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# **Informality and Bank Stability**

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# Informality and bank stability

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#### Abstract

While financial development (FD) has been widely studied in the literature as a determinant of informal sector size, there has been no focus on the role of financial stability. We find that the stability of the banking sector has a significant and robust negative effect on informality across countries. Using a recently available testing methodology based on a heteroskedasticityrobust lasso we also find strong support for Rule of Law as a key determinant of informal sector size, and some evidence for the effect of FD.

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### 1 Introduction

We propose a new determinant of informal sector size - bank stability. Besides the relatively well understood macroeconomic effects of bank stability, see for example Laeven and Valencia (2013), a lower level of bank stability may result in households working more in the unregulated, non tax-paying informal sector. While the level of financial development has been widely studied as a potential driver for informality, see for example Antunes and Cavalcanti (2007), the stability of the financial system has not been explored. Yet, its potential importance seems clear. On the one hand, a more stable banking system inspires greater trust and reliance on formal banks, which lend against declared assets and income generating capacity of businesses, maintain records of transactions, and require a level of tax reporting to authorities. This inclines businesses relying on formal banks to declare their income and assets accurately and to operate formally. On the other hand, safer banks that hold more capital create less credit, thus limiting the borrowing incentive of small businesses to leave the informal sector. We assess the importance of bank stability using a state-of-the-art continuous treatment test due to Belloni et al. (2014), which uses a heteroskedasticity-robust version of the Lasso to select appropriate sets of control variables from a larger set.

We also revisit other key determinants of informality identified in the literature, including aspects of institutional quality and economic freedom (e.g. Aruoba, 2010), the level of financial development (e.g. Antunes and Cavalcanti, 2007; Dabla-Norris and Gradstein, 2008), the tax rate (e.g. Mitra, 2017 and references within) and political stability (e.g. Elgin, 2015). Of the sixteen measures of institution quality or economic freedom in our analysis, it is found that Rule of Law, a measure provided by Worldwide Governance Indicators (WGI), has a highly significant negative effect on informal sector size. Moreover, it is selected throughout by the robust lasso as a key predictor of informality.

### 2 Data

Schneider et al. (2016) provides estimates of informal sector activity (% of GDP) from 1999 to 2007, which have been widely used in the literature (Chatterjee and Turnovsky, 2018; Mazhar and Méon, 2017). Our analysis uses average values over the three year period 2005-2007, where ten measures of institutions quality or economic freedom are available from the Heritage Foundation (HF).<sup>1</sup> Our full set of institutions variables, including the six provided by the World Governance Indicators (WGI) dataset, see Kaufmann et al. (2011), is summarised in Table 7 of

<sup>&</sup>lt;sup>1</sup>Two additional indices, Judicial Effectiveness and Fiscal Health, are available for later years.

the Supplementary Appendix, along with our two financial system variables (Bank Stability and FD) and a set of macroeconomic controls.

Bank Stability is proxied by aggregate bank Z-score, a Global Financial Development Database (GFDD) indicator provided by the World Bank, following its use by Fielding and Rewilak (2015), Frost and van Stralen (2018) and others as a measure of banking sector distance to default. As noted in the source documentation, it "compares the buffer of a country's banking system (capitalization and returns) with the volatility of those returns", and is computed as (ROA+(Equity/Assets))/sd(ROA), where ROA (Return on Assets), Equity, and Assets are aggregates of individual bank data. As a proxy for FD we use Domestic Credit to the Private Sector (DCPS) as a % of GDP (GFDD) as in for example Beck et al. (2000), and our tax rate measure is total tax revenue as a % of GDP (WDI).

### 3 Methodology

The lengths of our informality series and institutions series are relatively short, therefore we use the average values over the three year period where all of the variables are available, and we perform a number of robustness checks. A single-year panel approach was an option, but this would be subject to the concerns raised in Beck and Levine (2004) over possible business cycle movements. By using country averages instead, some of the unsystematic error in the index values may also be mitigated. The following model is considered for the informal sector size:

$$\text{inform}_{i} = \alpha_{0} \text{ bank stability}_{i} + \alpha_{1} \text{ FD}_{i} + \alpha_{2} \text{ tax } \text{rate}_{i} + \gamma_{1}' \text{ institutions}_{i}$$
$$+ \gamma_{2}' \text{ interactions}_{i} + \gamma_{3}' \text{ other controls}_{i} + \varepsilon_{i}$$
(1)

where *i* is the country index, institutions<sub>*i*</sub> is a vector of 16 measures, interactions<sub>*i*</sub> is a vector comprised of interactions of these with tax rate<sub>*i*</sub>, with FD<sub>*i*</sub>, and the interaction of tax rate<sub>*i*</sub> with FD<sub>*i*</sub>.

The test for the significance of  $\alpha_0$  that we use, due to Belloni et al. (2014), assumes there is "approximate sparsity", which means that the model in (1) can be well approximated using only a subset of the full set of controls, therefore some, potentially many, of the coefficients in (1) are actually zeros. The test is based on the *post-double selection estimator*  $\check{\alpha}_0$ , which involves (i) selecting a set of controls that are strongly related to the proposed causal variable, bank stability, in order to control for the most important confounding factors, (ii) selecting a set of controls that predict informality well, in order to reduce residual variance and potentially control further for confounding factors and (iii) applying OLS estimation to the union of controls selected in each case.<sup>2</sup>

The two selection stages can be performed using any method that satisfies the theoretical requirements set out in Belloni et al. (2014), but we use the recommended approach, a new heteroskedasticity-robust version of the Lasso. The estimated effect of bank stability,  $\check{\alpha}_0$ , is therefore obtained by OLS regression of informal sector size on the union of controls selected in the following two reduced form equations:

bank stability<sub>i</sub> = 
$$\pi_1' z_i + v_{i1}$$
 (2)

$$inform_i = \pi_2' z_i + v_{i2} \tag{3}$$

where  $z_i = (FD_i, tax rate_i, institutions_i', interactions_i', other controls_i').$  Computation of the test statistic, which is asymptotically standard normal under the null hypothesis value of  $\alpha_0$ , is described in Theorem 1 of Belloni et al. (2014).

Moreover, since we have quite a rich set of institutional variables available that may be causal variables for informality, we do an additional run of the rigorous Lasso directly on (1) as a discovery step, to find variables that are at least good predictors of informal sector size - the effects of these are then tested as well.

### 4 Results

Tables 1 (no interactions included) and 2 (interactions included) present the test results for bank stability, for other candidates studied in the literature as drivers of informality, see Section 1, and for ("Selected") variables selected as predictors of informality in the separate application of the rigorous Lasso. The bank stability effect is estimated to be negative, and is highly significant throughout except for countries with FD < 75%.<sup>3</sup> There are less advantages for businesses from using commercial banking services when FD levels are relatively low, therefore the stability of the banking sector may indeed become less important to the decision whether to operate in the formal sector. None of the variables under "Other candidates" - FD, tax or political stability - were found to have significant effects, though significance was found in the Supplementary Appendix robustness checks for tax and political stability.

Two of the three variables selected as predictors of informality in the separate application of the rigorous Lasso are measures of institutional quality, while the third is GDP per capita. *Rule of Law* in particular is found to be highly significant and negative throughout. The variable may be regarded as a proxy for the

There are  $\sum_{r=1}^{22} \binom{22}{r} \approx 4.2 \times 10^5$  possible subsets of the controls with interactions excluded, and  $\sum_{r=1}^{55} \binom{55}{r} \approx 3.6 \times 10^{16}$  with interaction terms included.

 $<sup>^{3}</sup>$ As an example of the effect, if a country moved from the median Bank Stability to the sample maximum (10.85 to 54.5), the estimated reducion in informal sector size would be 12.67% of GDP.

level and quality of enforcement, and our results (significant treatment effect and selected by the rigorous Lasso as a predictor) confirm that it is a very important driver of informality.<sup>4</sup> Similar results were found in two robustness checks detailed in the Supplementary Appendix. The main results, and to some extent the supplementary robustness checks, also suggest that FD may play a role in reducing informality when combined with low perceptions of corruption or, for countries with lower levels of FD, a strong rule of law.<sup>5</sup>

<sup>&</sup>lt;sup>4</sup>If a country moved from the median level of Rule of Law to the sample maximum (-0.12 to 1.94), the estimated reduction in informal sector size would be 30.78% of GDP (based on Table 1), or 39.08% (Table 2).

<sup>&</sup>lt;sup>5</sup>While neither interaction is selected as an important predictor when using the FD<75% set of countries, we found *Rule of Law*  $\times$  *FD* was significant at 5%.

	(1)		(2	(2)		B)
			FD <	100%	FD < 75%	
	Effect	<i>p</i> -value	Effect	<i>p</i> -value	Effect	p-value
Bank Stability	-0.29***	0.002	-0.29***	0.005	-0.29	0.227
Selected						
Rule of Law	$-14.94^{***}$	0.005	$-18.81^{***}$	0.003	$-18.1^{***}$	0.002
GDP per capita	-0.24**	0.030	-0.29**	0.048	$-0.48^{***}$	0.000
Government Effectiveness	-4.15	0.426				
Other candidates						
Tax rate	0.04	0.602	-0.04	0.741	-0.10	0.314
FD	-0.01	0.696	0.03	0.685	-0.003	0.970
Political Stabilty	-2.04	0.227	-2.48	0.163	-3.19	0.135
N	84		67		61	
p	23		23		23	

#### Table 1: Test results for Bank Stability and other candidates

Significance at 10%, 5%, and 1% is denoted by \* , \*\*, and \*\*\*, respectively. Columns (2) and (3) are results for the subsets of countries with DCPS less than 100% and 75%, respectively. All predictors selected by the rigorous Lasso are listed under "Selected". Effects are estimated using the heteroskedasticity robust post-double Lasso method in Belloni et al. (2014) with a data-driven penalty parameter, see also Chernozhukov et al. (2016). One of the HF measures included, Fiscal Freedom, is a composite measure of the burden of taxes. The "Tax rate" effect was tested with and without this control variable included, and the test results were identical.

	(1)		(2	)	(3)		
			$\mathrm{FD} <$	100%	FD < 75%		
	Effect	p-value	Effect	p-value	Effect	p-value	
Bank Stability	-0.29***	0.002	-0.32***	0.006	-0.17	0.415	
Selected							
Rule of Law	$-18.97^{***}$	0.001	$-22.55^{***}$	0.002	$-26.18^{***}$	0.000	
Government Effectiveness	-9.17	0.131					
Freedom from corruption $\times$ FD	$-0.01^{*}$	0.078					
Investment freedom $\times$ FD	-0.002	0.216					
GDP per capita	-0.28**	0.015			-0.44***	0.000	
Rule of Law $\times$ FD			-0.31*	0.059			
Other candidates							
Tax rate	-0.62	0.447	-0.18	0.861	-0.36	0.712	
FD	-0.11	0.725	0.21	0.643	-0.39	0.508	
Political Stability	-4.04	0.136	-5.02	0.112	-2.49	0.482	
N	84		67		61		
p	56		56		56		

Table 2: Test results for Bank Stability and other candidates, interactions included

Interactions are included between tax and FD, tax and institutions (16) and between FD and institutions. The presented results for "Tax rate" are with HF measure Fiscal Freedom excluded. The results with the measure included were similar, and the effects were again insignificant. See Table 1 for further details.

Figure 1 presents subsample robustness checks for the Bank Stability result. On the left, the estimated Bank Stability main effects along with 90% and 95% confidence intervals are plotted for a rolling window of 60 countries after ordering the countries by GDP, with  $\overline{GDP}_{max}$  being the maximum GDP in a given window. The effect of Bank Stability on informality is negative throughout, and there is a narrowing of the confidence intervals when higher income economies are considered. On the right, the Bank Stability estimated main effects and test *p*-values are plotted for 10,000 randomly chosen groups of 70 countries (black dots) and 60 countries (red dots), and the effects are found to be significant in the vast majority of country groups.

Figure 1: Subsample robustness checks



Figure 1: Left panel: Bank Stability main effects and confidence intervals for a rolling window of 60 countries after ordering the countries by GDP, with  $\overline{GDP}_{max}$  being the maximum GDP in a given window. Right panel: Bank Stability main effects and test *p*-values for 10,000 randomly chosen groups of 70 countries (black dots) and 60 countries (red dots).

### 5 Conclusion

We find bank stability has an important negative effect on informal sector size, a result that is robust to different income levels and in a large number of randomly selected subsamples of countries. An exception is when the level of financial development is relatively low, which corresponds to a situation where businesses have less to gain from formal banking regardless of the stability of the sector. Our results are novel in the literature and suggest an important role for bank stability in theoretical and empirical models of informality going forward, and may have implications for macroprudential policymaking in advanced nations.

Finally, we find strong evidence that rule of law is the most important institutional variable for determining informal sector size. Out of sixteen measures of institution quality considered, and after allowing for a large number of interaction terms via a robust lasso methodology, the WGI measure Rule of Law was selected throughout and found to be highly significant.

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## APPENDIX

Sections A1 and A2 in the following present the results of two robustness checks, while Section A3 provides summaries of the data.

### A1 Robustness Check I

Tables 3 and 4 are alternative versions of Tables 1 and 2 in the paper, where the ten Heritage Foundation institutional variables were not included. The only institutional variables included are the six provided by the WGI dataset. This allows observations for fifteen additional countries to be included, and the cross sectional variables are now average values over the six-year period 2002-2007 rather than the three-year period 2005-2007. It can be see that the main results are very similar.

	(1)		(2	(2)		)
			FD < 100%		$\mathrm{FD} < 75\%$	
	Effect	p-value	Effect	p-value	Effect	p-value
					·	
Bank Stability	-0.29***	0.006	-0.24**	0.044	-0.27*	0.075
Selected						
Rule of Law	$-10.55^{**}$	0.023	$-14.72^{***}$	0.003	$-16.29^{***}$	0.003
GDP per capita	-0.32***	0.003	-0.32***	0.008	-0.24**	0.062
Government Effectiveness	-4.43	0.330				
Inflation			0.17	0.226	0.16	0.252
Other candidates						
Tax rate	-0.03	0.644	-0.11	0.275	$-0.201^{**}$	0.021
FD	-0.02	0.591	0.06	0.359	0.016	0.853
Political Stabilty	-0.54	0.697	-0.89	0.541	-0.86	0.611
N	99		81		73	
p	13		13		13	

Table 3: Test results for Bank Stability and other candidates (only WGI institutional variables included)

See Table 1 for details.

	/					
	(1	)	(2	)	(3)	
	$\mathrm{FD} < 100\%$		$\mathrm{FD} < 75\%$			
	Effect	p-value	Effect	p-value	Effect	p-value
Bank Stability	-0.29***	0.007	-0.33***	0.006	-0.27*	0.075
Selected						
Rule of Law	$-14.89^{***}$	0.004	-20.58***	0.000	$-23.55^{***}$	0.000
GDP per capita	-0.29***	0.004	-0.33***	0.005	-0.47***	0.000
Government Effectiveness	-7.25	0.139				
Inflation			0.15	0.324	0.15	0.3473
Government Effectiveness $\times$ FD	-0.08	0.327				
Other candidates						
Tax rate	-0.003	0.981	$-0.21^{**}$	0.027	-0.22**	0.032
FD	-0.06	0.361	0.06	0.475	-0.03	0.763
Political Stability	$-3.69^{*}$	0.079	-3.20	0.117	$-6.56^{***}$	0.006
N	99		81		73	
p	26		26		26	

Table 4: Test results for Bank Stability and other candidates, interactions included (only WGI institutional variables included)

See Table 2 for details.

A slight difference concerns the interaction terms in Table 4 - Rule of Law  $\times$  FD is no longer selected as a predictor by the robust lasso. Still, the effect of Rule of Law  $\times$  FD was found to be negative and significant at 1% using the FD<100 sample<sup>6</sup>. Political stability and the tax rate were also found to have significant main effects in particular cases where interactions were included: political stability was found to be significant in the full sample, while the tax rate was significant in the FD<100 sample.

#### A2 Robustness Check II

Tables 5 and 6 are alternative versions of Tables 1 and 2 in the paper, where the real interest rate is removed as a possible control, allowing observations for twenty additional countries to be included. It can be see that the main results are again very similar.

<sup>&</sup>lt;sup>6</sup>Using the FD<75 sample, the interaction effect was also negative but with a test *p*-value of 0.149. The effect based on the whole sample was highly insignificant.

	(1)		(2	2)	(3)	
			$\mathrm{FD} <$	100%	$\mathrm{FD} <$	75%
	Effect	p-value	Effect	p-value	Effect	p-value
Bank Stability	-0.20**	0.028	-0.20*	0.061	-0.02	0.878
Selected						
Rule of Law	$-14.36^{***}$	0.002	$-17.31^{***}$	0.001	$-18.15^{***}$	0.000
GDP per capita	-0.24**	0.016	-0.30**	0.031	-0.50***	0.000
Government Effectiveness	-3.34	0.465				
Other candidates						
Tax rate	0.06	0.481	-0.04	0.752	-0.11	0.289
FD	-0.01	0.625	0.01	0.905	0.018	0.802
Political Stabilty	-0.20	0.890	-1.16	0.462	-1.44	0.406
N	104		81		73	
<i>p</i>	22		22		22	

Table 5: Test results for Bank Stability and other candidates (ex. real interest rate)

See Table 1 for details.

	(1)		(2	)	(3)		
	,	, ,	FD < 100%		FD <	75%	
	Effect	p-value	Effect	p-value	Effect	p-value	
Bank Stability	-0.20**	0.0275	-0.20*	0.061	-0.02	0.878	
Selected							
Rule of Law	$-17.79^{***}$	0.0003	-20.19***	0.001	$-24.45^{***}$	0.000	
Government Effectiveness	-7.11	0.161					
Investment freedom $\times$ FD	-0.001	0.296					
GDP per capita	-0.29***	0.008	-0.36***	0.007	-0.49***	0.000	
Other candidates							
Tax rate	-0.61	0.619	-0.46	0.751	-1.57	0.280	
FD	-0.11	0.652	0.07	0.861	-0.27	0.596	
Political Stability	$-3.26^{*}$	0.098	-2.74	0.288	-2.32	0.407	
Ν	104		81		73		
p	55		55		55		

Table 6: Test results for Bank Stability and other candidates, interactions included (ex. real interest rate)

See Table 2 for details.

A slight difference again concerns the interaction terms in Table 6 - Rule of Law  $\times$  FD and Freedom from Corruption  $\times$  FD are no longer selected as predictors by the robust lasso. However, the effects of Rule of Law  $\times$  FD were found to be significant at 5% and 10% using the FD<75 and FD<100 samples, respectively, while the effects of Freedom from Corruption  $\times$  FD were found to be significant at 5% and 10% using the FD<75 and FD<100 samples, respectively, while the effects of Freedom from Corruption  $\times$  FD were found to be significant at 5% and 10% using the FD<100 and full samples, respectively, Political Stability was, again, found to have a significant main effect in the full sample case where interactions were included.

### A3 Data Summary

Table 7 summarises the three year cross sectional average data used for obtaining the results in Tables 1 and 2, while Tables 8 and 9 similarly summarise the data used in the above robustness checks.

		Moon	e d	min	modian	max
		mean	s.u.	111111	median	max
Informality measure						
	T C	20.20	10.05	0.10	20.02	<u> </u>
Schneider et al. (2016)	Inform	30.20	12.95	6.13	30.23	63.60
Financial system measu	~AS					
i manetai system measu						
GFDD	Bank Stability (Z-score)	12.73	8.40	0.76	10.85	54.50
	FD (DCPS % GDP)	61.19	56.49	2.27	39.22	266.79
Institutional measures						
WGI	Control of Corruption	0.14	1.04	-1.54	-0.112	2.30
	Government Expenditure	0.21	0.99	-1.67	0.027	2.18
	Political Stability	-0.01	0.92	-2.08	0.08	1.46
	Rule of Law	0.13	0.97	-1.35	-0.12	1.94
	Voice and Accountability	0.12	0.94	-1.89	0.05	1.62
	Regulatory Quality	0.24	0.92	-1.52	0.13	1.93
		50.00	04.00	10	50	00
Heritage Found.	Property Rights	50.69	24.32	10	50	90
	Freedom from Corruption	44.21	23.35	15	35.58	96
	Fiscal Freedom	75.79	12.39	33.70	77.02	99.90
	Government Spending	64.26	20.82	0	66.15	93.93
	Business Freedom	66.18	13.72	31.05	64.32	97.87
	Labor Freedom	65.61	14.38	28.5	65.07	98.07
	Monetary Freedom	77.64	8.34	44	79.57	91.33
	Trade Freedom	71.82	12.72	24.27	76.43	91.67
	Investment Freedom	52.92	18.61	25	50	90
	Financial Freedom	56.61	20.10	16.67	53.33	90
Macroeconomic controls						
WDI	$T_{av}$ (% CDP)	18.96	10 12	1.00	16 10	63 40
W D1	Inomployment	10.20 8 /121	6 70	1.00	6 75	36.07
	Inflation (CPI)	5 57	0.10	0.00	1 02	1/ 16
	Bool interest rate	0.07 1 76	5.07 7.79	0.01	4.90 2.00	14.10
	CDP per espite (000g)	4.70 19.05	1.12	-9.30 0.10	0.92 4.00	40.92 66 95
	GDF per capita (000s)	13.05	11.01	0.18	4.02	00.25

### Table 7: Data Summary for main Results, N=84, 2005-2007

Summary of data used for obtaining the results in Tables 1 and 2.

		Mean	s.d.	min	median	max
Informality measure						
Schneider et al. (2016)	Inform	30.41	12.98	8.48	30.1	65.48
Financial system measure	es					
GFDD	Bank Stability (Z-score) FD (DCPS % GDP)	$12.86 \\ 57.40$	$7.53 \\ 50.54$	$0.94 \\ 2.27$	$11.27 \\ 36.28$	$44.30 \\ 217.14$
Institutional measures						
WGI	Control of Corruption Government Expenditure Political Stability Rule of Law Voice and Accountability Regulatory Quality	$\begin{array}{c} 0.20 \\ 0.29 \\ 0.02 \\ 0.17 \\ 0.16 \\ 0.28 \end{array}$	$1.08 \\ 1.02 \\ 0.95 \\ 0.99 \\ 0.94 \\ 0.94$	-1.54 -1.67 -2.39 -1.46 -1.89 -1.45	$\begin{array}{c} -0.04 \\ 0.12 \\ 0.17 \\ 0.00 \\ 0.07 \\ 0.16 \end{array}$	$2.49 \\ 2.21 \\ 1.64 \\ 1.94 \\ 1.66 \\ 1.91$
Macroeconomic controls						
WDI	Tax (% GDP) Unemployment Inflation (CPI) Real interest rate GDP per capita (000s)	$17.29 \\ 8.77 \\ 5.82 \\ 6.03 \\ 13.19$	9.03 6.52 6.00 7.02 16.40	1.17 1.00 -0.17 -7.00 0.16	$15.23 \\ 7.28 \\ 4.20 \\ 4.69 \\ 4.05$	$\begin{array}{c} 61.43 \\ 36.07 \\ 49.86 \\ 43.40 \\ 64.34 \end{array}$

Table 8: Data Summary for Robustness Check 1,  $N{=}99,\,2002{-}2007$ 

Summary of data used for obtaining the results in Tables 3 and 4.

		Mean	s.d.	$\min$	median	max
Informality measure						
U						
Schneider et al. (2016)	Inform	30.20	12.93	6.13	30.60	63.60
Financial system measu	ires					
·						
GFDD	Bank Stability (Z-score)	13.28	8.31	0.76	11.65	54.50
	FD (DCPS % GDP)	62.81	57.18	2.27	39.89	266.80
	``````````````````````````````````````					
Institutional measures						
WGI	Control of Corruption	0.19	1.09	-1.54	-0.10	2.46
	Government Expenditure	0.24	1.03	-1.67	0.03	2.25
	Political Stability	0.04	0.91	-2.08	0.11	1.53
	Rule of Law	0.18	1.01	-1.48	-0.08	1.98
	Voice and Accountability	0.18	0.95	-1.89	0.18	1.64
	Regulatory Quality	0.29	0.93	-1.52	0.13	1.93
Heritage Found.	Property Rights	51.71	24.30	10	50	90
	Freedom from Corruption	45.44	24.24	10	37.17	96.67
	Fiscal Freedom	73.46	13.51	33.33	74.98	99.90
	Government Spending	63.56	22.63	1.93	66.15	94.65
	Business Freedom	66.39	14.62	31.05	65.32	97.87
	Labor Freedom	63.83	14.68	28.5	62.88	99.90
	Monetary Freedom	78.55	8.06	44	80.00	91.3333
	Trade Freedom	71.70	12.64	24.27	76.13	91.67
	Investment Freedom	54.09	18.72	25	50	90
	Financial Freedom	56.65	19.33	16.67	53.33	90
Macroeconomic controls	5					
WDI	Tax ( $\%$ GDP)	18.11	9.45	1.00	16.03	63.40
	Unemployment	8.023	6.20	0.83	6.75	36.07
	Inflation (CPI)	5.325	3.65	0.01	3.87	15.30
	GDP per capita (000s)	14.10	18.34	0.18	4.02	82.63

Table 9: Data Summary for Robustness Check 2,  $N{=}$  104

Summary of data used for obtaining the results in Tables 5 and 6.

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