to politicians

	Median-to-Median		Distribution-to-Median		Distribution-to-Distribution	
	Evolving	Constant	Evolving	Constant	Evolving	Constant
(Intercept)	0.53* (0.06)	0.48* (0.06)	0.53* (0.07)	0.57* (0.10)	0.59* (0.07)	0.60* (0.11)
Citizen Heterogeneity	0.01 (0.01)	0.03* (0.01)				
Inflation	-0.06* (0.02)	-0.05* (0.02)	-0.13* (0.02)	-0.11* (0.02)	-0.10* (0.01)	-0.07* (0.01)
Unemployment	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)
GDP growth	-0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)	0.01 (0.00)	0.00* (0.00)	0.01* (0.00)
Executive party	-0.16* (0.07)	-0.23* (0.07)	-0.30* (0.09)	-0.35* (0.09)	-0.28* (0.06)	-0.28* (0.06)
Market disposition	0.07 (0.08)	0.05 (0.08)	0.06 (0.10)	-0.05 (0.10)	0.00 (0.06)	-0.02 (0.06)
Market disposition	-0.05* (0.03)	-0.06* (0.03)	0.02 (0.04)	-0.01 (0.06)	-0.02 (0.04)	-0.04 (0.07)
Electoral System Group	0.01* (0.00)	0.01* (0.00)	-0.00 (0.01)	0.00 (0.01)	0.00 (0.01)	0.01 (0.01)
Electoral System Group ²	0.14* (0.03)	0.17* (0.02)	0.19* (0.03)	0.20* (0.03)	0.08* (0.02)	0.06* (0.02)
Lower House	0.14* (0.02)	0.18* (0.03)	0.18* (0.03)	0.19* (0.04)	0.08* (0.02)	0.07* (0.02)
Upper House						
Var: group (Intercept)	0.00	0.00	0.00	0.00	0.00	0.00
Var: Residual	0.03	0.03	0.05	0.06	0.02	0.02
AIC	-176.38	-215.55	46.77	67.75	-436.32	-419.29
R ²	0.15	0.25	0.17	0.22	0.17	0.18
Log Likelihood	101.19	120.77	-11.38	-21.88	230.16	221.65
N	512	512	512	512	512	512

* $p < 0.1$

Table F.1: Random-intercept linear model of citizen-to-politician congruence measures, including economic controls.

	Evolving	Constant
(Intercept)	−1.85*	−3.65*
	(0.49)	(1.09)
Inflation	−0.88*	−1.49*
	(0.29)	(0.65)
Unemployment	0.01	0.04
	(0.03)	(0.06)
GDP growth	0.02	−0.08
	(0.04)	(0.08)
Executive party	−0.94	−1.48
Market disposition	(0.84)	(1.81)
Median legislative party	1.40	5.80*
Market disposition	(0.92)	(2.10)
Electoral System Group	0.21*	0.49*
	(0.09)	(0.19)
Lower House	0.59*	2.06*
	(0.29)	(0.65)
Upper House	0.34	1.56*
	(0.28)	(0.63)
Var: group (Intercept)	0.00	0.00
AIC	631.82	158.81
AUC-ROC	0.61	0.76
Log Likelihood	−305.91	−69.41
N	467	125

* $p < 0.1$

Table F.2: Random-intercept logit model of citizen-to-politician responsiveness, including economic controls.

Politicians to policy

	Winset congruence		Distribution-to-Policy	
	Evolving	Constant	Evolving	Constant
(Intercept)	0.33 (0.52)	0.16 (0.53)	0.65* (0.09)	0.70* (0.09)
Inflation	-0.01 (0.05)	0.03 (0.05)	0.02* (0.00)	0.01* (0.00)
Unemployment	-0.31 (0.28)	-0.28 (0.25)	0.05* (0.02)	0.06* (0.02)
GDP growth	-0.06 (0.04)	-0.05 (0.05)	0.01* (0.00)	0.01* (0.00)
Executive Party	-3.57* (1.43)	-3.38* (1.46)	0.21* (0.11)	0.25* (0.13)
Median Legislative Party	1.57 (1.59)	1.52 (1.60)	0.22 (0.14)	-0.03 (0.14)
Distance: Exec. to Median Leg.	-1.87* (0.32)	-1.89* (0.33)	-0.06* (0.01)	-0.11* (0.02)
PMP	0.04 (0.18)	0.01 (0.18)	0.05 (0.03)	0.05 (0.03)
PMP ²	0.00 (0.01)	0.01 (0.01)	-0.00* (0.00)	-0.00* (0.00)
Var: PMP	0.00	0.00	0.01	0.01
Var: Residual			0.04	0.05
AIC	308.00	297.58	-34.57	14.59
Log Likelihood	-144.00	-138.79	28.29	3.70
Num. obs.	315	315	315	315

* $p < 0.1$

Table F.3: Random-intercept models of measures of politician-to-policy congruence, including economic controls.

	Evolving	Constant
(Intercept)	−0.46 (0.29)	−1.51* (0.68)
Executive Party	0.71 (0.80)	−3.13* (1.84)
Median Legislative Party	−1.33 (0.88)	2.59 (2.00)
Inflation	0.37* (0.14)	0.74* (0.34)
Unemployment	0.05* (0.02)	0.08 (0.05)
GDP growth	−0.06* (0.03)	−0.10 (0.08)
PMP	−0.05 (0.09)	−0.00 (0.21)
PMP ²	0.00 (0.01)	0.00 (0.02)
Legislature?	−0.15 (0.17)	0.36 (0.38)
Var: PMP	0.00	0.00
AIC	838.68	185.96
Log Likelihood	−409.34	−82.98
<i>N</i>	630	150

* $p < 0.1$

Table F.4: Random-intercept logit models of politician-to-policy responsiveness, including economic controls.

Citizens to policy

	Median-to-Policy	Distribution-to-Policy
(Intercept)	−0.71 (0.83)	−1.10 (1.14)
Executive Party	0.24* (0.11)	0.16 (0.15)
Median Legislative Party	−0.49* (0.14)	−0.61* (0.20)
Inflation	0.01 (0.02)	−0.06* (0.03)
Unemployment	0.00 (0.00)	0.01 (0.01)
GDP growth	−0.00 (0.00)	0.00 (0.01)
PMP ²	−0.01* (0.00)	−0.01* (0.00)
Elec. Group of Lower ²	−0.03 (0.02)	−0.03 (0.02)
Elec. Group of President ²	−0.02 (0.03)	−0.05 (0.05)
Elec. Group of Upper ²	0.01* (0.01)	0.02* (0.01)
PMP	0.11* (0.03)	0.09* (0.05)
Elec. Group of Lower	0.18* (0.11)	0.21* (0.13)
Elec. Group of President	0.31 (0.32)	0.56 (0.44)
Elec. Group of Upper	−0.08* (0.04)	−0.15* (0.05)
PMP x Elec. Group of Lower	−0.01* (0.00)	−0.00 (0.01)
PMP x Elec. Group of President	−0.01 (0.01)	−0.01 (0.01)
PMP x Elec. Group of Upper	0.00 (0.00)	0.01* (0.00)
Var: PMP (Intercept)	0.00	0.00
Var: SenGroup (Intercept)	0.00	0.00
Var: LegGroup (Intercept)	0.00	0.00
Var: ExecGroup (Intercept)	0.00	0.00
Var: Residual	0.03	0.06
AIC	−13.97	166.73
Log Likelihood	28.99	−61.37
<i>N</i>	282	282

**p* < 0.1

Table F.5: Random-intercept linear regression models of measures of citizen-to-policy congruence, including economic controls.

	Responsiveness
(Intercept)	3.13 (2.02)
Executive Party	−0.02 (1.25)
Median Legislative Party	0.26 (1.48)
Inflation	−0.24 (0.28)
Unemployment	−0.03 (0.04)
GDP growth	−0.02 (0.05)
PMP	−0.20 (0.24)
Elec. Group of Lower	−0.19 (0.27)
Elec. Group of President	−0.07 (0.16)
Elec. Group of Upper	−0.56 (0.43)
PMP x Elec. Group of Lower	0.05 (0.04)
PMP x Elec. Group of President	0.01 (0.02)
PMP x Elec. Group of Upper	0.03 (0.05)
Var: PMP (Intercept)	0.00
Var: SenGroup (Intercept)	0.00
Var: LegGroup (Intercept)	0.00
Var: ExecGroup (Intercept)	0.00
AIC	391.57
Log Likelihood	−178.78
<i>N</i>	267

* $p < 0.1$

Table F.6: Random-intercept logistic regression model of citizen-to-policy responsiveness, including economic controls.