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Structure of V-Dem Indices, Components, and Indicators

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v12 - March 2022



1 Structure of Aggregation

1.1 V-Dem Democracy Indices and Indicators

Democracy Mid-Level Lower-Level Indicator Name Tag Uniqueness
Index Name Democracy and Democracy and Governance Governance Index Name Index Name

Electoral democracy index			v2x_polyarchy	
Additive polyarch	y index		v2x_api	
Multiplicative pol			v2x_mpi	
	Freedom of expression	1	•	
	and alternative source	es of information index	v2x_freexp_altinf	
	Ge	overnment censorship effort—Media	v2mecenefm	0.325
		arassment of journalists	v2meharjrn	0.362
		edia self-censorship	v2meslfcen	0.384
		edia bias	v2mebias	0.316
		rint/broadcast media perspectives	v2merange	0.316
		rint/broadcast media critical	v2mecrit	0.294
		reedom of discussion for men reedom of discussion for women	v2cldiscm v2cldiscw	0.31
		reedom of academic and cultural ex-	v2clacfree	0.31 0.377
		ression	V2Clacifee	0.377
	Freedom of association		v2x_frassoc_thick	
		arty ban	v2psparban	0.417
		arriers to parties	v2psbars	0.285
		pposition parties autonomy	v2psoppaut	0.023
		lections multiparty	v2elmulpar	0.042
		SO entry and exit	v2cseeorgs	0.406
	CS	SO repression	v2csreprss	0.466
	Share of population w		$v2x_suffr$	
		ercent of population with suffrage	v2elsuffrage	
	Clean elections index		v2xel_frefair	
		MB autonomy	v2elembaut	0.481
		MB capacity	v2elembcap	0.516
		lection voter registry	v2elrgstry	0.448
		lection vote buying	v2elvotbuy v2elirreg	0.556 0.33
		lection other voting irregularities lection government intimidation	v2elirreg v2elintim	0.351
		lection other electoral violence	v2elpeace	0.64
		lection free and fair	v2elfrfair	0.309
	Elected officials index		v2x_elecoff	0.000
		egislature bicameral	v2lgbicam	
		ower chamber elected	v2lgello	
	U_1	pper chamber elected	v2lgelecup	
	Pe	ercentage of indirectly elected legisla-	v2lginello	
		rs lower chamber		
		ercentage of indirectly elected legisla- ors upper chamber	v2lginelup	
	He	OS appointment in practice	v2expathhs	
		OG appointment in practice	v2expathhg	
		OS selection by legislature in practice	v2exaphos	
	tio		v2exaphogp	
		OS appoints cabinet in practice	v2exdfcbhs	
		OG appoints cabinet in practice	v2exdjcbhg	
		OS dismisses ministers in practice	v2exdfdmhs	
		OG dismisses ministers in practice	v2exdfdshg	
		OS = HOG?	v2exhoshog	
	ch	hief executive appointment by upper lamber	v2exapup	
	ch	hief executive appointment by upper namber implicit approval	v2exapupap	
		OS = HOG?	v2exhoshog	
	ch	hief executive appointment by upper namber	v2exapup	
		hief executive appointment by upper namber implicit approval	v2exapupap	



Democracy Mid-Level Lower-Level Indicator Name Tag Uniqueness
Index Name Democracy and Democracy and Governance Governance Index Name Index Name

	Index Name	Index Name			
Liberal dem	ocracy index			v2x_libdem	
	Electoral democrac	y index		v2x_polyarchy	
	Liberal component			v2x_liberal	
	Enserer compensar		e law and individual liberty index	v2xcl_rol	
		Equality before the	Rigorous and impartial public admin-	v2clrspct	0.53
				vzenspet	0.55
			istration	0.1.	0.400
			Transparent laws with predictable enforcement	v2cltrnslw	0.406
			Access to justice for men	v2clacjstm	0.255
			Access to justice for women	v2clacjstw	0.255
			Property rights for men	v2clprptym	0.459
			Property rights for women	v2clprptyw	0.459
			Freedom from torture	v2cltort	0.418
			Freedom from political killings	v2clkill	0.469
			Freedom from forced labor for men	v2clslavem	0.497
			Freedom from forced labor for women	v2clslavef	0.497
			Freedom of religion	v2clrelig	0.595
			Freedom of foreign movement	v2clfmove	0.461
			Freedom of domestic movement for	v2cldmovem	0.427
			men		
			Freedom of domestic movement for	v2cldmovew	0.427
			women	. zoraniovow	0.421
		Judicial constraints	s on the executive index	v2x_jucon	
			Executive respects constitution	v2exrescon	0.573
			Compliance with judiciary	v2jucomp	0.372
			Compliance with high court	v2juhccomp	0.36
			High court independence	v2juhcind	0.421
				9	
		T 1 1 1	Lower court independence	v2juncind	0.431
		Legislative constra	ints on the executive index	v2xlg_legcon	0.510
			Legislature questions officials in practice	v2lgqstexp	0.513
			Executive oversight	v2lgotovst	0.39
			Legislature investigates in practice	v2lginvstp	0.284
			Legislature opposition parties	v2lgoppart	0.433
D			Legislature opposition parties		0.433
Participator	ry democracy index	y indox	Legislature opposition parties	v2x_partipdem	0.433
Participator	Electoral democrac	*	Legislature opposition parties	v2x_partipdem v2x_polyarchy	0.433
Participator		onent index		v2x_partipdem v2x_polyarchy v2x_partip	0.433
Participator	Electoral democrac	*	ipation index	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart	
Participator	Electoral democrac	onent index	ipation index Candidate selection, National/local	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl	0.795
Participator	Electoral democrac	onent index	ipation index	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart	
Participator	Electoral democrac	onent index	ipation index Candidate selection, National/local	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl	0.795
Participator	Electoral democrac	onent index	cipation index Candidate selection, National/local CSO consultation CSO participatory environment	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt	0.795 0.429
Participator	Electoral democrac	onent index Civil society partic	ipation index Candidate selection, National/local CSO consultation CSO participatory environment CSO womens participation	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt v2csgender	0.795 0.429 0.438
Participator	Electoral democrac	onent index	ipation index Candidate selection, National/local CSO consultation CSO participatory environment CSO womens participation e index	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt v2csgender v2xdd_dd	0.795 0.429 0.438
Participator	Electoral democrac	onent index Civil society partic	cipation index Candidate selection, National/local CSO consultation CSO participatory environment CSO womens participation e index Initiatives permitted	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt v2csgender v2xdd_dd v2ddlexci	0.795 0.429 0.438
Participator	Electoral democrac	onent index Civil society partic	cipation index Candidate selection, National/local CSO consultation CSO participatory environment CSO womens participation e index Initiatives permitted Initiatives signatures %	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt v2csgender v2xdd_dd v2ddlexci v2ddsigpci	0.795 0.429 0.438
Participaton	Electoral democrac	onent index Civil society partic	cipation index Candidate selection, National/local CSO consultation CSO participatory environment CSO womens participation e index Initiatives permitted Initiatives signatures % Initiatives signature-gathering time	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt v2csgender v2xdd_dd v2ddlexci	0.795 0.429 0.438
Participaton	Electoral democrac	onent index Civil society partic	cipation index Candidate selection, National/local CSO consultation CSO participatory environment CSO womens participation e index Initiatives permitted Initiatives signatures % Initiatives signature-gathering time limit	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt v2csgender v2xdd_dd v2ddlexci v2ddsigpci v2ddsiglci	0.795 0.429 0.438
Participator	Electoral democrac	onent index Civil society partic	cipation index Candidate selection, National/local CSO consultation CSO participatory environment CSO womens participation e index Initiatives permitted Initiatives signatures % Initiatives signature-gathering time limit Initiatives signature-gathering period	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt v2csgender v2xdd_dd v2ddlexci v2ddsigpci v2ddsiglci v2ddsigdci	0.795 0.429 0.438
Participator	Electoral democrac	onent index Civil society partic	cipation index Candidate selection, National/local CSO consultation CSO participatory environment CSO womens participation e index Initiatives permitted Initiatives signatures % Initiatives signature-gathering time limit Initiatives signature-gathering period Initiatives participation threshold	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt v2csgender v2xdd_dd v2ddlexci v2ddsigpci v2ddsiglci v2ddsigdci v2ddpartci	0.795 0.429 0.438
Participator	Electoral democrac	onent index Civil society partic	cipation index Candidate selection, National/local CSO consultation CSO participatory environment CSO womens participation e index Initiatives permitted Initiatives signatures % Initiatives signature-gathering time limit Initiatives signature-gathering period Initiatives participation threshold Initiatives approval threshold	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt v2csgender v2xdd.dd v2ddlexci v2ddsigpci v2ddsiglci v2ddsigdci v2ddapprci	0.795 0.429 0.438
Participaton	Electoral democrac	onent index Civil society partic	cipation index Candidate selection, National/local CSO consultation CSO participatory environment CSO womens participation e index Initiatives permitted Initiatives signatures % Initiatives signature-gathering time limit Initiatives signature-gathering period Initiatives participation threshold Initiatives approval threshold Initiatives administrative threshold	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt v2csgender v2xdd.dd v2ddlexci v2ddsiglci v2ddsiglci v2ddsiglci v2ddaprci v2ddapprci v2ddadmci	0.795 0.429 0.438
Participator	Electoral democrac	onent index Civil society partic	cipation index Candidate selection, National/local CSO consultation CSO participatory environment CSO womens participation e index Initiatives permitted Initiatives signatures % Initiatives signature-gathering time limit Initiatives signature-gathering period Initiatives participation threshold Initiatives approval threshold Initiatives administrative threshold Initiatives super majority	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt v2csgender v2xdd_dd v2ddlexci v2ddsiglci v2ddsiglci v2ddsiglci v2ddapprci v2ddadmci v2ddspmci	0.795 0.429 0.438
Participator	Electoral democrac	onent index Civil society partic	cipation index Candidate selection, National/local CSO consultation CSO participatory environment CSO womens participation e index Initiatives permitted Initiatives signatures % Initiatives signature-gathering time limit Initiatives signature-gathering period Initiatives participation threshold Initiatives approval threshold Initiatives administrative threshold	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt v2csgender v2xdd.dd v2ddlexci v2ddsiglci v2ddsiglci v2ddsiglci v2ddaprci v2ddapprci v2ddadmci	0.795 0.429 0.438
Participator	Electoral democrac	onent index Civil society partic	cipation index Candidate selection, National/local CSO consultation CSO participatory environment CSO womens participation e index Initiatives permitted Initiatives signatures % Initiatives signature-gathering time limit Initiatives signature-gathering period Initiatives participation threshold Initiatives approval threshold Initiatives administrative threshold Initiatives super majority	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt v2csgender v2xdd_dd v2ddlexci v2ddsiglci v2ddsiglci v2ddsiglci v2ddapprci v2ddadmci v2ddspmci	0.795 0.429 0.438
Participaton	Electoral democrac	onent index Civil society partic	candidate selection, National/local CSO consultation CSO participatory environment CSO womens participation e index Initiatives permitted Initiatives signatures % Initiatives signature-gathering time limit Initiatives participation threshold Initiatives approval threshold Initiatives administrative threshold Initiatives super majority Popular initiative credible threat Occurrence of citizen-initiative this year	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt v2csgender v2xdd_dd v2ddlexci v2ddsiglci v2ddsiglci v2ddapprci v2ddapprci v2ddspmci v2ddspmci v2ddthreci v2ddyrci	0.795 0.429 0.438
Participator	Electoral democrac	onent index Civil society partic	cipation index Candidate selection, National/local CSO consultation CSO participatory environment CSO womens participation e index Initiatives permitted Initiatives signatures % Initiatives signature-gathering time limit Initiatives signature-gathering period Initiatives participation threshold Initiatives approval threshold Initiatives administrative threshold Initiatives super majority Popular initiative credible threat Occurrence of citizen-initiative this	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt v2csgender v2xdd_dd v2ddlexci v2ddsiglci v2ddsiglci v2ddsprci v2ddapprci v2ddapprci v2ddspmci v2ddspmci v2ddspmci v2ddspmci	0.795 0.429 0.438
Participator	Electoral democrac	onent index Civil society partic	candidate selection, National/local CSO consultation CSO participatory environment CSO womens participation e index Initiatives permitted Initiatives signatures % Initiatives signature-gathering time limit Initiatives participation threshold Initiatives approval threshold Initiatives administrative threshold Initiatives super majority Popular initiative credible threat Occurrence of citizen-initiative this year	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt v2csgender v2xdd_dd v2ddlexci v2ddsiglci v2ddsiglci v2ddapprci v2ddapprci v2ddspmci v2ddspmci v2ddthreci v2ddyrci	0.795 0.429 0.438
Participator	Electoral democrac	onent index Civil society partic	candidate selection, National/local CSO consultation CSO participatory environment CSO womens participation e index Initiatives permitted Initiatives signatures % Initiatives signature-gathering time limit Initiatives signature-gathering period Initiatives participation threshold Initiatives approval threshold Initiatives administrative threshold Initiatives super majority Popular initiative credible threat Occurrence of citizen-initiative this year Referendums permitted Referendums signature-gathering pe-	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt v2xsgender v2xdd.dd v2ddlexci v2ddsigbci v2ddsigbci v2ddaprci v2ddaprci v2ddapmci v2ddspmci v2ddspmci v2ddyrci v2ddlexrf	0.795 0.429 0.438
Participator	Electoral democrac	onent index Civil society partic	candidate selection, National/local CSO consultation CSO participatory environment CSO womens participation e index Initiatives permitted Initiatives signatures % Initiatives signature-gathering time limit Initiatives signature-gathering period Initiatives participation threshold Initiatives approval threshold Initiatives administrative threshold Initiatives super majority Popular initiative credible threat Occurrence of citizen-initiative this year Referendums permitted Referendums signatures % Referendums signature-gathering period	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt v2csgender v2xdd.dd v2ddlexci v2ddsiglci v2ddsiglci v2ddapprci v2ddapprci v2ddspmci v2ddspmci v2ddsymci v2ddsymci v2ddlexrf v2ddlexrf v2ddsiglf	0.795 0.429 0.438
Participator	Electoral democrac	onent index Civil society partic	candidate selection, National/local CSO consultation CSO participatory environment CSO womens participation e index Initiatives permitted Initiatives signatures % Initiatives signature-gathering time limit Initiatives signature-gathering period Initiatives participation threshold Initiatives administrative threshold Initiatives administrative threshold Initiatives super majority Popular initiative credible threat Occurrence of citizen-initiative this year Referendums permitted Referendums signatures % Referendums signature-gathering period Referendums participation threshold	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt v2csgender v2xdd.dd v2ddlexci v2ddsiglci v2ddsiglci v2ddapprci v2ddapprci v2ddapprci v2ddspmci v2ddthreci v2ddlexrf v2ddsiglrf v2ddsiglrf v2ddsiglrf	0.795 0.429 0.438
Participator	Electoral democrac	onent index Civil society partic	candidate selection, National/local CSO consultation CSO participatory environment CSO womens participation e index Initiatives permitted Initiatives signatures % Initiatives signature-gathering time limit Initiatives signature-gathering period Initiatives participation threshold Initiatives administrative threshold Initiatives super majority Popular initiative credible threat Occurrence of citizen-initiative this year Referendums permitted Referendums signatures % Referendums signature-gathering period Referendums participation threshold Referendums participation threshold Referendums approval threshold	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt v2csgender v2xdd.dd v2ddlexci v2ddsiglci v2ddsiglci v2ddaprci v2ddaprci v2ddaprci v2ddspmci v2ddthreci v2ddyrci v2ddlexrf v2ddsiglrf v2ddsigdrf	0.795 0.429 0.438
Participator	Electoral democrac	onent index Civil society partic	candidate selection, National/local CSO consultation CSO participatory environment CSO womens participation e index Initiatives permitted Initiatives signatures % Initiatives signature-gathering time limit Initiatives signature-gathering period Initiatives participation threshold Initiatives administrative threshold Initiatives administrative threshold Initiatives super majority Popular initiative credible threat Occurrence of citizen-initiative this year Referendums permitted Referendums signatures % Referendums signature-gathering period Referendums participation threshold	v2x_partipdem v2x_polyarchy v2x_partip v2x_cspart v2pscnslnl v2cscnsult v2csprtcpt v2csgender v2xdd.dd v2ddlexci v2ddsiglci v2ddsiglci v2ddapprci v2ddapprci v2ddapprci v2ddspmci v2ddthreci v2ddlexrf v2ddsiglrf v2ddsiglrf v2ddsiglrf	0.795 0.429 0.438



Democracy Index Name	Mid-Level Democracy and Governance Index Name	Lower-Level Democracy and Governance Index Name	Indicator Name	Tag	Uniquenes: Score*
			Occurrence of referendum this year	v2ddyrrf	
			Popular referendum credible threat	v2ddthrerf	
			Constitutional changes popular vote	v2ddlexor	
			Obligatory referendum participation threshold	v2ddpartor	
			Obligatory referendum approval threshold	v2ddappor	
			Obligatory referendum super majority	v2ddspmor	
			Obligatory referendum administrative threshold	v2ddadmor	
			Obligatory referendum credible threat	v2ddthreor	
			Occurrence of obligatory referendum this year	v2ddyror	
			Plebiscite permitted	v2ddlexpl	
			Plebiscite participation threshold	v2ddpartpl	
			Plebiscite approval threshold	v2ddapprpl	
			Plebiscite super majority Plebiscite administrative threshold	v2ddspmpl v2ddadmpl	
			Occurrence of plebiscite this year	v2ddyrpl	
			Plebiscite credible threat	v2ddthrepl	
		Local government		v2xel_locelec	
			Local government elected Local offices relative power	v2ellocelc v2ellocpwr	
			Local government exists	v2ellocgov	
		Regional government		v2xel_regelec	
			Regional government elected	v2elsrgel	
			Regional offices relative power Regional government exists	v2elrgpwr v2elreggov	
Deliberative de	emocracy index		regional government exists	v2x_delibdem	
	Electoral democra Deliberative comp	•		v2x_polyarchy v2xdl_delib	
			Reasoned justification	v2dlreason	0.338
			Common good Respect counterarguments	v2dlcommon v2dlcountr	0.584 0.332
			Range of consultation	v2dlconslt	0.248
			Engaged society	v2dlengage	0.238
Egalitarian de	mocracy index			v2x_egaldem	
	Electoral democra	-		v2x_polyarchy	
	Egalitarian compo			v2x_egal	
		Equal protection i	Social class equality in respect for civil liberties	v2xeg_eqprotec v2clacjust	0.207
			Social group equality in respect for civil liberties	v2clsocgrp	0.56
			Weaker civil liberties population	v2clsnlpct	0.87
		Equal access index		v2xeg_eqaccess	0.550
			Power distributed by gender Power distributed by socioeconomic position	v2pepwrgen v2pepwrses	0.552 0.458
			Power distributed by social group	v2pepwrsoc	0.49
		Equal distribution	of resources index	v2xeg_eqdr	
			Means-tested vs. universalistic policy	v2dlunivl	0.671
			Particularistic or Public good Educational equality	v2dlencmps v2peedueq	0.66 0.268
			Health equality	v2peedueq v2pehealth	0.208

^{*}Unmodeled Variance. Uniqueness is the variance that is 'unique' to the variable and not shared with other variables.



1.2 Indices Created Using V-Dem Data

Democracy Indices Created Using V- Dem Data Name	Lower-Level Democracy and Governance Index Name	Indicator Name	Tag	Uniqueness Score*
Regimes of the Worl	d index		v2x_regime	
		Elections multiparty Executive elections multiparty Legislative elections multiparty Election free and fair Legislative election free and fair Executive election free and fair HOS appointed by legislature Relative power of the HOS Access to justice for men Access to justice for women Transparent laws with predictable enforcement	v2elmulpar_osp v2elmulpar_osp_ex v2elmulpar_osp_leg v2elfrfair_osp v2elfrfair_osp_leg v2elfrfair_osp_ex v2ex_legconhos v2ex_hosw v2clacjstm_osp v2clacjstw_osp v2cltrnslw_osp	
	Electoral regime inde Executive electoral re Legislative electoral electoral democracy Liberal component in	egime index regime index index	v2x_elecreg v2xex_elecreg v2xlg_elecreg v2x_polyarchy v2x_liberal	
$Accountability\ index$			v2x_accountability	
	Vertical accountability	ty index Electoral regime index	v2x_verace v2x_elecreg	
		HOS appointed by legislature Relative power of the HOS EMB autonomy EMB capacity Election voter registry Election other voting irregularities Election government intimidation Elections multiparty Election free and fair Percentage of population with suffrage	v2ex_legconhos v2ex_hosw v2elembaut v2elembcap v2elrgstry v2elirreg v2elintim v2elmulpar v2elfrfair v2elsuffrage	
	Diagonal agguntabil	HOS appointment in practice HOG appointment in practice HOG selection by legislature in practice Party ban Barriers to parties Opposition parties autonomy	v2expathhs v2expathhg v2exaphogp v2psparban v2psbars v2psoppaut	
	Diagonal accountabil	Government censorship effort — Media Internet censorship effort Harassment of journalists Print/broadcast media critical Media bias Print/broadcast media perspectives Media self-censorship CSO participatory environment CSO entry and exit CSO repression Freedom of discussion for men Freedom of discussion for women Freedom of academic and cultural expression	v2x_diagacc v2mecenefm v2mecenefi v2meharjrn v2mecrit v2mebias v2merange v2meslfcen v2csprtcpt v2cseeorgs v2csreprss v2cldiscm v2cldiscw v2clacfree	
	Unigortal access 1	Engaged society	v2dlengage	
	Horizontal accountal	High court independence Lower court independence Compliance with high court Compliance with judiciary Executive respects constitution Executive oversight Legislature investigates in practice Legislature bicameral	v2x_horace v2juhcind v2juncind v2juhccomp v2jucomp v2exrescon v2lgotovst v2lginvstp v2lgbicam	



Democracy Indices Created Using V- Dem Data Name	Lower-Level Democracy an Governance Inde Name	Indicator Name ad ex	Tag	Uniqueness Score*
Confidence dimension	n index		v2x_ex_confidence	
v		HOS appointment in practice	v2expathhs	
		HOG appointment in practice	v2expathhg	
		HOS removal by legislature in practice (Ordinal version)	v2exremhsp_ord	
		HOS removal by the ruling party or party leadership body in a one-party system in practice (Mean)	v2exrmhsol_2_mean	
		HOS removal by a royal council in practice (Mean)	v2exrmhsol_3_mean	
		HOS removal by the military in practice (Mean)	v2exrmhsol_3_mean	
		HOS = HOG Relative power of the HOS	v2exhoshog v2ex_hosw	
Direct election dime	$nsion\ index$	Hog	v2x_ex_direlect	
		HOS appointment in practice	v2expathhs v2expathhg	
		HOG appointment in practice HOS removal by legislature in practice (Ordinal version)	v2expatnng v2exremhsp_ord	
		HOS removal by the ruling party or party leadership body in a one-party system in practice (Mean)	$v2 exrmhsol_2_mean$	
		HOS removal by a royal council in practice (Mean)	v2exrmhsol_3_mean	
		HOS removal by the military in practice (Mean)	v2exrmhsol_3_mean	
		HOS = HOG	v2exhoshog	
		Relative power of the HOS	v2ex_hosw	
Hereditary dimension	n $index$		v2x_ex_hereditary	
		HOS appointment in practice	v2expathhs	
		HOG appointment in practice	v2expathhg	
		HOS removal by legislature in practice (Ordinal version)	v2exremhsp_ord	
		HOS removal by the ruling party or party leadership body in a one-party system in practice (Mean)	v2exrmhsol_2_mean	
		HOS removal by a royal council in practice (Mean)	v2exrmhsol_3_mean	
		HOS removal by the military in practice (Mean)	v2exrmhsol_3_mean	
		HOS = HOG Relative power of the HOS	v2exhoshog v2ex_hosw	
		Relative power of the 1105		'
Military dimension 1	ndex	Relative power of the 1105	v2x_ex_military	
Military dimension i	ndex	HOS appointment in practice	v2x_ex_military v2expathhs	
Military dimension i	$\dot{n}dex$	HOS appointment in practice HOG appointment in practice	v	
Military dimension i	index	HOS appointment in practice HOG appointment in practice HOS removal by legislature in practice (Ordinal version)	v2expathhs v2expathhg v2exremhsp_ord	
Military dimension i	index	HOS appointment in practice HOG appointment in practice HOS removal by legislature in practice (Ordinal version) HOS removal by the ruling party or party leadership body in a one-party system in practice (Mean)	v2expathhs v2expathhg v2exremhsp_ord v2exrmhsol_2_mean	
Military dimension i	index	HOS appointment in practice HOG appointment in practice HOS removal by legislature in practice (Ordinal version) HOS removal by the ruling party or party leadership body in a one-party system in practice (Mean) HOS removal by a royal council in practice (Mean)	v2expathhs v2expathhg v2exremhsp_ord v2exrmhsol_2_mean v2exrmhsol_3_mean	
Military dimension i	index	HOS appointment in practice HOG appointment in practice HOS removal by legislature in practice (Ordinal version) HOS removal by the ruling party or party leadership body in a one-party system in practice (Mean) HOS removal by a royal council in practice	v2expathhs v2expathhg v2exremhsp_ord v2exrmhsol_2_mean	



Democracy Indices Indicator Name Tag Lower-Level Uniqueness Created Using V-Score* Democracy and Dem Data Name Governance Index Name Ruling party dimension index v2x_ex_party HOS appointment in practice v2expathhs HOG appointment in practice v2expathhg HOS removal by legislature in practice v2exremhsp_ord (Ordinal version) HOS removal by the ruling party or party v2exrmhsol_2_mean leadership body in a one-party system in practice (Mean) HOS removal by a royal council in practice v2exrmhsol_3_mean (Mean) HOS removal by the military in practice v2exrmhsol_3_mean (Mean) HOS = HOGv2exhoshog Relative power of the HOS v2ex_hosw Neopatrimonial rule index v2x_neopat Clientelism index v2xnp_client Election vote buying v2elvotbuy 0.425Particularistic or public goods v2dlencmps 0.693 Party linkages v2psprlnks 0.554 v2xnp_pres Presidentialism index Executive respects constitution v2exrescon 0.512 Executive oversight v2lgotovst 0.523v2lgfunds 2.755 Legislature controls resources Legislature investigates in practice v2lginvstp 2.32High court independence v2juhcind 0.418Lower court independence v2juncind 0.454 Compliance with high court v2juhccomp 0.415 Compliance with judiciary v2jucomp 0.409 EMB autonomy v2elembaut 0.537Regime corruption index v2xnp_regcorr 0.337 Executive embezzlement and theft v2exembez Executive bribery and corrupt exchanges v2exbribe 0.263Legislature corrupt activities v2lgcrrpt 0.493Judicial corruption decision v2jucorrdc 0.532Civil liberties index v2x_civlib Physical violence index $v2x_clphy$ Freedom from political killings v2clkill Freedom from torture v2cltort Political civil liberties index v2x_clpol Government censorship effort — Media 0.358 v2mecenefm 0.394 Harassment of journalists v2meharjrn Media self-censorship v2meslfcen 0.402Freedom of discussion for men v2cldiscm 0.26 Freedom of discussion for women v2cldiscw 0.26Party ban v2psparban 0.5610.454Barriers to parties v2psbars Opposition parties autonomy v2psoppaut 0.4550.316 CSO entry and exit v2cseeorgs CSO repression v2csreprss 0.344 Private civil liberties index v2x_clpriv Freedom from forced labor for men v2clslavem 0.467Freedom from forced labor for women v2clslavef 0.467Property rights for men v2clprptym 0.389 v2clprptyw 0.389 Property rights for women Freedom of foreign movement v2clfmove 0.411v2cldmovem 0.286 Freedom of domestic movement for men Freedom of domestic movement for women 0.286 v2cldmovew Freedom of religion v2clrelig 0.529Religious organization repression v2csrlgrep 0.573



Democracy Indices Indicator Name Tag Uniqueness Lower-Level Created Using V-Democracy Score* and Dem Data Name Governance Index Name Exclusion by Socio-Economic Group v2xpe_exlecon 0.624 Power distributed by socio-economic posi-2pepwrses Social class equality in respect for civil lib-0.468v2clacjust ertv 0.329 Access to public services distributed by v2peapsecon socio-economic position Access to state jobs by socio-economic po-0.271 v2peasjsoecon Access to state business opportunities by v2peasbecon 0.378socio-economic position Exclusion by Gender index v2xpe_exlgender Power distributed by gender 0.445v2pepwrgen Gender equality in respect for civil liberties v2clgencl 0.333 Access to public services distributed by v2peapsgen0.473gender Access to state jobs by gender v2peasjgen 0.239 Access to state business opportunities by 0.281v2peasbgen Exclusion by Urban-Rural Location index $v2xpe_exlgeo$ Power distributed by urban-rural location v2pepwrgeo 0.606 Urban-rural location equality in respect for v2clgeocl 0.415civil liberties Access to public services distributed by v2peapsgeo 0.328urban-rural location Access to state jobs by urban-rural loca-0.323 v2peasjgeo tion Access to state business opportunities by 0.29v2peasbegeo urban-rural location Exclusion by Political Group index v2xpe_exlpol Political group equality in respect for civil 0.54 v2clpolcl liberties Access to public services distributed by pov2peapspol 0.449litical group Access to state jobs by political group v2peasjpol 0.241 Access to state business opportunities by v2peasbepol 0.339 political group v2xpe_exlsocgr Exclusion by Social Group index Power distributed by social group 0.519 v2pepwrsoc Social group equality in respect for civil v2clsocgrp0.534liberties Access to public services distributed by so-0.43v2peapssoccial group 0.311 Access to state jobs by social group v2peasjsoc Access to state business opportunities by v2peasbsoc0.302social group Political corruption index v2x_corr Legislature corrupt activities v2lgcrrpt v2jucorrdc Judicial corruption decision Executive corruption index v2x_execori Executive bribery and corrupt exchanges v2exbribe Executive embezzlement and theft v2exembez Public sector corruption index v2x_pubcorr Public sector corrupt exchanges v2excrptps Public sector theft v2exthftps



Democracy Indices Indicator Name Tag Lower-Level Uniqueness Created Using V-Score* Democracy and Dem Data Name Governance Index Name Women political empowerment index v2x_gender Women civil liberties index v2x_gencl 0.452Freedom of domestic movement for women v2cldmovew Freedom from forced labor for women v2clslavef 0.445Property rights for women v2clprptvw 0.408 Access to justice for women v2clacjstw 0.371Women civil society participation index v2x_gencs Freedom of discussion for women v2cldiscw 0.661 CSO womens participation v2csgender 0.224Percent (%) female journalists v2mefemjrn 0.569Women political participation index v2x_genpp Power distributed by gender v2pepwrgen Lower chamber female legislators v2lgfemleg Rule of law index v2x_rule Compliance with high court v2juhccomp 0.535Compliance with judiciary v2jucomp 0.497High court independence v2juhcind 0.595Lower court independence v2juncind 0.635 Executive respects constitution v2exrescon 0.484 Rigorous and impartial public administrav2clrspct 0.42tion Transparent laws with predictable enforcev2cltrnslw0.504ment Judicial accountability v2juaccnt 0.662Judicial corruption decision v2jucorrdc 0.560.456Public sector corrupt exchanges v2excrptps Public sector theft v2exthftps 0.452Executive bribery and corrupt exchanges v2exbribe 0.526 Executive embezzlement and theft v2exembez 0.434Access to justice for men v2clacjstm 0.519Access to justice for women v2clacjstw 0.519v2xdd_cic Citizen-initiated component of direct popular vote index Popular initiative index $v2xdd_i_ci$ Initiatives permitted v2ddlexci Initiatives signatures % v2ddsigpci Initiatives signature-gathering time limit v2ddsiglci Initiatives signature-gathering period v2ddsigdci Initiatives participation threshold v2ddpartci Initiatives approval threshold v2ddapprci v2ddspmci Initiatives super majority v2ddadmci Initiatives administrative threshold Occurrence of citizen-initiative this year v2ddyrci Popular initiative credible threat v2ddthreci Popular referendum index v2xdd_i_rf Referendums permitted v2ddlexrf v2ddsigprf Referendums signatures % Referendums signature-gathering period v2ddsigdrf v2ddpartrf Referendums participation threshold Referendums approval threshold v2ddapprrf Referendums super majority v2ddspmrf Referendums administrative threshold v2ddadmrfOccurrence of referendum this year v2ddyrrf Popular referendum credible threat v2ddthrerf Top-Down component of direct popular vote index v2xdd_toc v2xdd_i_pl Plebiscite index v2ddlexpl Plebiscite permitted Plebiscite participation threshold v2ddpartpl Plebiscite approval threshold v2ddapprpl v2ddspmplPlebiscite super majority Plebiscite administrative threshold v2ddadmpl Occurrence of plebiscite this year v2ddyrpl Plebiscite credible threat v2ddthrepl



Democracy Indices Created Using V- Dem Data Name	Lower-Level Democracy and Governance Index Name	Indicator Name	Tag	Uniqueness Score*
		. ,	0.111	
	Obligatory referendu		v2xdd_i_or	
		Enforcement of Constitutional changes	v2ddlexor	
		through popular vote Obligatory referendum participation threshold	v2ddpartor	
		Obligatory referendum approval threshold	v2ddappor	
		Obligatory referendum super majority	v2ddspmor	
		Obligatory referendum administrative threshold	v2ddadmor	
		Obligatory referendum credible threat	v2ddthreor	
Core civil society in	dex		v2xcs_ccsi	
		CSO participatory environment	v2csprtcpt	0.52
		CSO entry and exit	v2cseeorgs	0.205
		CSO repression	v2csreprss	0.339
Electoral regime inde	ϵx		v2x_elecreg	
	Legislative or constit	uent assembly election	v2xel_elecparl	
		Election type	$v2eltype_0$	
		Election type	$v2eltype_{-}1$	
		Election type	$v2eltype_4$	
		Election type	$v2eltype_5$	
	Legislature closed do	wn or aborted	v2xlg_leginter	
		Legislature bicameral	v2lgbicam	
	Presidential election		v2xel_elecpres	
		Election type	$v2eltype_6$	
		Election type	$v2eltype_{-}7$	
	Chief executive no lo	onger elected	v2x_hosinter	
		HOS = HOG?	v2exhoshog	
		HOG appointment in practice	v2expathhg	
		HOS appointment in practice	v2expathhs	
	Presidential election	aborted	v2x_hosabort	
		HOS = HOG?	v2exhoshog	
		HOG appointment in practice	v2expathhg	
		HOS appointment in practice	v2expathhs	
		Presidential election	v2xel_elecpres	
	Legislative or constit	uent assembly election aborted	v2x_legabort	
	0	Legislature bicameral	v2lgbicam	
		Legislative or constituent assembly election	v2xel_elecparl	
Executive electoral re	$egime\ index$		v2xex_elecreg	
	Presidential election		v2xel_elecpres	
		Election type	v2eltype_6	
		Election type	v2eltype_7	
	Chief executive no lo	onger elected	v2x_hosinter	
		HOS = HOG?	v2exhoshog	
		HOG appointment in practice	v2expathhg	
		HOS appointment in practice	v2expathhs	
	Presidential election	11 1	v2x_hosabort	
		HOS = HOG?	v2exhoshog	
		HOG appointment in practice	v2expathhg	
		HOS appointment in practice	v2expathhs	
		Presidential election	v2xel_elecpres	1



Created Using V- Dem Data Name	Lower-Level Democracy and Governance Index Name	Indicator Name	Tag	Uniqueness Score*
Legislative electoral			v2xlg_elecreg	
	Legislative or constit	uent assembly election	v2xel_elecparl	
		Election type	v2eltype_0	
		Election type	v2eltype_1	
		Election type	v2eltype_4	
	T 11. 1 11	Election type	v2eltype_5	
	Legislature closed do		v2xlg_leginter	
	I amialativa an asmatit	Legislature bicameral	v2lgbicam v2x_legabort	
	Legislative of constit	uent assembly election aborted Legislature bicameral	v2lgbicam	
		Legislative or constituent assembly election	v2xel_elecparl	
$Electoral\ component$	index		v2x_EDcomp_thick	
•	Freedom of association	on index (thick)	v2x_frassoc_thick	
		Party ban	v2psparban	0.417
		Barriers to parties	v2psbars	0.285
		Opposition parties autonomy	v2psoppaut	0.023
		Elections multiparty	v2elmulpar	0.042
		CSO entry and exit	v2cseeorgs	0.406
		CSO repression	v2csreprss	0.466
Legislature directly e	elected	T 1 1 1 1 1 1 1 1	v2xex_elecleg	
		Lower chamber directly elected	v2lgello	
		Upper chamber directly elected Percentage of indirectly elected legislators	v2lgelecup v2lginello	
		lower chamber		
		Percentage of indirectly elected legislators upper chamber Chief executive appointment by upper	v2lginelup	
		chamber Chief executive appointment by upper Chief executive appointment by upper	v2exapup v2exapupap	
		chamber implicit approval	· zenapapap	
Freedom of expression	on index		v2x_freexp	
		Government censorship effort — Media	v2mecenefm	0.327
		Harassment of journalists	v2meharjrn	
				0.364
		Media self-censorship	v2meslfcen	0.384
		Freedom of discussion for men	v2cldiscm	0.384 0.246
		Freedom of discussion for men Freedom of discussion for women	v2cldiscm v2cldiscw	0.384 0.246 0.246
		Freedom of discussion for men	v2cldiscm	0.384 0.246
Alternative sources o	of information index	Freedom of discussion for men Freedom of discussion for women Freedom of academic and cultural expression	v2cldiscm v2cldiscw v2clacfree v2xme_altinf	0.384 0.246 0.246 0.315
Alternative sources o	of information index	Freedom of discussion for men Freedom of discussion for women Freedom of academic and cultural expression Media bias	v2cldiscm v2cldiscw v2clacfree v2xme_altinf v2mebias	0.384 0.246 0.246 0.315
$Alternative\ sources\ lpha$	$of\ information\ index$	Freedom of discussion for men Freedom of discussion for women Freedom of academic and cultural expression Media bias Print/broadcast media critical	v2cldiscm v2cldiscw v2clacfree v2xme_altinf v2mebias v2mecrit	0.384 0.246 0.246 0.315 0.286 0.265
	J	Freedom of discussion for men Freedom of discussion for women Freedom of academic and cultural expression Media bias	v2cldiscm v2cldiscw v2clacfree v2xme_altinf v2mebias v2mecrit v2merange	0.384 0.246 0.246 0.315
	J	Freedom of discussion for men Freedom of discussion for women Freedom of academic and cultural expression Media bias Print/broadcast media critical Print/broadcast media perspectives	v2cldiscm v2cldiscw v2clacfree v2xme_altinf v2mebias v2mecrit v2merange v2xcl_disc	0.384 0.246 0.246 0.315 0.286 0.265
	J	Freedom of discussion for men Freedom of discussion for women Freedom of academic and cultural expression Media bias Print/broadcast media critical	v2cldiscm v2cldiscw v2clacfree v2xme_altinf v2mebias v2mecrit v2merange	0.384 0.246 0.246 0.315 0.286 0.265
Freedom of discussio	J	Freedom of discussion for men Freedom of discussion for women Freedom of academic and cultural expression Media bias Print/broadcast media critical Print/broadcast media perspectives Freedom of discussion for men Freedom of discussion for women	v2cldiscm v2cldiscw v2clacfree v2xme_altinf v2mebias v2mecrit v2merange v2xcl_disc v2cldiscm v2cldiscw v2xcl_acjst	0.384 0.246 0.246 0.315 0.286 0.265
Freedom of discussio	J	Freedom of discussion for men Freedom of discussion for women Freedom of academic and cultural expression Media bias Print/broadcast media critical Print/broadcast media perspectives Freedom of discussion for men Freedom of discussion for women Access to justice for men	v2cldiscm v2cldiscw v2clacfree v2xme_altinf v2mebias v2mecrit v2merange v2xcl_disc v2cldiscm v2cldiscw v2xcl_acjst v2clacjstm	0.384 0.246 0.246 0.315 0.286 0.265
Freedom of discussio	J	Freedom of discussion for men Freedom of discussion for women Freedom of academic and cultural expression Media bias Print/broadcast media critical Print/broadcast media perspectives Freedom of discussion for men Freedom of discussion for women	v2cldiscm v2cldiscw v2clacfree v2xme_altinf v2mebias v2mecrit v2merange v2xcl_disc v2cldiscm v2cldiscw v2xcl_acjst	0.384 0.246 0.246 0.315 0.286 0.265
Freedom of discussion Access to justice	J	Freedom of discussion for men Freedom of discussion for women Freedom of academic and cultural expression Media bias Print/broadcast media critical Print/broadcast media perspectives Freedom of discussion for men Freedom of discussion for women Access to justice for men Access to justice for women	v2cldiscm v2cldiscw v2clacfree v2xme_altinf v2mebias v2mecrit v2merange v2xcl_disc v2cldiscm v2cldiscw v2xcl_acjst v2clacjstm v2clacjstw v2xcl_prpty	0.384 0.246 0.246 0.315 0.286 0.265
Alternative sources of Freedom of discussion Access to justice Property rights	J	Freedom of discussion for men Freedom of discussion for women Freedom of academic and cultural expression Media bias Print/broadcast media critical Print/broadcast media perspectives Freedom of discussion for men Freedom of discussion for women Access to justice for men Access to justice for women Property rights for men	v2cldiscm v2cldiscw v2clacfree v2xme_altinf v2mebias v2mecrit v2merange v2xcl_disc v2cldiscm v2cldiscw v2xcl_acjst v2clacjstm v2clacjstw v2xcl_prpty v2clprptym	0.384 0.246 0.246 0.315 0.286 0.265
Freedom of discussion Access to justice	J	Freedom of discussion for men Freedom of discussion for women Freedom of academic and cultural expression Media bias Print/broadcast media critical Print/broadcast media perspectives Freedom of discussion for men Freedom of discussion for women Access to justice for men Access to justice for women	v2cldiscm v2cldiscw v2clacfree v2xme_altinf v2mebias v2mecrit v2merange v2xcl_disc v2cldiscm v2cldiscw v2xcl_acjst v2clacjstm v2clacjstw v2xcl_prpty	0.384 0.246 0.246 0.315 0.286 0.265
Freedom of discussion Access to justice Property rights	on	Freedom of discussion for men Freedom of discussion for women Freedom of academic and cultural expression Media bias Print/broadcast media critical Print/broadcast media perspectives Freedom of discussion for men Freedom of discussion for women Access to justice for men Access to justice for women Property rights for men	v2cldiscm v2cldiscw v2clacfree v2xme_altinf v2mebias v2mecrit v2merange v2xcl_disc v2cldiscm v2cldiscw v2xcl_acjst v2clacjstm v2clacjstw v2xcl_prpty v2clprptym v2clprptyw	0.384 0.246 0.246 0.315 0.286 0.265
Freedom of discussion Access to justice	on	Freedom of discussion for men Freedom of discussion for women Freedom of academic and cultural expression Media bias Print/broadcast media critical Print/broadcast media perspectives Freedom of discussion for men Freedom of discussion for women Access to justice for men Access to justice for women Property rights for men	v2cldiscm v2cldiscw v2clacfree v2xme_altinf v2mebias v2mecrit v2merange v2xcl_disc v2cldiscm v2cldiscw v2xcl_acjst v2clacjstm v2clacjstw v2xcl_prpty v2clprptym	0.384 0.246 0.246 0.315 0.286 0.265



Democracy Indices Created Using V- Dem Data Name	Lower-Level Democracy and Governance Index Name	Indicator Name	Tag	Uniqueness Score*
Freedom of domestic	: movement		v2xcl_slave	
		Freedom of domestic movement for men Freedom of domestic movement for women	v2cldmovem v2cldmovew	
Party institutionalize	ation index		v2xps_party	
		Party organizations	v2psorgs	
		Party branches	v2psprbrch	
		Party linkages	v2psprlnks	
		Distinct party platforms	v2psplats	
		Legislative party cohesion	v2pscohesv	
Divided party contro	l of legislature index		v2x_divparctrl	
		National party control	v2psnatpar	
		National party control ordinal version	$v2psnatpar_ord$	
Division of power in	dex		v2x_feduni	
* -		Local government exists	v2ellocgov	
		Regional government exists	v2elreggov	
		Local government elected	v2ellocelc	
		Regional government elected	v2elsrgel	
		Local offices relative power	v2ellocpwr	
		Regional offices relative power	v2elrgpwr	
Academic Freedom I	ndex		v2xca_academ	
		Freedom to research and teach	v2cafres	0.189
		Freedom of academic exchange and dissemination	v2cafexch	0.182
		Institutional autonomy	v2cainsaut	0.335
		Campus integrity	v2casurv	0.306
		Freedom of academic and cultural expression	v2clacfree	0.388

^{*}Unmodeled Variance. Uniqueness is the variance that is 'unique' to the variable and not shared with other variables.

^{**} Since the accountability indices do not use standard BFAs, we do not report uniqueness scores here. Details regarding model fit can be found in the methodological appendix of V-Dem Working Paper No. 58.