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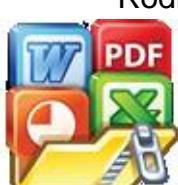
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LAMPIRAN

Political Stability and Absence of Violence/Terrorism

Political Stability and Absence of Violence/Terrorism measures perceptions of the likelihood of political instability and/or politicallymotivated violence, including terrorism. This table lists the individual variables from each data source used to construct this measure in the Worldwide Governance Indicators

Representative Sources

EIU	Orderly transfers
	Armed conflict
	Violent demonstrations
	Social unrest
	International tensions / terrorist threat
HUM	Political terror scale
IJT	Security risk rating
IPD	Intensity of internal conflicts: ethnic, religious or regional
	Intensity of violent activities…of underground political organizations
	Intensity of social conflicts (excluding conflicts relating to land)
PRS	Government stability
	Internal conflict
	External conflict
	Ethnic tensions
WMO	Protests and riots. The risk that the nature and impact of protests and riots (excluding those related to labour) cause damage to assets or injure or detain people, particularly if these disrupt normal movement, business operations, and activity. Terrorism. The risk that the activities of any non-state armed group or individual cause (or are likely to cause) property damage and/or death/injury through violence. This risk definition includes terrorism, which uses violence (or the threat of) to advance a political cause, and similar tactics used by "for profit" organised crime. Interstate war. This risk measures resultant impacts (death/property damage) and means, covering the spectrum from targeted military strikes against limited targets to full-scale war with the aim of changing the government and/or occupation. Civil war. The risk of intra-state military conflict, in the form of an organised insurgency, separatist conflict, or full-blown civil war, in which rebels/insurgents attempt to overthrow the government, achieve independence, or at least heavily influence major government policies.

Non-representative Sources

HRM	
	Right to Freedom from Disappearance
	Right to Freedom from Extrajudicial Execution
	Right to Freedom from Arbitrary Political Arrest
	Right to Freedom from Torture and Ill-Treatment
WCY	The risk of political instability is very low
WJP	Factor 5.2: Civil conflict is effectively limited

Code Data Source Name

ADB	African Development Bank Country Policy and Institutional Assessments
AFR	Afrobarometer
ASD	Asian Development Bank Country Policy and Institutional Assessments
BPS	Business Enterprise Environment Survey
BTI	Bertelsmann Transformation Index
CCR	Freedom House Countries at the Crossroads
EBR	European Bank for Reconstruction and Development Transition Report
EIU	Economist Intelligence Unit Riskwire & Democracy Index
EQI	European Quality of Government Index (Underlying Survey Data)
FRH	Freedom House
GCB	Transparency International Global Corruption Barometer Survey
GCS	World Economic Forum Global Competitiveness Report
GII	Global Integrity Index
GWP	Gallup World Poll
HER	Heritage Foundation Index of Economic Freedom
	man Rights Measurement Initiative
	granelli Richards Human Rights Database and Political Terror Scale
	D Rural Sector Performance Assessments
	T Country Security Risk Ratings

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IPD   *Institutional Profiles Database*
IRP   *African Electoral Index*
LBO   *Latinobarometro*
MSI   *International Research and Exchanges Board Vibrant Information Barometer*
OBI   *International Budget Project Open Budget Index*
PIA   *World Bank Country Policy and Institutional Assessments*
PRC   *Political Economic Risk Consultancy Corruption in Asia Survey*
PRS   *Political Risk Services International Country Risk Guide*
RSF   *Reporters Without Borders Press Freedom Index*
TPR   *US State Department Trafficking in People report*
VAB   *Vanderbilt University Americas Barometer*
VDM   *Varieties of Democracy Project*
WCY   *Institute for Management and Development World Competitiveness Yearbook*
WJP   *World Justice Project Rule of Law Index*
WMO   *Global Insight Business Conditions and Risk Indicators*

Data yang digunakan

	X_1	X_2	X_3	X_4	Y_1	Y_2	Ln_X_1	Ln_X_2	Smooth_X_3
1996	2342.30	462973.00	4.19	5.85	22.00	7.82	7.76	13.05	4.19
1997	2909.38	347322.00	7.18	2.00	23.00	4.70	7.98	12.76	7.18
1998	10013.62	501564.00	-1.57	1.06	30.00	-13.13	9.21	13.13	4.58
1999	7855.15	820628.00	4.90	1.72	31.00	0.79	8.97	13.62	4.90
2000	8421.78	1542000.00	5.00	2.00	26.82	4.92	9.04	14.25	5.00
2001	10260.85	1505590.00	5.90	1.00	27.43	3.64	9.24	14.22	5.90
2002	9311.19	978910.00	4.30	1.06	28.34	4.50	9.14	13.79	4.30
2003	8577.13	1320720.00	3.80	1.89	30.23	4.78	9.06	14.09	3.80
2004	8938.85	1027980.00	4.40	1.46	30.84	5.03	9.10	13.84	4.40
2005	9704.74	891690.00	4.50	3.40	31.23	5.69	9.18	13.70	4.50
2006	9159.32	597700.00	4.00	5.80	31.37	5.50	9.12	13.30	4.00
2007	9141.00	1034140.00	3.70	8.70	34.27	6.35	9.12	13.85	3.70
2008	9698.96	1487140.00	4.20	9.62	33.71	6.01	9.18	14.21	4.20
2009	10389.94	1081530.00	5.40	14.69	35.62	4.63	9.25	13.89	5.40
2010	9090.43	1621480.00	4.10	12.32	33.69	6.22	9.11	14.30	4.10
2011	8770.43	1947450.00	4.00	13.74	32.74	6.17	9.08	14.48	4.00
2012	9386.63	2456470.00	4.30	18.01	33.70	6.03	9.15	14.71	4.30
2013	10461.24	2861750.00	4.50	19.43	33.42	5.56	9.26	14.87	4.50
2014	11865.21	2852970.00	6.80	20.95	34.25	5.01	9.38	14.86	6.80
2015	13389.41	2927594.00	6.78	17.14	32.37	4.88	9.50	14.89	6.78
2016	13308.33	2896410.00	6.40	21.43	33.35	5.03	9.50	14.88	6.40
2017	13380.83	3223980.00	6.30	17.14	32.42	5.07	9.50	14.99	6.30
2018	14236.94	2930791.00	6.30	15.57	31.74	5.17	9.56	14.89	6.30
2019	14147.67	2820876.00	6.87	17.45	33.26	5.02	9.56	14.85	6.87
2020	14582.20	2866630.00	-15.12	18.40	29.36	-2.07	9.59	14.87	6.58
2021	14308.14	3109310.00	8.94	17.92	27.66	3.70	9.57	14.95	8.94

AMOS Anlysis Result

Regression Weights: (Group number 1 - Default model)

			Estimate	S.E.	C.R.	P	Label
y1	<---	x1	6.485	.710	9.134	***	par_1
y1	<---	x2	-2.393	.452	-5.297	***	par_2
y1	<---	x3	-1.403	.223	-6.289	***	par_3
y1	<---	x4	.336	.040	8.379	***	par_4
y1	<---	u1	1.047	.148	7.071	***	par_10
y2	<---	y1	.778	.389	2.001	.045	par_5
y2	<---	x1	-12.900	2.875	-4.487	***	par_6
y2	<---	x2	7.645	1.280	5.973	***	par_7
y2	<---	x3	.388	.697	.556	.578	par_8
y2	<---	x4	-.270	.152	-1.777	.076	par_9
y2	<---	u2	2.036	.288	7.071	***	par_11

R Square

Squared Multiple Correlations: (Group number 1 - Default model)

	Estimate
y1	.898
y2	.767

Total Effects (Group number 1 - Default model)

	x4	x3	x2	x1	y1
y1	.336	-1.403	-2.393	6.485	.000
y2	-.009	-.704	5.783	-7.854	.778

Direct Effects (Group number 1 - Default model)

	x4	x3	x2	x1	y1
y1	.336	-1.403	-2.393	6.485	.000
y2	-.270	.388	7.645	-12.900	.778

Indirect Effects (Group number 1 - Default model)

	x4	x3	x2	x1	y1
y1	.000	.000	.000	.000	.000
y2	.261	-1.092	-1.862	5.046	.000

SOBEL Test

*X₁ → Y₂ corresponds to $^*X_1 \rightarrow Y_2$

For top-left panel:

A:	6.485
B:	0.778
SE_A:	0.710
SE_B:	0.389
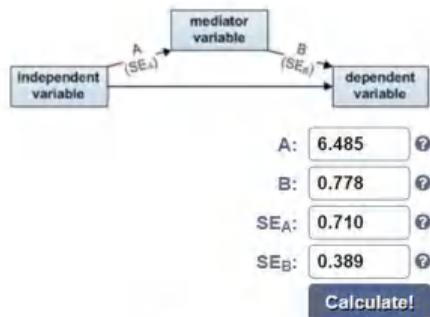
Sobel test statistic: 1.95371155
One-tailed probability: 0.02536767
Two-tailed probability: 0.05073534

$^*X_1 \rightarrow Y_2$

For top-right panel:

A:	-2.393
B:	0.778
SE_A:	0.452
SE_B:	0.389
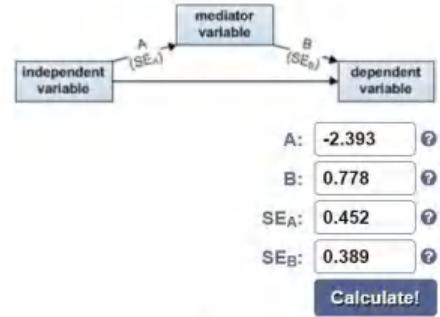
Sobel test statistic: -1.87094993
One-tailed probability: 0.03067601
Two-tailed probability: 0.06135202

$^*X_2 \rightarrow Y_2$

For bottom-left panel:

A:	-1.403
B:	0.778
SE_A:	0.223
SE_B:	0.389
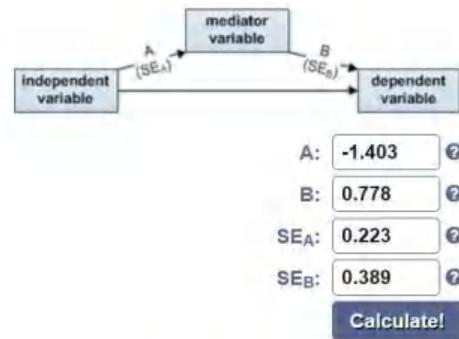
Sobel test statistic: -1.90601207
One-tailed probability: 0.02832432
Two-tailed probability: 0.05664864

$^*X_3 \rightarrow Y_2$

For bottom-right panel:

A:	0.336
B:	0.778
SE_A:	0.040
SE_B:	0.389
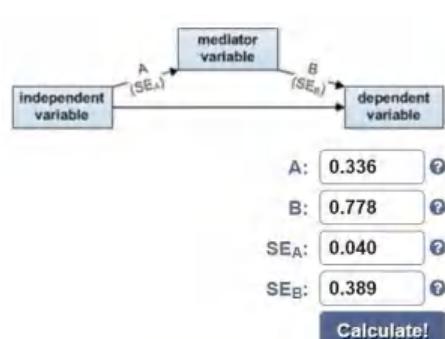
Sobel test statistic: 1.94561243
One-tailed probability: 0.02585066
Two-tailed probability: 0.05170131

$^*X_4 \rightarrow Y_2$

Exponential Smoothing ICOR (1998 & 2020)

Exponential Smoothing 1998

	No	Periode	Y	Y'	MAD	MSE	MAPE			
			α	1-α						
			0.2	0.8						
	1	1990	4.2	#N/A	#N/A	#N/A	#N/A			
	2	1991	4.4	4.2	0.2	0.04	0.04545		MAD : Mean Absolute Deviation	
	3	1992	4.5	4.24	0.26	0.0676	0.05778		MSE : Mean Squared Error	
	4	1993	4.4	4.292	0.108	0.01166	0.02455		MAPE : Mean Absolute Percentage Error	
	5	1994	4	4.3136	0.3136	0.09834	0.0784			
	6	1995	3.9	4.25088	0.35088	0.12312	0.08997			
	7	1996	4.19	4.1807	0.0093	8.6E-05	0.00222			
	8	1997	7.18	4.18256	2.99744	8.98463	0.41747			
	9	1998		4.58205						
					0.6056	1.33221	0.10226			
							10.2262			

Exponential Smoothing 2020

	No	Periode	Y	Y'	MAD	MSE	MAPE			
			α	1-α						
			0.50565	0.49435						
	1	2006	4	#N/A	#N/A	#N/A	#N/A			
	2	2007	3.7	4	0.3	0.09	0.08108		MAD : Mean Absolute Deviation	
	3	2008	4.2	3.84831	0.35169	0.12369	0.08374		MSE : Mean Squared Error	
	4	2009	5.4	4.02614	1.37386	1.8875	0.25442		MAPE : Mean Absolute Percentage Error	
	5	2010	4.1	4.72083	0.62083	0.38542	0.15142			
	6	2011	4	4.40691	0.40691	0.16557	0.10173			
	7	2012	4.3	4.20116	0.09884	0.00977	0.02299			
	8	2013	4.5	4.25114	0.24886	0.06193	0.0553			
	9	2014	6.8	4.37697	2.42303	5.87106	0.35633			
	10	2015	6.78	5.60216	1.17784	1.3873	0.17372			
	11	2016	6.4	6.19773	0.20227	0.04091	0.0316			
	12	2017	6.3	6.30001	7.6E-06	5.8E-11	1.2E-06			
	13	2018	6.3	6.3	3.8E-06	1.4E-11	6E-07			
	14	2019	6.87	6.3	0.57	0.3249	0.08297			
	15	2020		6.58822						
					0.59801	0.796	0.10733			
							10.7331	Lest error		