

REGIONAL DIGITAL TRADE INTEGRATION INDEX (RDTII)

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POLICY ADVISOR ON DIGITAL TRANSFORMATION

ASIA-PACIFIC REGIONAL INTEGRATION INDEX (APRII): ITS USE FOR
EVIDENCE-BASED POLICY FORMULATION
BANGKOK, 22-23 APRIL 2020

OUTLINE


- DIGITAL TRADE INDEXES & DATABASES:
 - WEF NETWORKED READINESS INDEX
 - UNCTAD CYBERLAW TRACKER
 - OECD DSRI (DIGITAL SERVICES RESTRICTIVENESS INDEX)
 - ECIPE DTRI (DIGITAL TRADE RESTRICTIVENESS INDEX)
- REGIONAL DIGITAL TRADE INTEGRATION INDEX:
 - RDTRI PRESENTATION & METHODOLOGY
 - COMPOSITION AND RANKINGS

OUTLINE

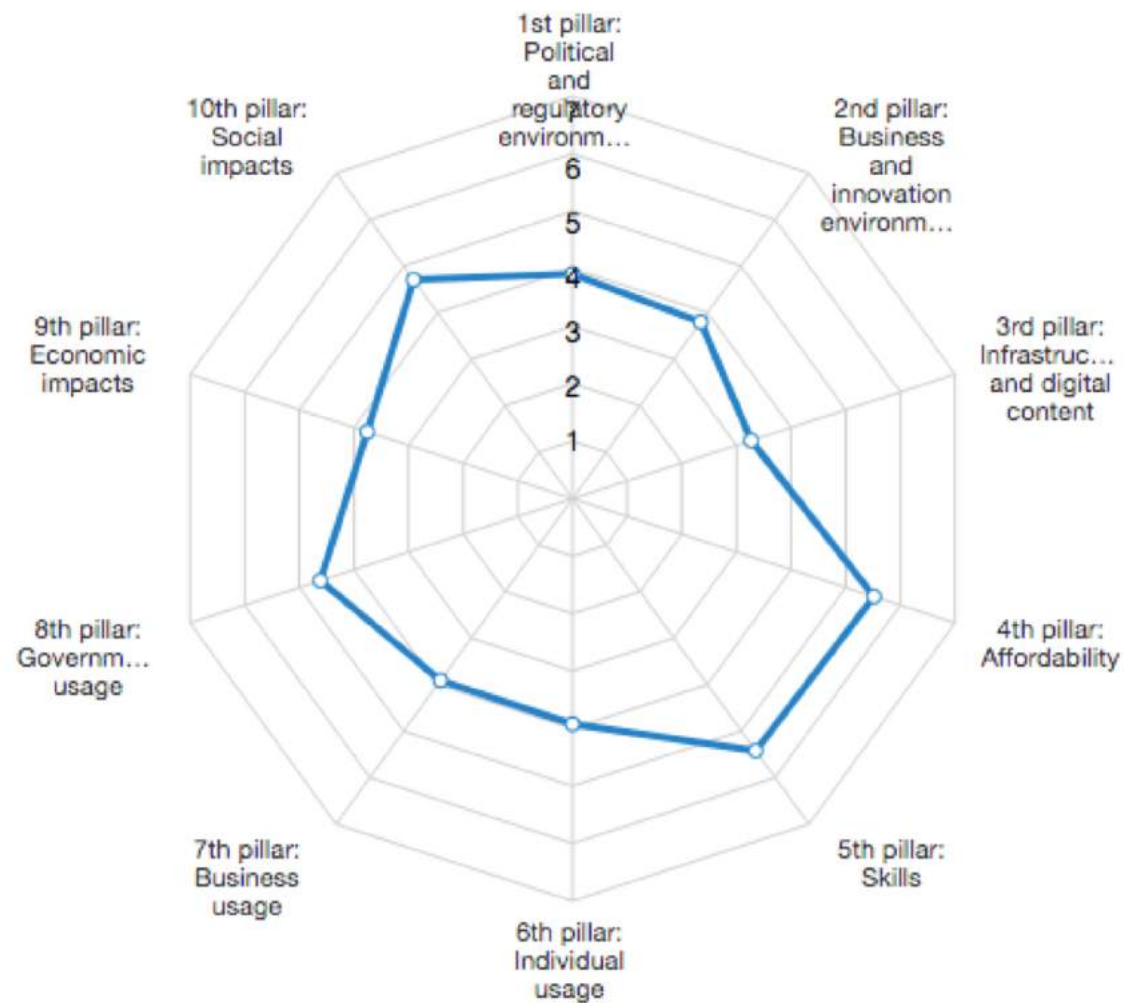
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WEF
NETWORKED
READINESS INDEX






















NETWORKED READINESS INDEX

	The top 10 countries harnessing information technology	
	Networked Readiness Index 2016	Global rank*
Singapore		1
Finland		2
Sweden		3
Norway		4
United States		5
Netherlands		6
Switzerland		7
United Kingdom		8
Luxembourg		9
Japan		10




















NETWORKED READINESS INDEX: CHINA

























NETWORKED READINESS INDEX: CHINA

▼ Expand All Pillars		Info	Rank / 139	Score	Trend	Distance from best
Networked Readiness Index 1–7 (best)		ⓘ	59	4.2		
Subindex A: Environment subindex 1–7 (best)		ⓘ	83	3.9		
	1st pillar: Political and regulatory environment 1–7 (best)	ⓘ	58	3.9		 ▼
	2nd pillar: Business and innovation environment 1–7 (best)	ⓘ	104	3.8		 ▼
Subindex B: Readiness subindex 1–7 (best)		ⓘ	75	4.7		
	3rd pillar: Infrastructure and digital content 1–7 (best)	ⓘ	90	3.3		 ▼
	4th pillar: Affordability 1–7 (best)	ⓘ	63	5.5		 ▼
	5th pillar: Skills 1–7 (best)	ⓘ	47	5.4		 ▼

NETWORKED READINESS INDEX: CHINA

Subindex C: Usage subindex 1–7 (best)		ⓘ	51	4.1			
	6th pillar: Individual usage 1–7 (best)	ⓘ	75	3.9			▼
	7th pillar: Business usage 1–7 (best)	ⓘ	44	3.9			▼
	8th pillar: Government usage 1–7 (best)	ⓘ	40	4.6			▼
Subindex D: Impact subindex 1–7 (best)		ⓘ	39	4.2			
	9th pillar: Economic impacts 1–7 (best)	ⓘ	37	3.8			▼
	10th pillar: Social impacts 1–7 (best)	ⓘ	41	4.7			▼

NETWORKED READINESS INDEX: CHINA

 7th pillar: Business usage 1–7 (best)		44	3.9			▲
Firm-level technology absorption 1–7 (best)		66	4.7			
Capacity for innovation 1–7 (best)		49	4.2			
PCT patents applications/million pop.		32	15.2			
ICT use for biz-to-biz transactions 1–7 (best)		57	4.9			
Internet use for biz-to-consumer transactions 1–7 (best)		32	5.3			
Extent of staff training 1–7 (best)		50	4.2			

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UNCTAD CYBERLAW TRACKER

UNCTAD CYBERLAW TRACKER

79%

COUNTRIES WITH
E-TRANSACTIONS LAWS

52%

COUNTRIES WITH
CONSUMER PROTECTION LAWS

58%

COUNTRIES WITH
PRIVACY LAWS

72%

COUNTRIES WITH
CYBERCRIME LAWS

Countries:

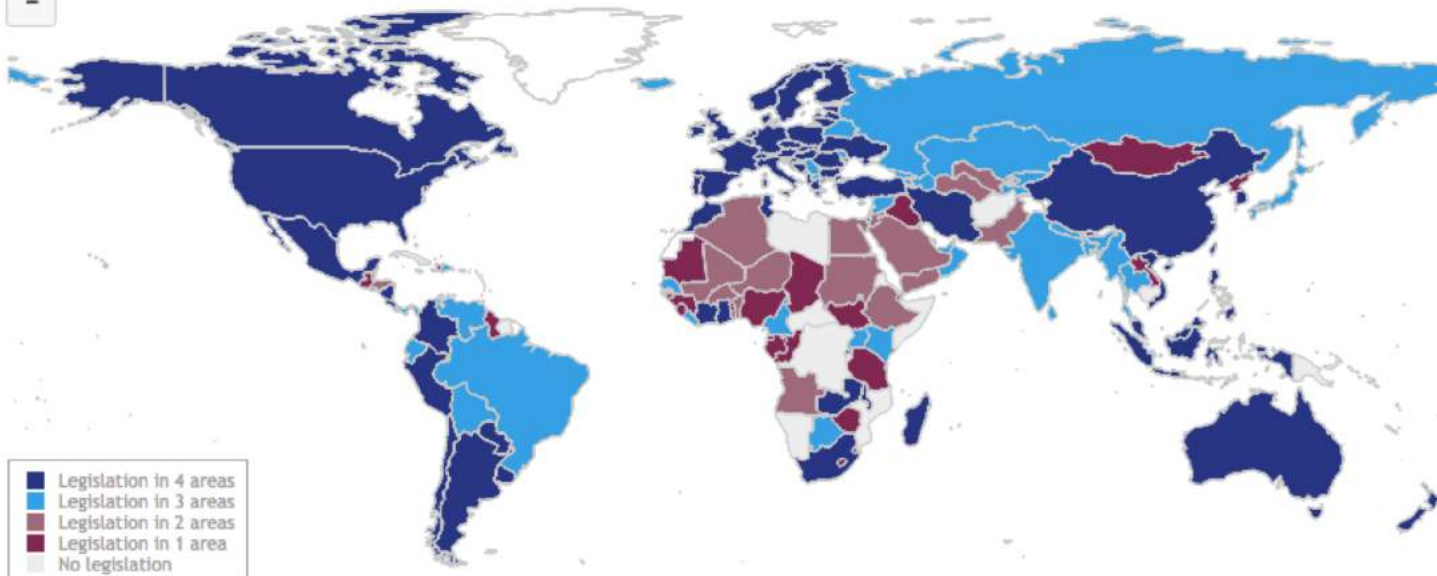
Select a country

Regions:

Select a region



Summary of Adoption of E-Commerce Legislation Worldwide



Source: UNCTAD, 14/01/2020

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OECD

DIGITAL SERVICES

RESTRICTIVENESS

INDEX

OECD DIGITAL SERVICES RESTRICTIVENESS INDEX



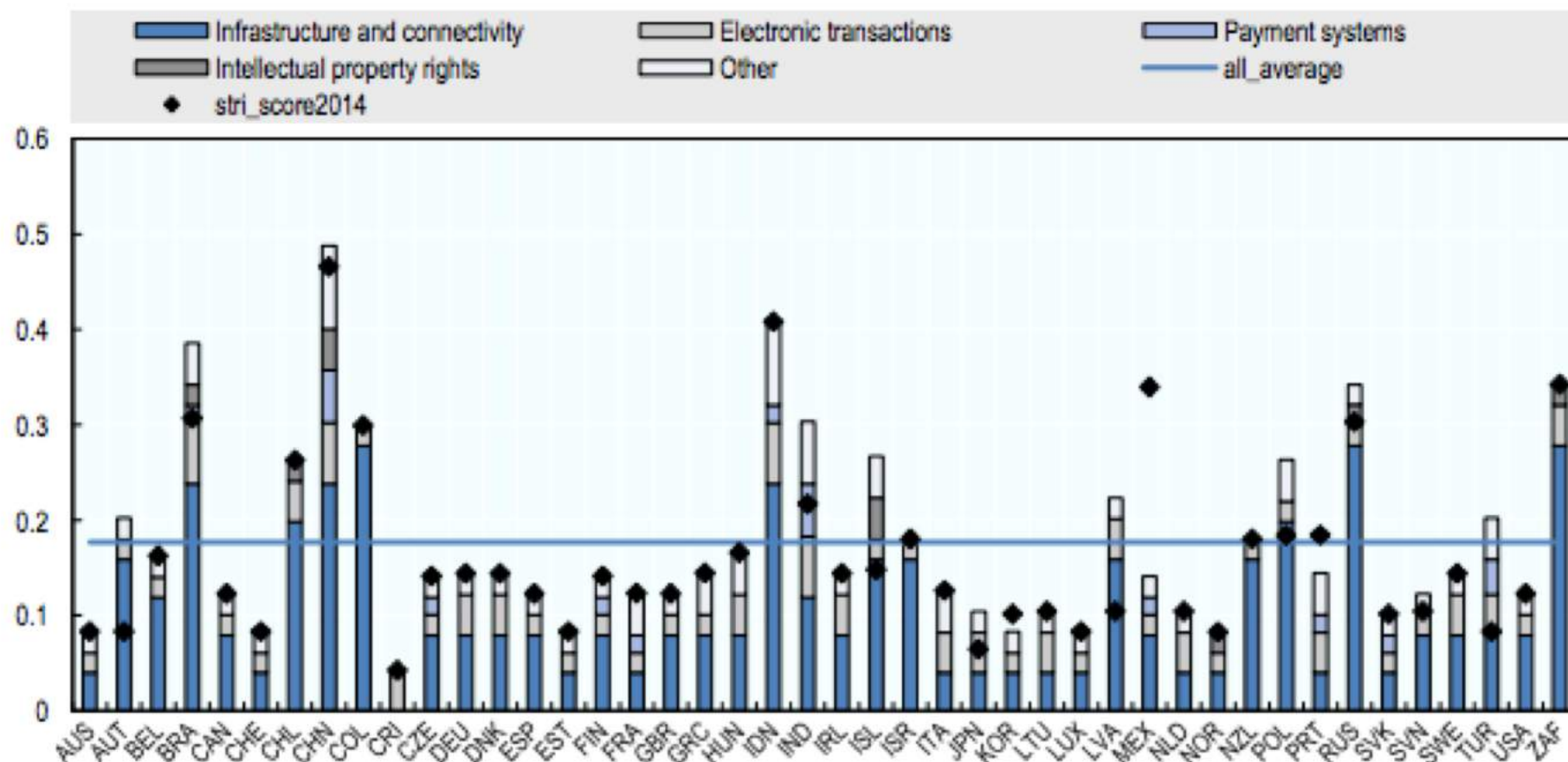
OECD Trade Policy Papers No. 221

The OECD Digital Services Trade Restrictiveness Index

Janos Ferencz

OECD DIGITAL SERVICES RESTRICTIVENESS INDEX

Figure 5. Digital STRIs (2018)



Note: The statistical data for Israel are supplied by and under the responsibility of the relevant Israeli authorities. The use of such data by the OECD is without prejudice to the status of the Golan Heights, East Jerusalem and Israeli settlements in the West Bank under the terms of international law.

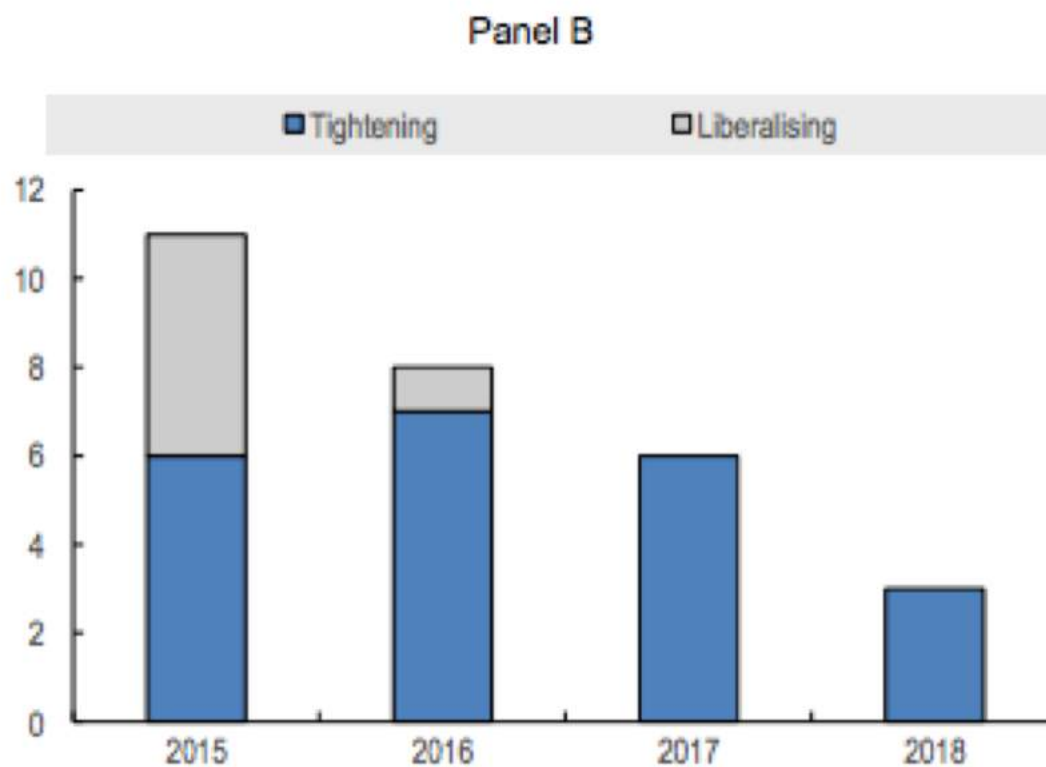
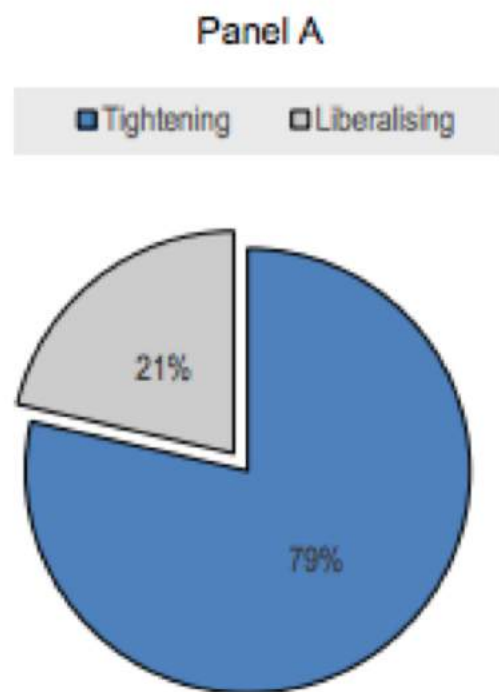
Source: OECD Digital STRI.

OECD DIGITAL SERVICES RESTRICTIVENESS INDEX

Figure 6. Policy changes affecting trade in digitally enabled services (2014-2018)

Panel A: Nature of changes over the period 2014-2018

Panel B: Number of changes across years



Source: OECD Digital STRI.

OECD DIGITAL SERVICES RESTRICTIVENESS INDEX

China

0.488

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Digital measures	Search a measure	Search	Cancel	Answers	Scores	Values
➤ dg.1 Infrastructure and connectivity					6	0.238
▼ dg.2 Electronic transactions					3	0.064
7.1.1 Discriminatory conditions for licenses to engage in e-commerce ⬆				<input checked="" type="radio"/> Yes <input type="radio"/> No	1	0.021
7.2.1 Memo: License or authorisation is required to engage in e-commerce ⬆				<input checked="" type="radio"/> Yes <input type="radio"/> No	0	0
7.3.1 Online tax registration and declaration is available to non-resident foreign providers ⬆				<input type="radio"/> Yes <input checked="" type="radio"/> No	1	0.021
7.4.1 National contract rule for cross-border transaction deviate from internationally standardised rules ⬆				<input checked="" type="radio"/> Yes <input type="radio"/> No	1	0.021
7.5.1 Laws or regulations explicitly protect confidential information ⬆				<input checked="" type="radio"/> Yes <input type="radio"/> No	0	0
7.6.1 Laws or regulations provide electronic signature with the equivalent legal validity with hand-written signature ⬆				<input checked="" type="radio"/> Yes <input type="radio"/> No	0	0
7.7.1 Dispute settlement mechanism exist to resolve disputes arising from cross-border digital trade ⬆				<input checked="" type="radio"/> Yes <input type="radio"/> No	0	0
➤ dg.3 Payment system					3	0.055
➤ dg.4 Intellectual property rights					2	0.043
➤ dg.5 Other barriers affecting trade in digitally enabled services					4	0.087

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ECIPE
DIGITAL TRADE
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INDEX

DIGITAL TRADE RESTRICTIVENESS INDEX (DTRI)

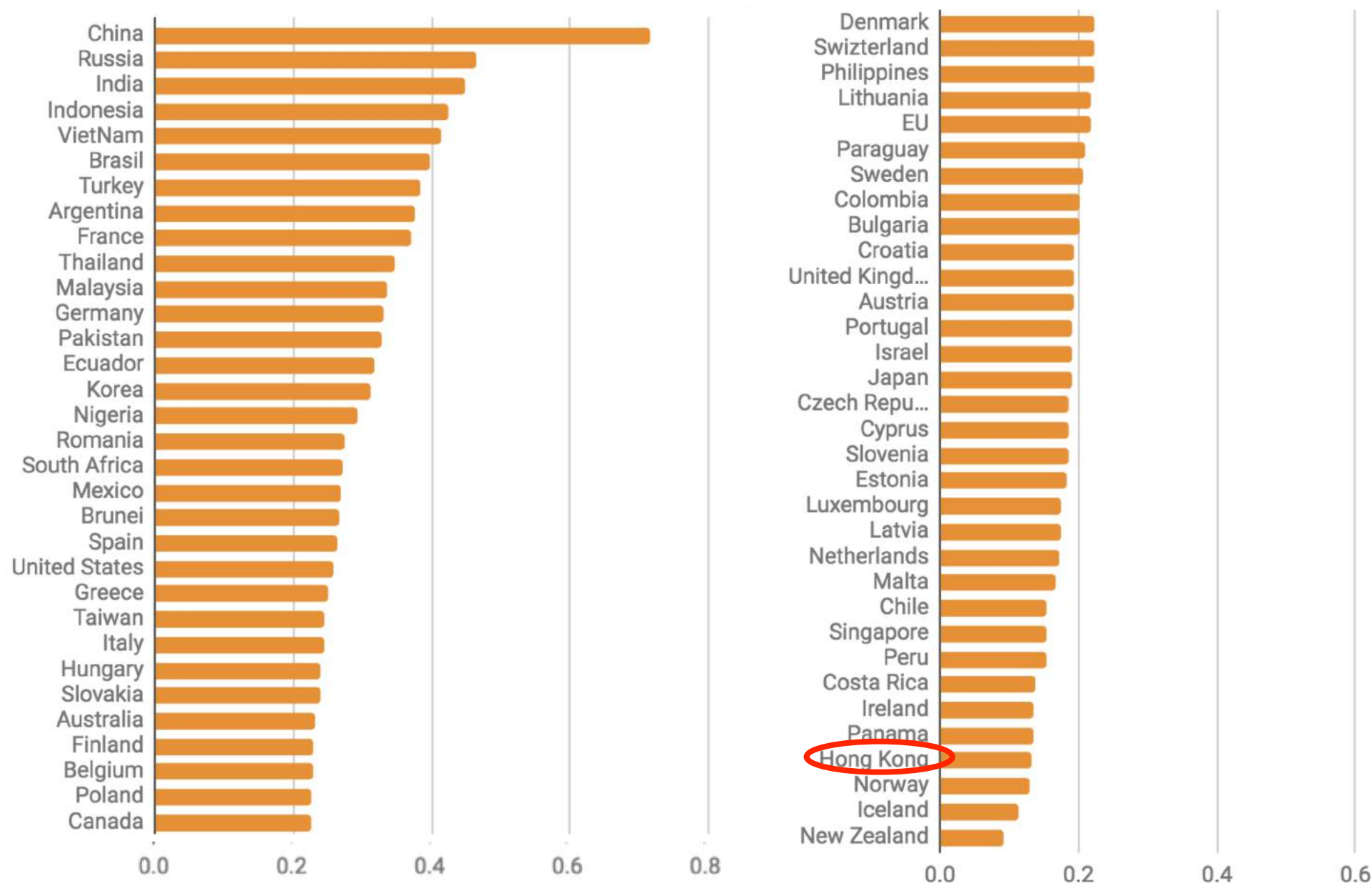


DIGITAL TRADE RESTRICTIVENESS INDEX (DTRI)

13 main areas:

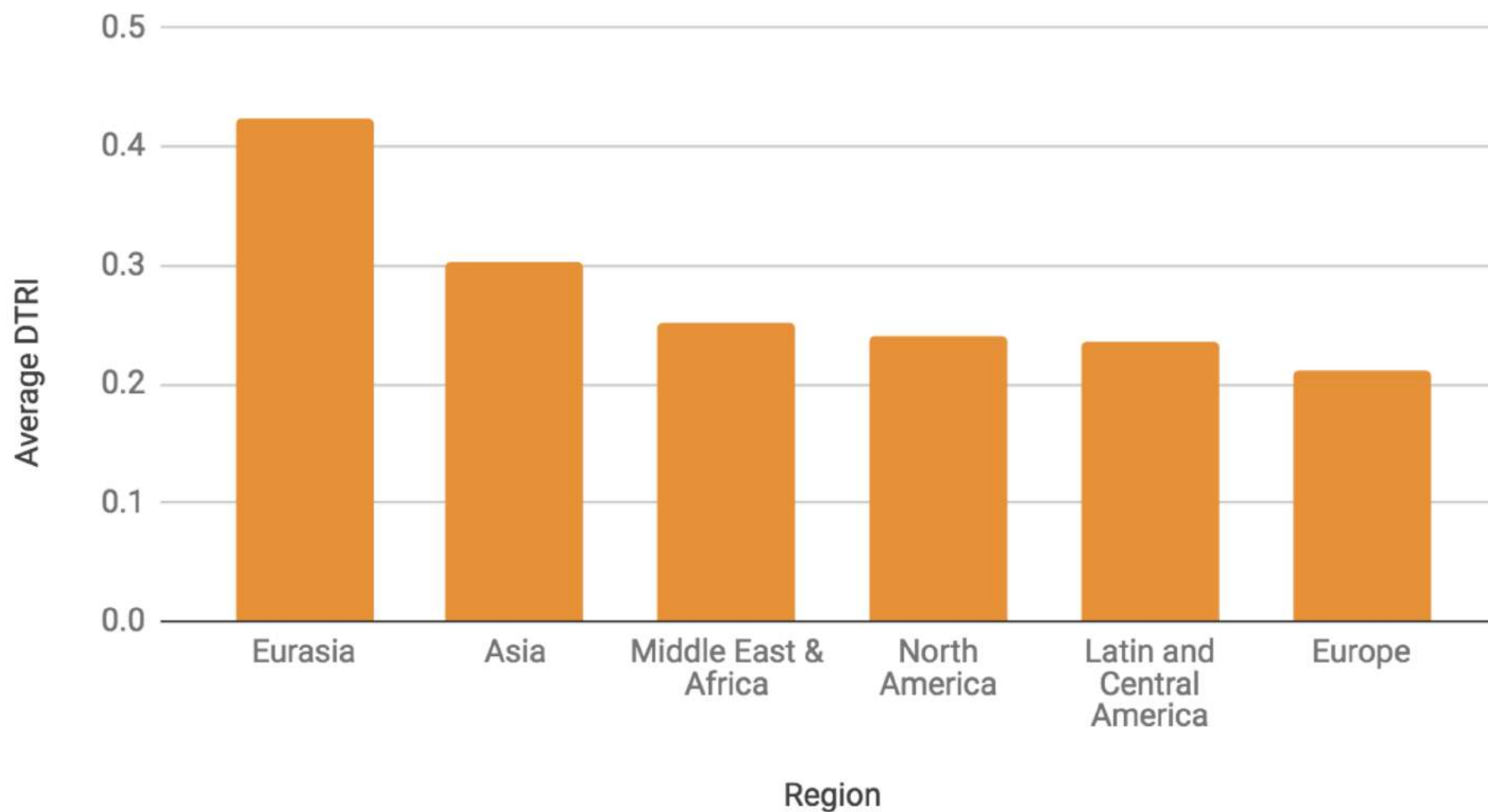
1. Tariffs and trade defence
2. Taxation and subsidies
3. Public procurement
4. Foreign investment
5. IPR
6. Competition policy
7. Business mobility
8. Data policies
9. Intermediary liability
10. Content access
11. Quantitative trade restrictions
12. Standards
13. Online sales and transactions

DIGITAL TRADE RESTRICTIVENESS INDEX



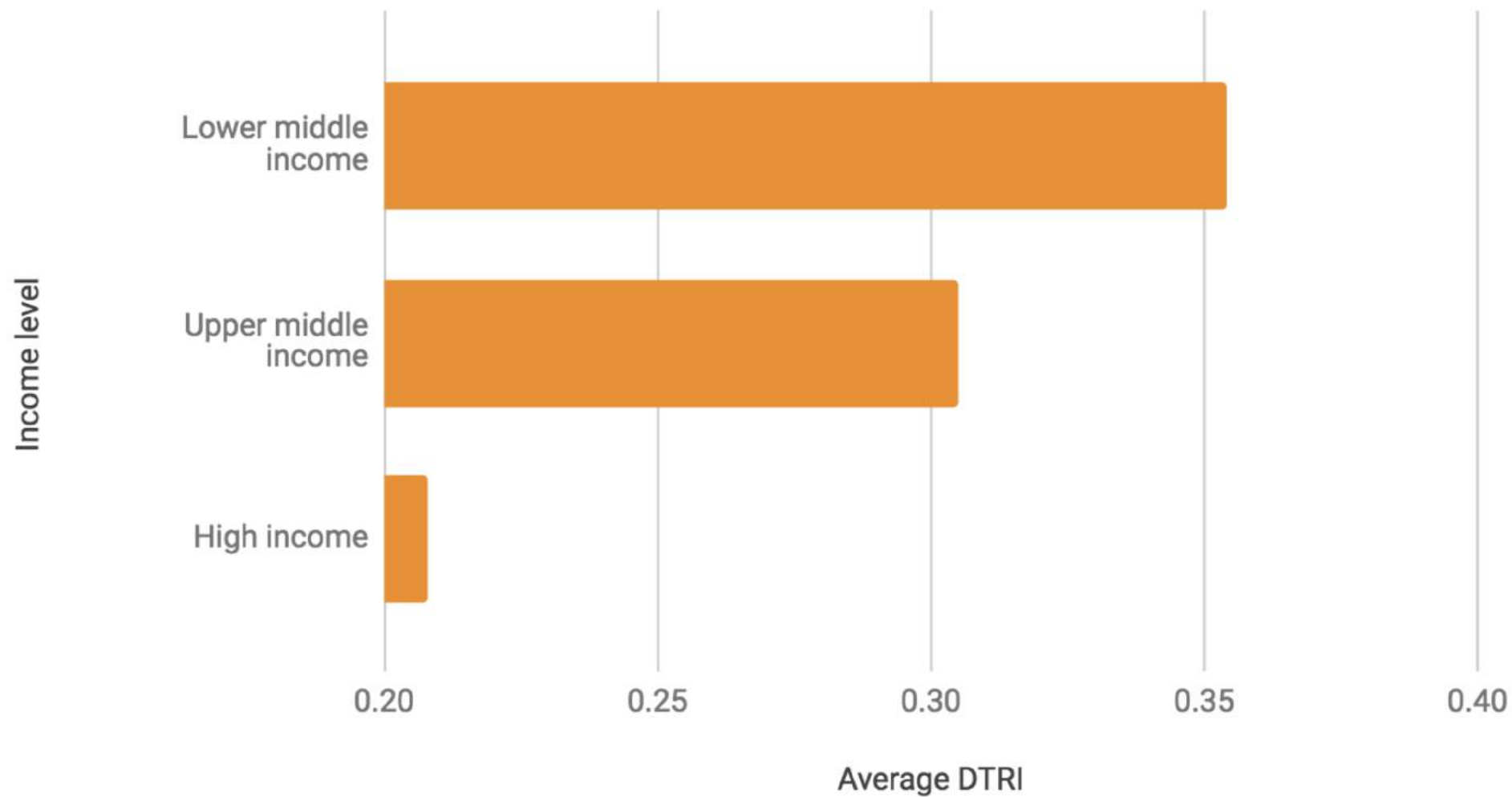
Source: Own calculations based on Digital Trade Estimates Database (www.ecipe.org/dte)

Average DTRI by Region



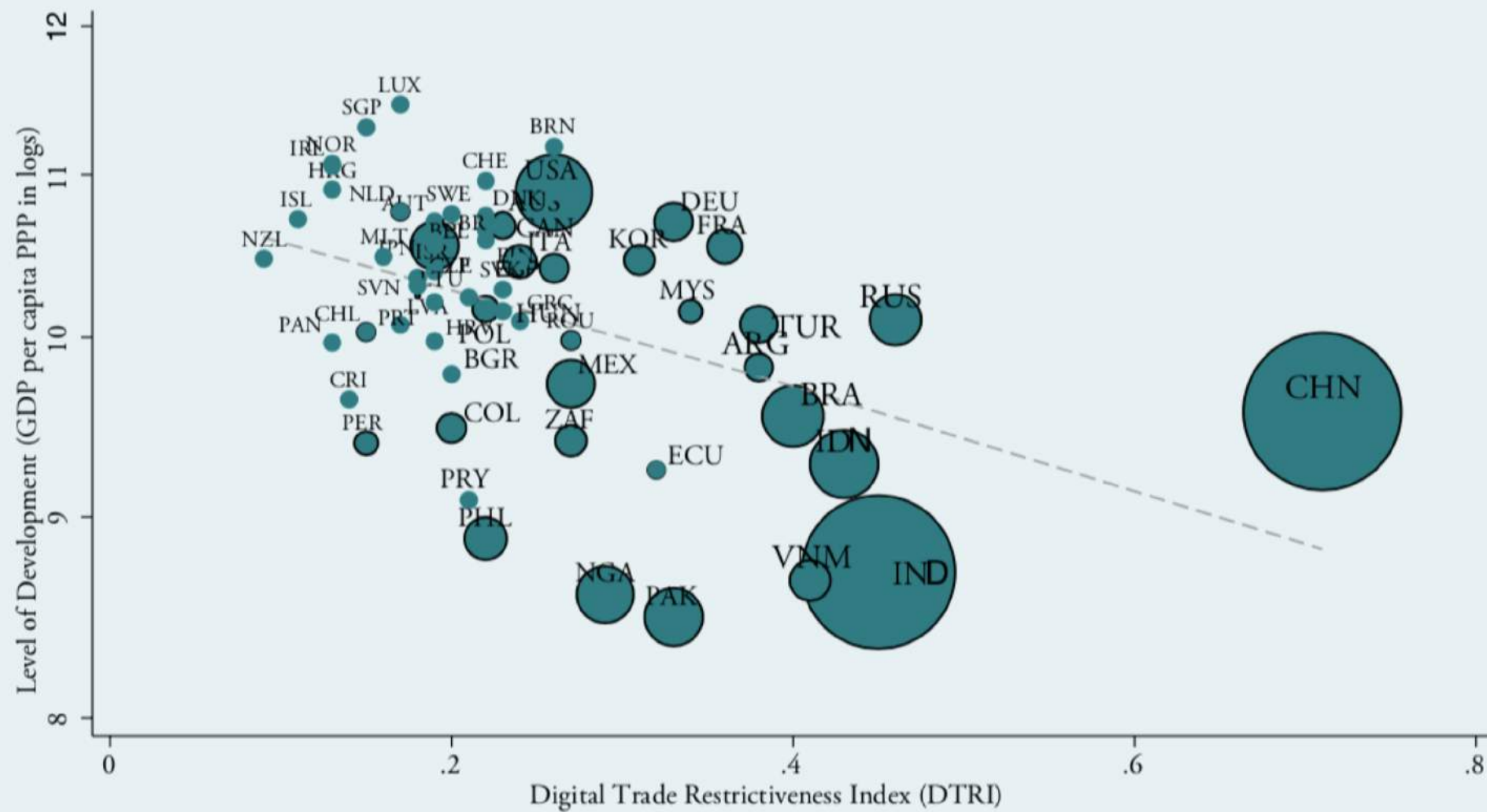
Source: Own calculations based on Digital Trade Estimates Database (www.ecipe.org/dte)

Average DTRI by Income level



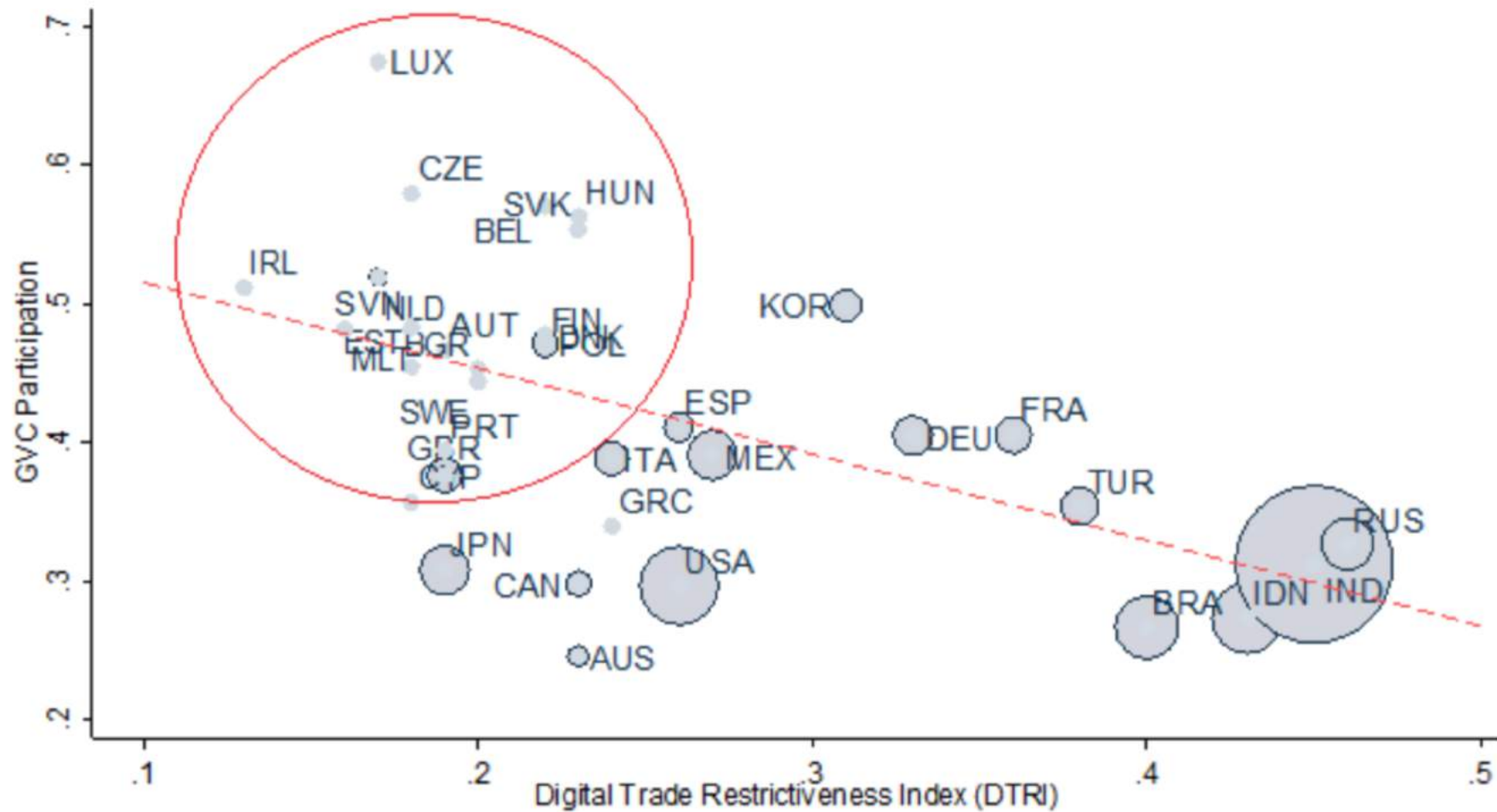
Source: Own calculations based on Digital Trade Estimates Database (www.ecipe.org/dte)

Figure B1: DTRI and Level of Development



Source: DTRI Report, p. 21

GVC PARTICIPATION & DTRI



Source: Van der Marel (2018)

EXERCISE

Check how your country ranks in each of these indicators and databases.

You can then prepare a short summary on those areas in which your country does well on policies related to digital trade integration.

Finally, you can write down a list of areas which need improvement and you can review how other high performing countries are approaching similar issues.

During the conference, the participants can exchange best practices they identified in their countries in critical areas.

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REGIONAL DIGITAL TRADE INTEGRATION INDEX (RDTII)

11 PILLARS:

1. Tariffs and trade defence
2. Public procurement
3. Foreign direct investment
4. IPR
5. Telecom infrastructure & Competition
6. Cross-border data policies
7. Domestic data policies
8. Intermediary liability & Content access
9. Quantitative trade restrictions
10. Standards
11. Online sales and transactions

REGIONAL DIGITAL TRADE INTEGRATION INDEX (RDTII)

MEASUREMENT:

- Each pillar has the same weight (simple average)
- Within each pillar, entries have diverse weights to reflect the expected impact of the measure on digital trade (weighted average)
- All entries go from 0 (not restricted) to 1 (most restricted)
- The work sheet allows to change the weights and simulate new results

REGIONAL DIGITAL TRADE INTEGRATION INDEX (RDTII)

RATIONALE FOR LISTING AN ENTRY:

- It creates a more restrictive regime for online trade vs offline trade
- It implies a different treatment between domestic and foreign providers of digital goods or services;
- It is applied in a manner which is excessively burdensome (measure especially trade-distortive to achieve a non-economic objective)

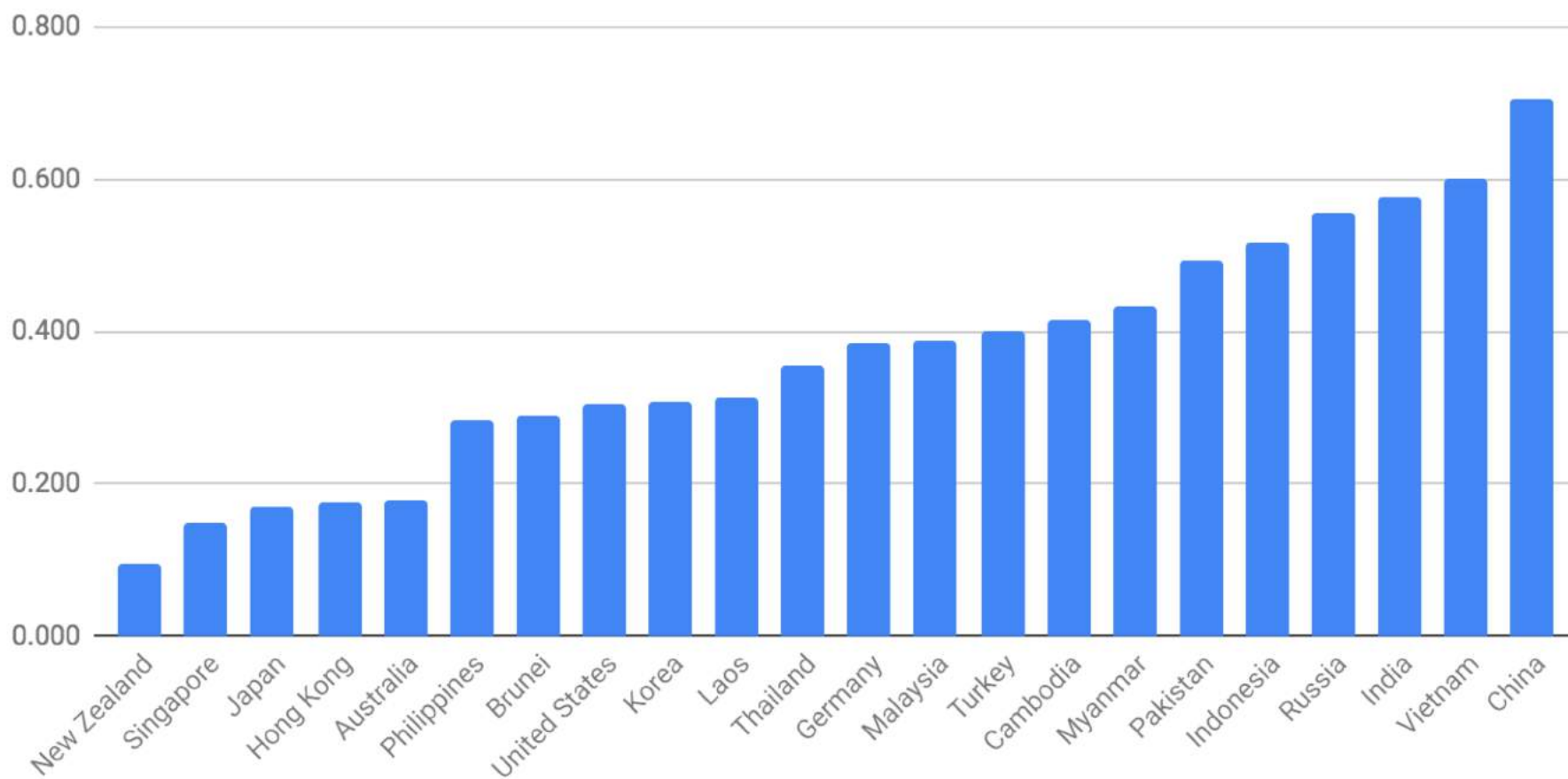
REGIONAL DIGITAL TRADE INTEGRATION INDEX (RDTII)

TARIFFS & TRADE DEFENCE	AHS on digital goods 35%	Zero coverage 35%	Not ITA signatory 15%	Trade defence 15%	
PUBLIC PROCUREMENT	Exclusion from PP 30%	Trade secrets restrictions 20%	Other restrictions 20%	Not GPA signatory 10%	NRI, Pillar 2.09 20%
INVESTMENT	Maximum foreign equity 40%	Joint-venture requirement 25%	Nationality/residency requirement 10%	Screenings 25%	
IPRs	Lack of transparency 20%	Lack of clear exceptions 20%	Lack of proper enforcement 20%	Disclosure trade secrets 20%	NRI, Pillar 1.06 20%
INFRASTRUCTURE & COMPETITION	Lack of deregulation 25%	Other restrictions 25%	Strict licensing 25%	NRI, Pillar 3 25%	
CROSS-BORDER DATA POLICIES	Restrictions on location of data 70%	Conditional flow regime 20%	Not APEC signatory 10%		

REGIONAL DIGITAL TRADE INTEGRATION INDEX (RDTII)

DATA POLICIES	Lack of data protection 30%	Data retention 20%	DPIA or DPO requirement 10%	Government access to data 10%	NRI, Pillar 7.5 20%
INTERMEDIARY LIABILITY & CONTENT ACCESS	Lack of safe harbour 25%	Identity / monitoring requirement 25%	Blocking / Filtering 25%	Strict licensing 25%	
QUANTITATIVE TRADE RESTRICTIONS	Import ban 40%	Other strict import procedures 25%	Local content requirement 25%	Export restrictions 10%	
STANDARDS	Standards not transparent 15%	Lack of self-certification 15%	Screening requirement 20%	Product ban 25%	Restrictions on encryption 25%
ONLINE SALES & TRANSACTIONS	Restrictions on online sales 30%	Restrictions on e-payments 20%	Lack of de minimis 20%	Restrictions on domain names 10%	Lack of consumer protection law 20%

REGIONAL DIGITAL TRADE INTEGRATION INDEX (RDTII)



REGULATORY DISTANCE

$$\text{Regulatory distance index}_{a b i} = \frac{\sum_{i=1}^N (i) |RDTII_{ai} - RDTII_{bi}|}{N}$$

	AUS	BRN	CHN	DEU	HKG	IDN	IND	JPN	KHM	KOR	LAO	MMR	MYS	NZL	PAK	PHL	RUS	SGP	THA	TUR	USA	VNM
AUS		0.20	0.53	0.34	0.21	0.34	0.40	0.09	0.34	0.22	0.30	0.31	0.23	0.13	0.42	0.14	0.40	0.16	0.24	0.31	0.19	0.43
BRN	0.20		0.42	0.20	0.23	0.29	0.33	0.17	0.24	0.16	0.22	0.23	0.24	0.20	0.37	0.17	0.30	0.15	0.18	0.22	0.23	0.32
CHN	0.53	0.42		0.32	0.53	0.23	0.28	0.54	0.43	0.46	0.47	0.31	0.32	0.61	0.44	0.42	0.19	0.56	0.39	0.32	0.44	0.17
DEU	0.34	0.20	0.32		0.31	0.28	0.31	0.29	0.23	0.23	0.21	0.25	0.23	0.29	0.34	0.24	0.26	0.24	0.23	0.16	0.30	0.22
HKG	0.21	0.23	0.53	0.31		0.34	0.42	0.19	0.30	0.26	0.27	0.31	0.25	0.16	0.32	0.19	0.38	0.18	0.22	0.24	0.33	0.42
IDN	0.34	0.29	0.23	0.28	0.34		0.16	0.35	0.30	0.27	0.35	0.26	0.21	0.42	0.31	0.23	0.12	0.37	0.25	0.20	0.30	0.16
IND	0.40	0.33	0.28	0.31	0.42	0.16		0.41	0.28	0.29	0.34	0.28	0.28	0.48	0.27	0.31	0.20	0.43	0.30	0.26	0.38	0.21
JPN	0.09	0.17	0.54	0.29	0.19	0.35	0.41		0.32	0.17	0.27	0.35	0.23	0.13	0.42	0.13	0.39	0.16	0.27	0.29	0.25	0.44
KHM	0.34	0.24	0.43	0.23	0.30	0.30	0.28	0.32		0.21	0.15	0.20	0.27	0.36	0.19	0.24	0.29	0.31	0.18	0.25	0.27	0.32
KOR	0.22	0.16	0.46	0.23	0.26	0.27	0.29	0.17	0.21		0.19	0.32	0.26	0.21	0.33	0.17	0.31	0.19	0.27	0.21	0.26	0.38
LAO	0.30	0.22	0.47	0.21	0.27	0.35	0.34	0.27	0.15	0.19		0.21	0.22	0.26	0.31	0.23	0.38	0.21	0.23	0.26	0.26	0.38
MMR	0.31	0.23	0.31	0.25	0.31	0.26	0.28	0.35	0.20	0.32	0.21		0.22	0.38	0.33	0.27	0.29	0.33	0.15	0.27	0.26	0.22
MYS	0.23	0.24	0.32	0.23	0.25	0.21	0.28	0.23	0.27	0.26	0.22	0.22		0.32	0.33	0.15	0.24	0.29	0.21	0.20	0.27	0.25
NZL	0.13	0.20	0.61	0.29	0.16	0.42	0.48	0.13	0.36	0.21	0.26	0.38	0.32		0.43	0.20	0.46	0.05	0.30	0.31	0.25	0.51
PAK	0.42	0.37	0.44	0.34	0.32	0.31	0.27	0.42	0.19	0.33	0.31	0.33	0.33	0.43		0.34	0.32	0.38	0.29	0.25	0.36	0.35
PHL	0.14	0.17	0.42	0.24	0.19	0.23	0.31	0.13	0.24	0.17	0.23	0.27	0.15	0.20	0.34		0.29	0.18	0.19	0.24	0.19	0.36
RUS	0.40	0.30	0.19	0.26	0.38	0.12	0.20	0.39	0.29	0.31	0.38	0.29	0.24	0.46	0.32	0.29		0.41	0.27	0.20	0.32	0.19
SGP	0.16	0.15	0.56	0.24	0.18	0.37	0.43	0.16	0.31	0.19	0.21	0.33	0.29	0.05	0.38	0.18	0.41		0.25	0.25	0.20	0.45

EXERCISE

Review the technical annex and the entries for your country.

Try to change weights and see how the results change.

Review the regulatory distance index and check out what countries show results similar to your country.

Suggest changes in scores/policies based on your experience in your country (in some cases, for example, a policy might be applied in a more or less restrictive way).

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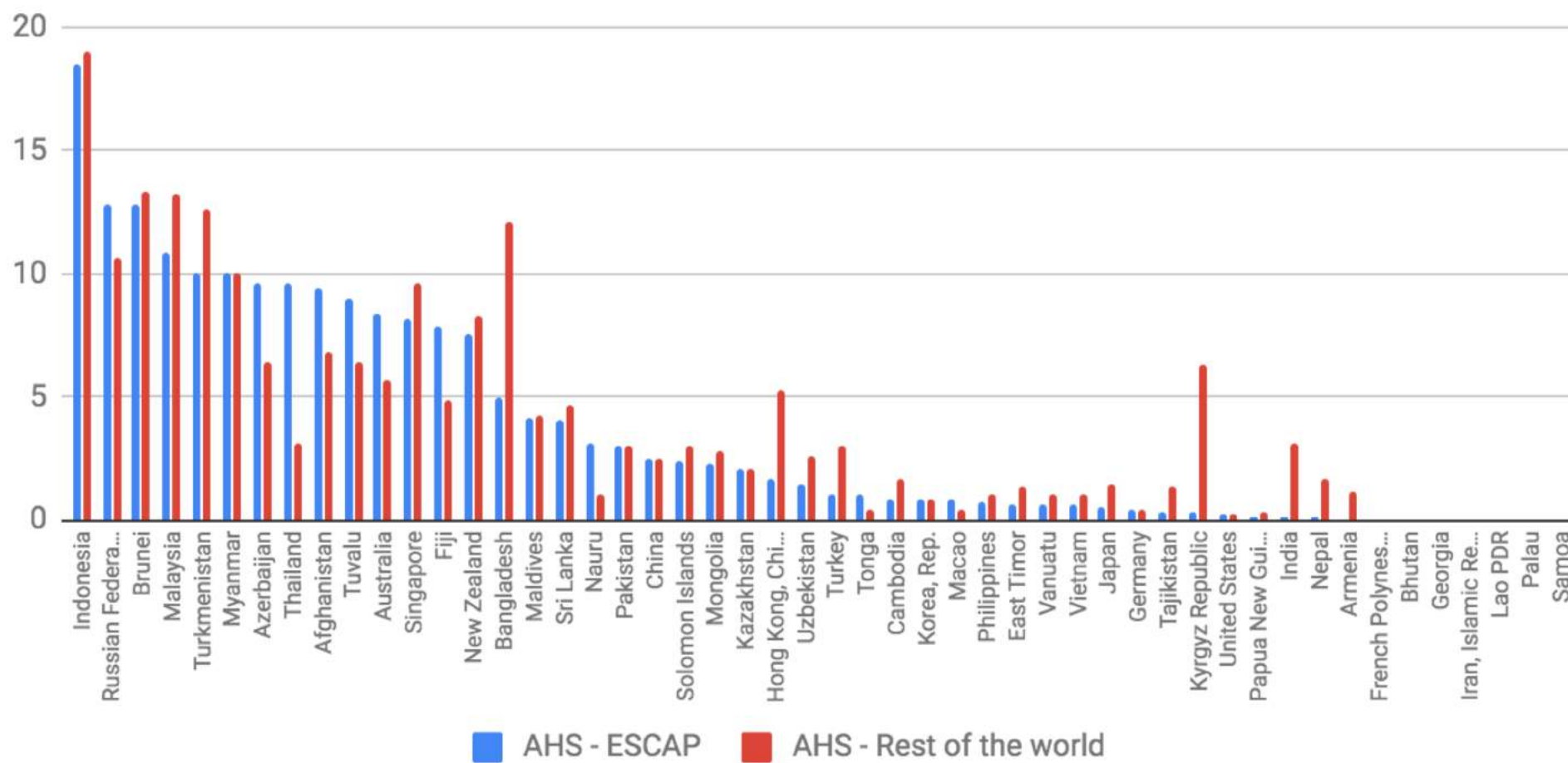
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TARIFFS AND TRADE DEFENCE

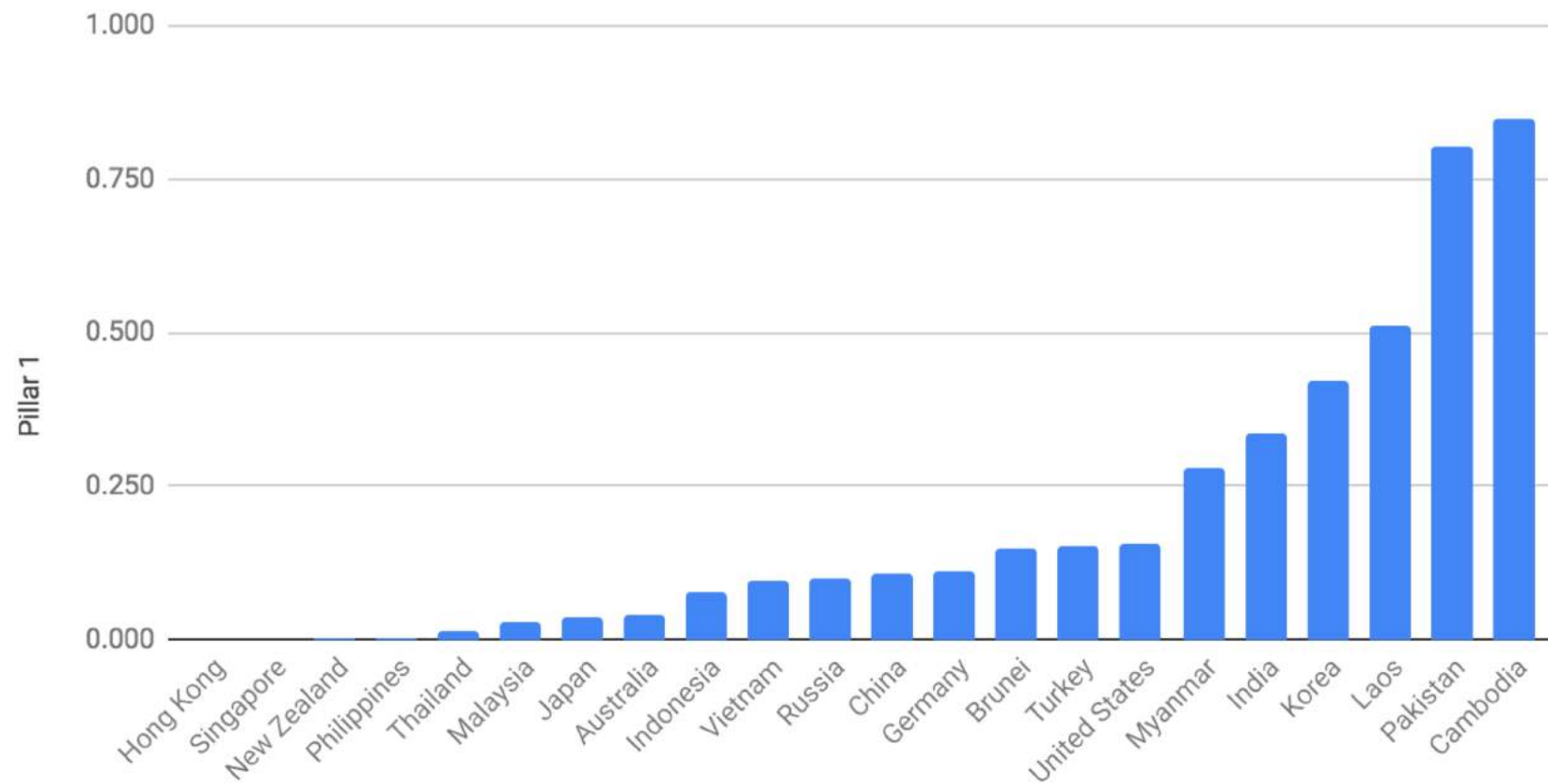
1. Tariffs applied on digital goods (AHS) (35%)
2. Zero coverage (35%)
3. Not signatory of ITA I and ITA II (15%)
4. Antidumping, CVD & Safeguards on digital goods (15%)

TARIFFS AND TRADE DEFENCE



Source: Own calculation based on WITS data.

TARIFFS AND TRADE DEFENCE



TARIFFS AND TRADE DEFENCE

	AUS	BRN	CHN	DEU	HKG	IDN	IND	JPN	KHM	KOR	LAO	MMR	MYS	NZL	PAK	PHL	RUS	SGP	THA	TUR	USA	VNM
AUS		0.31	0.08	0.05	0.06	0.19	0.39	0.00	0.81	0.36	0.57	0.40	0.08	0.06	0.69	0.06	0.20	0.06	0.07	0.15	0.19	0.20
BRN	0.31		0.40	0.37	0.25	0.13	0.45	0.31	0.50	0.55	0.26	0.09	0.27	0.25	0.50	0.25	0.14	0.25	0.26	0.22	0.51	0.14
CHN	0.08	0.40		0.12	0.15	0.27	0.31	0.08	0.85	0.40	0.64	0.44	0.13	0.14	0.73	0.14	0.25	0.15	0.14	0.19	0.14	0.26
DEU	0.05	0.37	0.12		0.12	0.24	0.35	0.05	0.76	0.31	0.52	0.37	0.11	0.11	0.64	0.11	0.24	0.12	0.11	0.18	0.24	0.23
HKG	0.06	0.25	0.15	0.12		0.13	0.45	0.06	0.75	0.30	0.51	0.34	0.02	0.00	0.75	0.00	0.14	0.00	0.22	0.26	0.14	
IDN	0.19	0.13	0.27	0.24	0.13		0.33	0.19	0.62	0.42	0.38	0.21	0.14	0.13	0.62	0.13	0.02	0.13	0.13	0.09	0.38	0.01
IND	0.39	0.45	0.31	0.35	0.45	0.33		0.39	0.80	0.60	0.62	0.39	0.43	0.45	0.67	0.45	0.31	0.45	0.45	0.24	0.20	0.31
JPN	0.00	0.31	0.08	0.05	0.06	0.19	0.39		0.81	0.36	0.57	0.40	0.08	0.07	0.69	0.07	0.21	0.06	0.07	0.15	0.19	0.20
KHM	0.81	0.50	0.85	0.76	0.75	0.62	0.80	0.81		0.45	0.24	0.41	0.73	0.75	0.12	0.75	0.61	0.75	0.74	0.66	0.99	0.61
KOR	0.36	0.55	0.40	0.31	0.30	0.42	0.60	0.36	0.45		0.29	0.47	0.28	0.30	0.45	0.30	0.41	0.30	0.29	0.46	0.55	0.41
LAO	0.57	0.26	0.64	0.52	0.51	0.38	0.62	0.57	0.24	0.29		0.26	0.51	0.51	0.24	0.51	0.39	0.51	0.50	0.45	0.75	0.38
MMR	0.40	0.09	0.44	0.37	0.34	0.21	0.39	0.40	0.41	0.47	0.26		0.32	0.34	0.41	0.34	0.20	0.34	0.33	0.25	0.59	0.20
MYS	0.08	0.27	0.13	0.11	0.02	0.14	0.43	0.08	0.73	0.28	0.51	0.32		0.02	0.73	0.02	0.13	0.02	0.01	0.20	0.26	0.13
NZL	0.06	0.25	0.14	0.11	0.00	0.13	0.45	0.07	0.75	0.30	0.51	0.34	0.02		0.75	0.00	0.14	0.00	0.01	0.21	0.25	0.14
PAK	0.69	0.50	0.73	0.64	0.75	0.62	0.67	0.69	0.12	0.45	0.24	0.41	0.73	0.75		0.75	0.61	0.75	0.74	0.54	0.87	0.61
PHL	0.06	0.25	0.14	0.11	0.00	0.13	0.45	0.07	0.75	0.30	0.51	0.34	0.02	0.00	0.75		0.14	0.00	0.01	0.21	0.25	0.14
RUS	0.20	0.14	0.25	0.24	0.14	0.02	0.31	0.21	0.61	0.41	0.39	0.20	0.13	0.14	0.61	0.14		0.14	0.13	0.07	0.39	0.00
SGP	0.06	0.25	0.15	0.12	0.00	0.13	0.45	0.06	0.75	0.30	0.51	0.34	0.02	0.00	0.75	0.00	0.14		0.01	0.22	0.26	0.14
THA	0.07	0.26	0.14	0.11	0.01	0.13	0.45	0.07	0.74	0.29	0.50	0.33	0.01	0.01	0.74	0.01	0.13	0.01		0.21	0.25	0.13
TUR	0.15	0.22	0.19	0.18	0.22	0.09	0.24	0.15	0.66	0.46	0.45	0.25	0.20	0.21	0.54	0.21	0.07	0.22	0.21		0.33	0.08
USA	0.19	0.51	0.14	0.24	0.26	0.38	0.20	0.19	0.99	0.55	0.75	0.59	0.26	0.25	0.87	0.25	0.39	0.26	0.25	0.33		0.38
VNM	0.20	0.14	0.26	0.23	0.14	0.01	0.31	0.20	0.61	0.41	0.38	0.20	0.13	0.14	0.61	0.14	0.00	0.14	0.13	0.08	0.38	

REGIONAL DIGITAL TRADE INTEGRATION INDEX (RDTII)

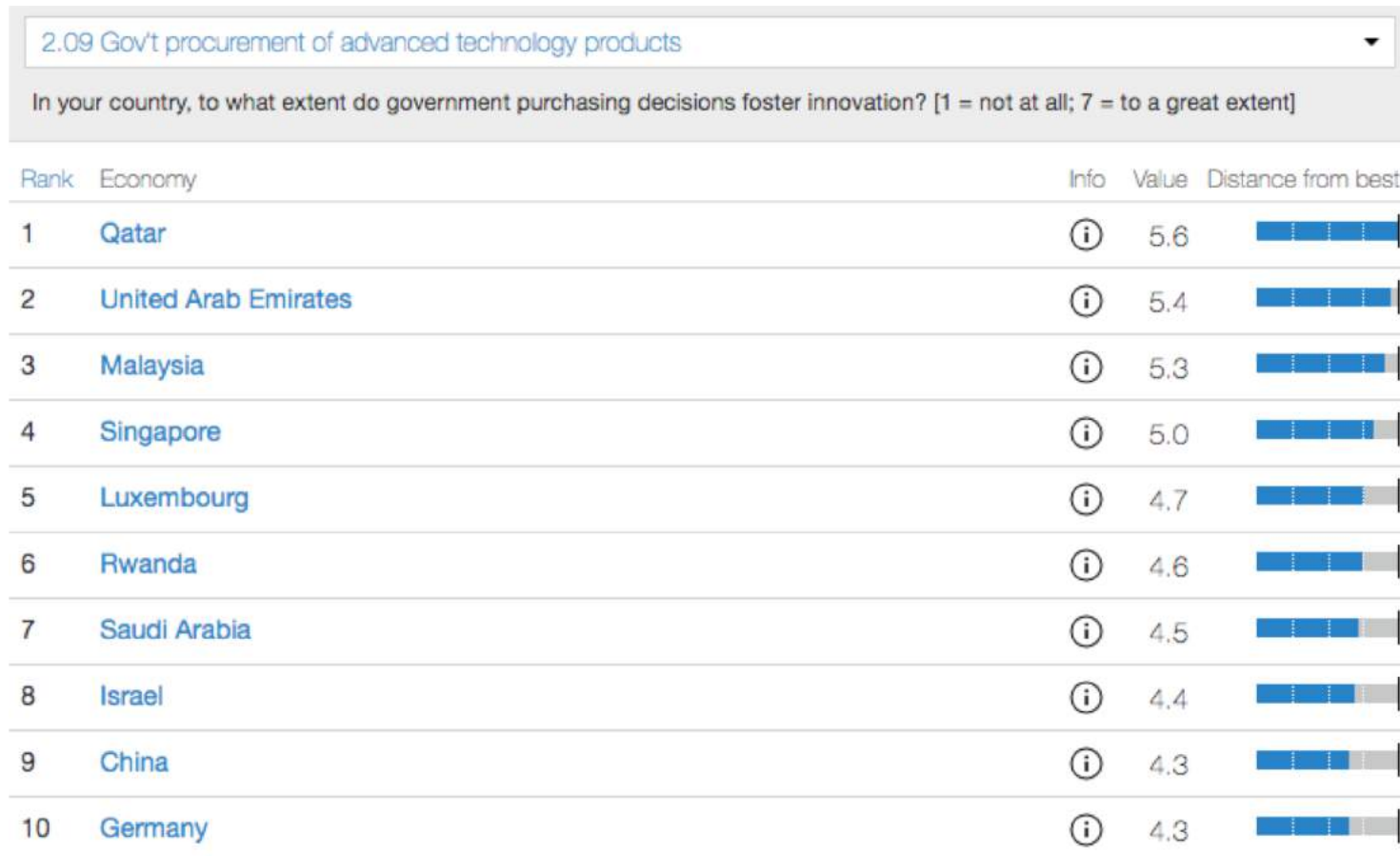
11 PILLARS:

1. Tariffs and trade defence
2. Public procurement
3. Foreign direct investment
4. IPR
5. Telecom infrastructure & Competition
6. Cross-border data policies
7. Domestic data policies
8. Intermediary liability & Content access
9. Quantitative trade restrictions
10. Standards
11. Online sales and transactions

PUBLIC PROCUREMENT

1. Exclusion of foreign firms from public procurement including digital goods and services (30%)
2. Restrictions on source code, encryption and trade secrets (20%)
3. Other restrictive practices (including local content requirements) (20%)
4. Not signatory WTO Agreement on Government Procurement (GPA) (10%)
5. Government procurement of advanced technology products (NRI, Pillar 2.09) (20%)

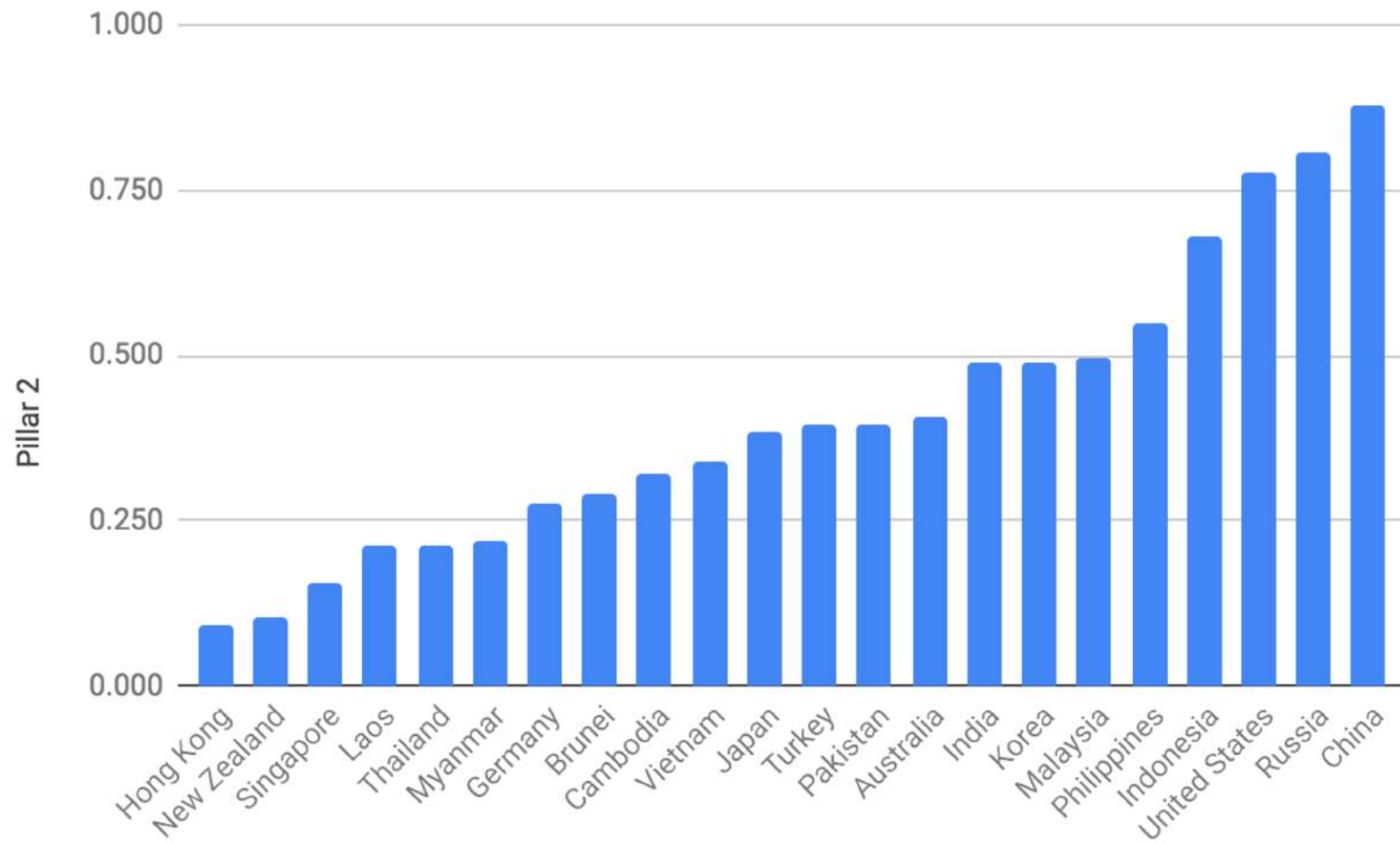
PUBLIC PROCUREMENT



Source: NRI, 2016.

Linear function: $f(x) = 1 - (x/7)$

PUBLIC PROCUREMENT



PUBLIC PROCUREMENT

	AUS	BRN	CHN	DEU	HKG	IDN	IND	JPN	KHM	KOR	LAO	MMR	MYS	NZL	PAK	PHL	RUS	SGP	THA	TUR	USA	VNM
AUS		0.11	0.43	0.13	0.41	0.23	0.12	0.02	0.11	0.12	0.21	0.21	0.16	0.40	0.01	0.11	0.30	0.25	0.21	0.01	0.33	0.32
BRN	0.11		0.51	0.01	0.30	0.31	0.20	0.11	0.03	0.20	0.12	0.13	0.24	0.31	0.11	0.21	0.41	0.13	0.12	0.10	0.41	0.20
CHN	0.43	0.51		0.50	0.81	0.20	0.31	0.41	0.54	0.31	0.63	0.64	0.33	0.83	0.42	0.32	0.13	0.62	0.63	0.42	0.10	0.51
DEU	0.13	0.01	0.50		0.31	0.30	0.21	0.11	0.04	0.21	0.13	0.14	0.23	0.33	0.12	0.22	0.43	0.12	0.13	0.12	0.40	0.21
HKG	0.41	0.30	0.81	0.31		0.61	0.50	0.41	0.33	0.50	0.22	0.23	0.54	0.01	0.41	0.51	0.71	0.23	0.22	0.40	0.71	0.30
IDN	0.23	0.31	0.20	0.30	0.61		0.31	0.20	0.34	0.31	0.43	0.44	0.13	0.63	0.22	0.12	0.13	0.42	0.43	0.21	0.10	0.31
IND	0.12	0.20	0.31	0.21	0.50	0.31		0.11	0.23	0.00	0.32	0.33	0.24	0.52	0.11	0.21	0.22	0.33	0.32	0.11	0.21	0.40
JPN	0.02	0.11	0.41	0.11	0.41	0.20	0.11		0.14	0.11	0.23	0.24	0.13	0.42	0.01	0.12	0.32	0.23	0.23	0.01	0.31	0.31
KHM	0.11	0.03	0.54	0.04	0.33	0.34	0.23	0.14		0.23	0.11	0.10	0.27	0.31	0.12	0.22	0.41	0.16	0.11	0.13	0.44	0.23
KOR	0.12	0.20	0.31	0.21	0.50	0.31	0.00	0.11	0.23		0.32	0.33	0.24	0.52	0.11	0.21	0.22	0.33	0.32	0.11	0.21	0.40
LAO	0.21	0.12	0.63	0.13	0.22	0.43	0.32	0.23	0.11	0.32		0.01	0.36	0.21	0.21	0.31	0.51	0.05	0.00	0.22	0.53	0.12
MMR	0.21	0.13	0.64	0.14	0.23	0.44	0.33	0.24	0.10	0.33	0.01		0.37	0.21	0.22	0.32	0.51	0.06	0.01	0.23	0.54	0.13
MYS	0.16	0.24	0.33	0.23	0.54	0.13	0.24	0.13	0.27	0.24	0.36	0.37		0.56	0.15	0.05	0.26	0.31	0.36	0.15	0.23	0.24
NZL	0.40	0.31	0.83	0.33	0.01	0.63	0.52	0.42	0.31	0.52	0.21	0.21	0.56		0.41	0.51	0.70	0.25	0.21	0.41	0.73	0.32
PAK	0.01	0.11	0.42	0.12	0.41	0.22	0.11	0.01	0.12	0.11	0.21	0.22	0.15	0.41		0.10	0.31	0.24	0.21	0.00	0.32	0.31
PHL	0.11	0.21	0.32	0.22	0.51	0.12	0.21	0.12	0.22	0.21	0.31	0.32	0.05	0.51	0.10		0.21	0.34	0.31	0.11	0.22	0.21
RUS	0.30	0.41	0.13	0.43	0.71	0.13	0.22	0.32	0.41	0.22	0.51	0.51	0.26	0.70	0.31	0.21		0.55	0.51	0.31	0.03	0.42
SGP	0.25	0.13	0.62	0.12	0.23	0.42	0.33	0.23	0.16	0.33	0.05	0.06	0.31	0.25	0.24	0.34	0.55		0.05	0.24	0.52	0.13
THA	0.21	0.12	0.63	0.13	0.22	0.43	0.32	0.23	0.11	0.32	0.00	0.01	0.36	0.21	0.21	0.31	0.51	0.05		0.22	0.53	0.12
TUR	0.01	0.10	0.42	0.12	0.40	0.21	0.11	0.01	0.13	0.11	0.22	0.23	0.15	0.41	0.00	0.11	0.31	0.24	0.22		0.32	0.31
USA	0.33	0.41	0.10	0.40	0.71	0.10	0.21	0.31	0.44	0.21	0.53	0.54	0.23	0.73	0.32	0.22	0.03	0.52	0.53	0.32		0.41
VNM	0.32	0.20	0.51	0.21	0.30	0.31	0.40	0.31	0.23	0.40	0.12	0.13	0.24	0.32	0.31	0.21	0.42	0.13	0.12	0.31	0.41	

REGIONAL DIGITAL TRADE INTEGRATION INDEX (RDTRI)

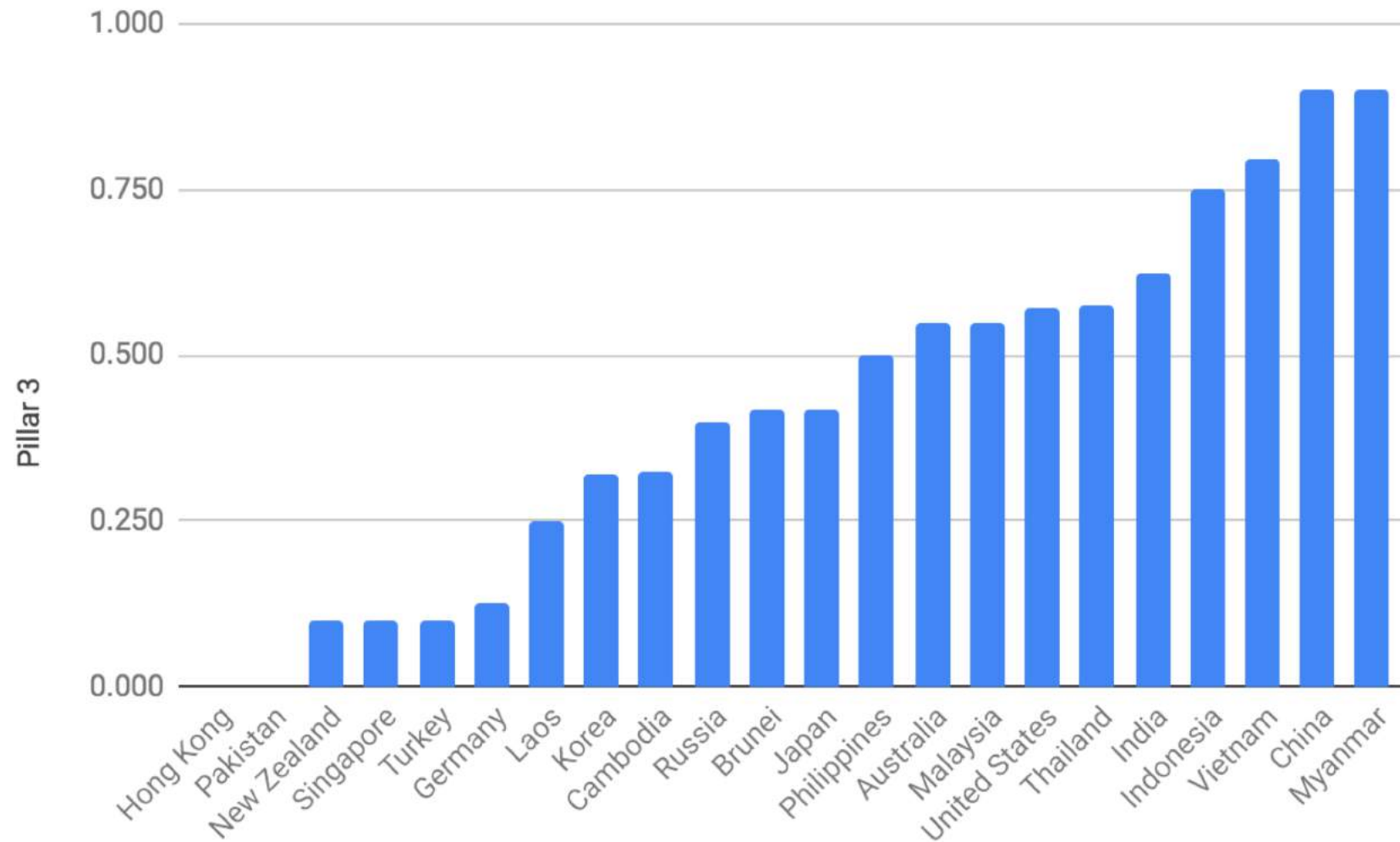
11 PILLARS:

1. Tariffs and trade defence
2. Public procurement
3. Foreign direct investment
4. IPR
5. Telecom infrastructure & Competition
6. Cross-border data policies
7. Domestic data policies
8. Intermediary liability & Content access
9. Quantitative trade restrictions
10. Standards
11. Online sales and transactions

FOREIGN DIRECT INVESTMENT

1. Maximum foreign equity share (40%)
2. Joint-venture requirement (25%)
3. Restrictions on board of directors and managers (10%)
4. Screening of investment and acquisitions (25%)

FOREIGN DIRECT INVESTMENT



FOREIGN DIRECT INVESTMENT

	AUS	BRN	CHN	DEU	HKG	IDN	IND	JPN	KHM	KOR	LAO	MMR	MYS	NZL	PAK	PHL	RUS	SGP	THA	TUR	USA	VNM
AUS		0.33	0.63	0.50	0.63	0.63	0.25	0.33	0.38	0.58	0.88	0.63	0.50	0.38	0.63	0.38	0.63	0.38	0.30	0.38	0.33	0.45
BRN	0.33		0.80	0.58	0.45	0.30	0.18	0.00	0.45	0.25	0.70	0.80	0.33	0.20	0.45	0.05	0.30	0.20	0.13	0.20	0.50	0.38
CHN	0.63	0.80		0.63	0.75	0.50	0.63	0.80	0.50	0.55	0.50	0.00	0.63	1.00	0.75	0.75	0.50	1.00	0.68	1.00	0.30	0.43
DEU	0.50	0.58	0.63		0.13	0.88	0.50	0.58	0.13	0.33	0.38	0.63	0.75	0.38	0.13	0.63	0.38	0.38	0.55	0.38	0.33	0.70
HKG	0.63	0.45	0.75	0.13		0.75	0.63	0.45	0.25	0.20	0.25	0.75	0.63	0.25	0.00	0.50	0.25	0.25	0.58	0.25	0.45	0.83
IDN	0.63	0.30	0.50	0.88	0.75		0.38	0.30	0.75	0.55	0.50	0.50	0.13	0.50	0.75	0.25	0.50	0.50	0.33	0.50	0.80	0.18
IND	0.25	0.18	0.63	0.50	0.63	0.38		0.18	0.38	0.43	0.88	0.63	0.50	0.38	0.63	0.13	0.38	0.38	0.05	0.38	0.43	0.30
JPN	0.33	0.00	0.80	0.58	0.45	0.30	0.18		0.45	0.25	0.70	0.80	0.33	0.20	0.45	0.05	0.30	0.20	0.13	0.20	0.50	0.38
KHM	0.38	0.45	0.50	0.13	0.25	0.75	0.38	0.45		0.20	0.50	0.50	0.63	0.50	0.25	0.50	0.25	0.50	0.43	0.50	0.20	0.58
KOR	0.58	0.25	0.55	0.33	0.20	0.55	0.43	0.25	0.20		0.45	0.55	0.58	0.45	0.20	0.30	0.05	0.45	0.38	0.45	0.25	0.63
LAO	0.88	0.70	0.50	0.38	0.25	0.50	0.88	0.70	0.50	0.45		0.50	0.38	0.50	0.25	0.75	0.50	0.50	0.83	0.50	0.70	0.58
MMR	0.63	0.80	0.00	0.63	0.75	0.50	0.63	0.80	0.50	0.55	0.50		0.63	1.00	0.75	0.75	0.50	1.00	0.68	1.00	0.30	0.43
MYS	0.50	0.33	0.63	0.75	0.63	0.13	0.50	0.33	0.63	0.58	0.38	0.63		0.38	0.63	0.38	0.63	0.38	0.45	0.38	0.83	0.20
NZL	0.38	0.20	1.00	0.38	0.25	0.50	0.38	0.20	0.50	0.45	0.50	1.00	0.38		0.25	0.25	0.50	0.00	0.33	0.00	0.70	0.58
PAK	0.63	0.45	0.75	0.13	0.00	0.75	0.63	0.45	0.25	0.20	0.25	0.75	0.63	0.25		0.50	0.25	0.25	0.58	0.25	0.45	0.83
PHL	0.38	0.05	0.75	0.63	0.50	0.25	0.13	0.05	0.50	0.30	0.75	0.75	0.38	0.25	0.50		0.25	0.25	0.08	0.25	0.55	0.43
RUS	0.63	0.30	0.50	0.38	0.25	0.50	0.38	0.30	0.25	0.05	0.50	0.50	0.63	0.50	0.25	0.25		0.50	0.33	0.50	0.30	0.68
SGP	0.38	0.20	1.00	0.38	0.25	0.50	0.38	0.20	0.50	0.45	0.50	1.00	0.38	0.00	0.25	0.25	0.50		0.33	0.00	0.70	0.58
THA	0.30	0.13	0.68	0.55	0.58	0.33	0.05	0.13	0.43	0.38	0.83	0.68	0.45	0.33	0.58	0.08	0.33	0.33		0.33	0.48	0.35
TUR	0.38	0.20	1.00	0.38	0.25	0.50	0.38	0.20	0.50	0.45	0.50	1.00	0.38	0.00	0.25	0.25	0.50	0.00	0.33		0.70	0.58
USA	0.33	0.50	0.30	0.33	0.45	0.80	0.43	0.50	0.20	0.25	0.70	0.30	0.83	0.70	0.45	0.55	0.30	0.70	0.48	0.70		0.63
VNM	0.45	0.38	0.43	0.70	0.83	0.18	0.30	0.38	0.58	0.63	0.58	0.43	0.20	0.58	0.83	0.43	0.68	0.58	0.35	0.58	0.63	

REGIONAL DIGITAL TRADE INTEGRATION INDEX (RDTII)

11 PILLARS:

1. Tariffs and trade defence
2. Public procurement
3. Foreign direct investment
4. IPR
5. Telecom infrastructure & Competition
6. Cross-border data policies
7. Domestic data policies
8. Intermediary liability & Content access
9. Quantitative trade restrictions
10. Standards
11. Online sales and transactions

INTELLECTUAL PROPERTY RIGHTS

1. Restriction on application process for patents (20%)
2. Lack of clear copyright exceptions (20%)
3. Inadequate enforcement of copyright (20%)
4. Mandatory disclosure of trade secrets such as source code (20%)
5. IPR environment (NRI, Pillar 1.06) (20%)

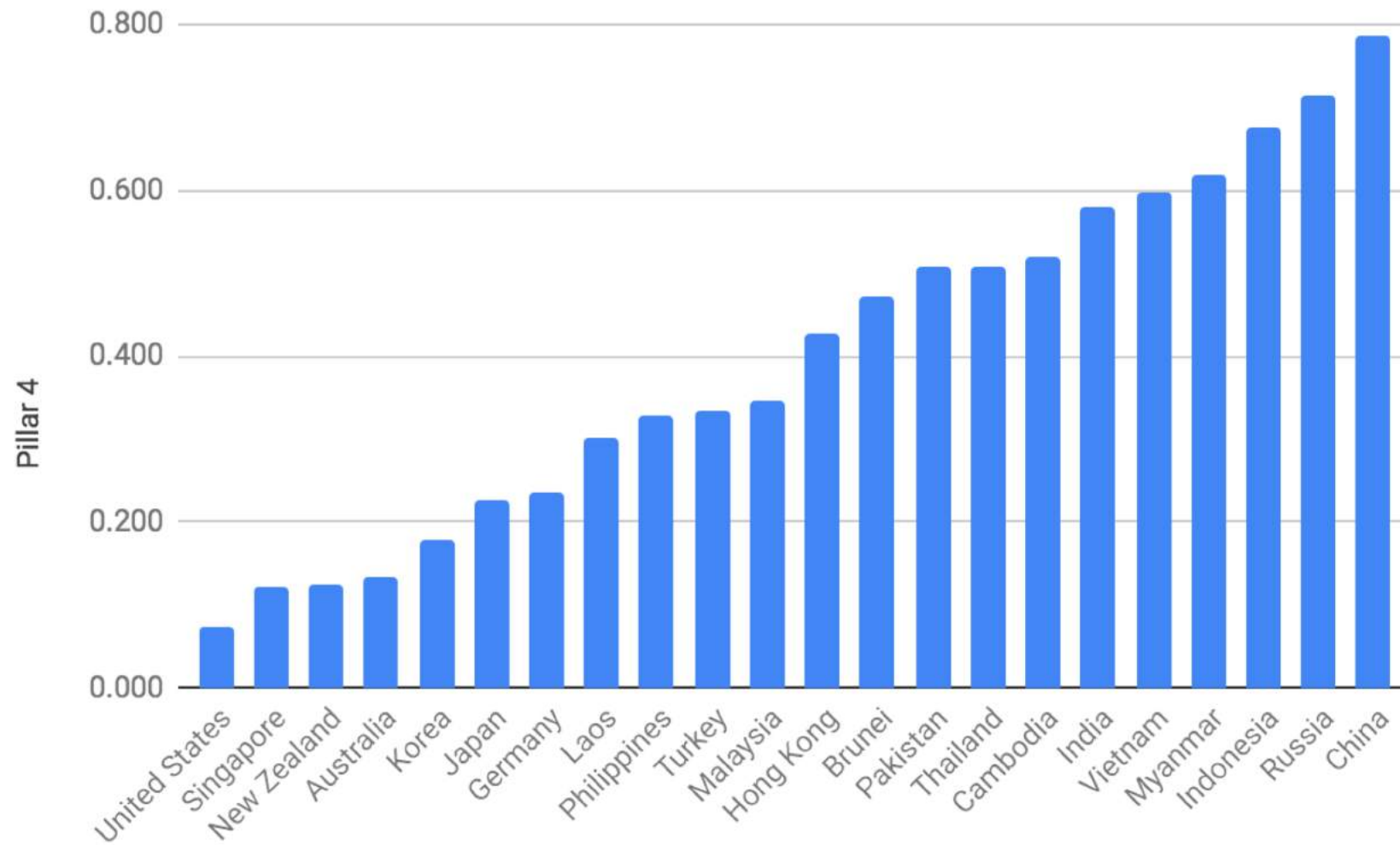
INTELLECTUAL PROPERTY RIGHTS

1.06 Intellectual property protection				
Response to the survey question "In your country, to what extent is intellectual property protected?" [1 = not at all; 7 = to a great extent]				
Rank	Economy	Info	Value	Distance from best
1	Finland	i	6.3	
2	Luxembourg	i	6.3	
3	Switzerland	i	6.2	
4	Singapore	i	6.2	
5	New Zealand	i	6.1	
6	Japan	i	6.1	
7	United Kingdom	i	6.0	
8	Netherlands	i	6.0	
9	Hong Kong SAR	i	6.0	
10	Ireland	i	5.9	

Source: NRI, 2016.

Linear function: $f(x) = 1 - (x/7)$

INTELLECTUAL PROPERTY RIGHTS



INTELLECTUAL PROPERTY RIGHTS

	AUS	BRN	CHN	DEU	HKG	IDN	IND	JPN	KHM	KOR	LAO	MMR	MYS	NZL	PAK	PHL	RUS	SGP	THA	TUR	USA	VNM
AUS		0.34	0.65	0.10	0.31	0.54	0.45	0.11	0.59	0.25	0.37	0.49	0.21	0.01	0.37	0.31	0.58	0.01	0.37	0.32	0.06	0.46
BRN	0.34		0.31	0.44	0.04	0.20	0.11	0.25	0.25	0.31	0.23	0.15	0.13	0.35	0.04	0.18	0.24	0.35	0.04	0.18	0.40	0.12
CHN	0.65	0.31		0.75	0.36	0.11	0.21	0.56	0.33	0.61	0.52	0.23	0.44	0.66	0.32	0.46	0.13	0.66	0.32	0.47	0.71	0.41
DEU	0.10	0.44	0.75		0.41	0.64	0.54	0.21	0.68	0.34	0.47	0.58	0.31	0.11	0.47	0.41	0.68	0.11	0.47	0.42	0.16	0.36
HKG	0.31	0.04	0.36	0.41		0.25	0.15	0.20	0.29	0.35	0.27	0.19	0.12	0.30	0.08	0.22	0.29	0.31	0.08	0.23	0.37	0.17
IDN	0.54	0.20	0.11	0.64	0.25		0.10	0.45	0.24	0.50	0.43	0.14	0.33	0.55	0.23	0.37	0.24	0.55	0.23	0.38	0.60	0.32
IND	0.45	0.11	0.21	0.54	0.15	0.10		0.35	0.14	0.40	0.32	0.04	0.23	0.45	0.13	0.27	0.33	0.46	0.13	0.27	0.51	0.22
JPN	0.11	0.25	0.56	0.21	0.20	0.45	0.35		0.49	0.15	0.48	0.39	0.32	0.10	0.28	0.42	0.49	0.10	0.28	0.43	0.17	0.37
KHM	0.59	0.25	0.33	0.68	0.29	0.24	0.14	0.49		0.34	0.22	0.10	0.37	0.59	0.21	0.27	0.41	0.60	0.21	0.27	0.53	0.32
KOR	0.25	0.31	0.61	0.34	0.35	0.50	0.40	0.15	0.34		0.32	0.44	0.43	0.25	0.33	0.35	0.53	0.26	0.33	0.35	0.19	0.42
LAO	0.37	0.23	0.52	0.47	0.27	0.43	0.32	0.48	0.22	0.32		0.32	0.16	0.38	0.21	0.05	0.41	0.38	0.21	0.05	0.31	0.31
MMR	0.49	0.15	0.23	0.58	0.19	0.14	0.04	0.39	0.10	0.44	0.32		0.27	0.49	0.11	0.29	0.31	0.50	0.11	0.29	0.55	0.22
MYS	0.21	0.13	0.44	0.31	0.12	0.33	0.23	0.32	0.37	0.43	0.16	0.27		0.22	0.16	0.10	0.37	0.22	0.16	0.11	0.27	0.25
NZL	0.01	0.35	0.66	0.11	0.30	0.55	0.45	0.10	0.59	0.25	0.38	0.49	0.22		0.38	0.32	0.59	0.00	0.38	0.33	0.07	0.47
PAK	0.37	0.04	0.32	0.47	0.08	0.23	0.13	0.28	0.21	0.33	0.21	0.11	0.16	0.38		0.18	0.21	0.39	0.00	0.17	0.43	0.11
PHL	0.31	0.18	0.46	0.41	0.22	0.37	0.27	0.42	0.27	0.35	0.05	0.29	0.10	0.32	0.18		0.39	0.33	0.18	0.01	0.25	0.27
RUS	0.58	0.24	0.13	0.68	0.29	0.24	0.33	0.49	0.41	0.53	0.41	0.31	0.37	0.59	0.21	0.39		0.59	0.21	0.38	0.64	0.32
SGP	0.01	0.35	0.66	0.11	0.31	0.55	0.46	0.10	0.60	0.26	0.38	0.50	0.22	0.00	0.39	0.33	0.59		0.39	0.33	0.07	0.47
THA	0.37	0.04	0.32	0.47	0.08	0.23	0.13	0.28	0.21	0.33	0.21	0.11	0.16	0.38	0.00	0.18	0.21	0.39		0.17	0.43	0.11
TUR	0.32	0.18	0.47	0.42	0.23	0.38	0.27	0.43	0.27	0.35	0.05	0.29	0.11	0.33	0.17	0.01	0.38	0.33	0.17		0.26	0.26
USA	0.06	0.40	0.71	0.16	0.37	0.60	0.51	0.17	0.53	0.19	0.31	0.55	0.27	0.07	0.43	0.25	0.64	0.07	0.43	0.26		0.52
VNM	0.46	0.12	0.41	0.36	0.17	0.32	0.22	0.37	0.32	0.42	0.31	0.22	0.25	0.47	0.11	0.27	0.32	0.47	0.11	0.26	0.52	

REGIONAL DIGITAL TRADE INTEGRATION INDEX (RDTII)

11 PILLARS:

1. Tariffs and trade defence
2. Public procurement
3. Foreign direct investment
4. IPR
5. Telecom infrastructure & Competition
6. Cross-border data policies
7. Domestic data policies
8. Intermediary liability & Content access
9. Quantitative trade restrictions
10. Standards
11. Online sales and transactions

TELECOM INFRASTRUCTURE AND COMPETITION

1. Lack of liberalisation of the telecommunication sector (25%)
2. Anti-competitive practices in the telecommunication sector (25%)
3. Strict licencing requirements (25%)
4. Infrastructure (NRI, Pillar 3) (25%)

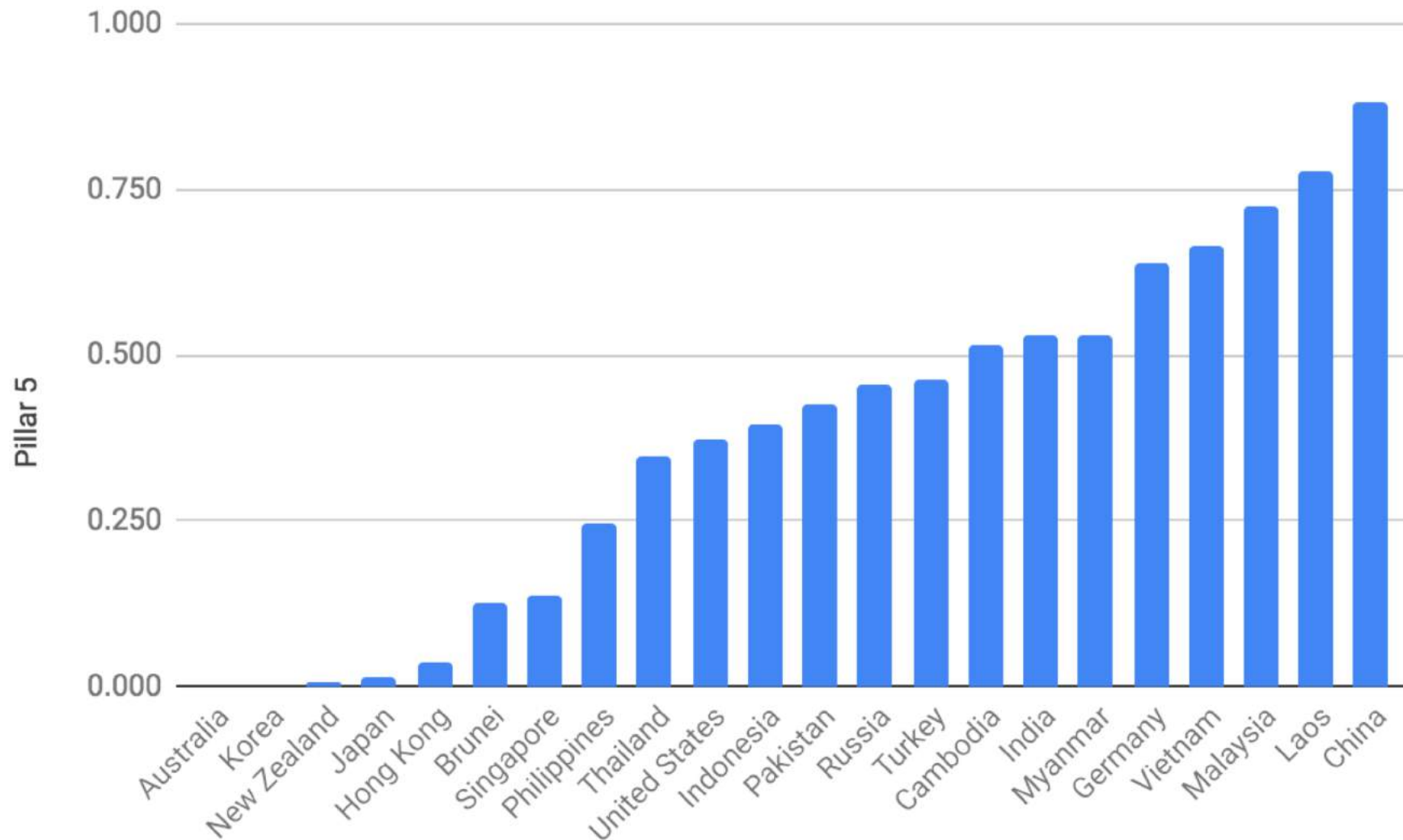
TELECOM INFRASTRUCTURE AND COMPETITION

3rd pillar: Infrastructure and digital content				
The infrastructure and digital content pillar (five variables) captures the development of ICT infrastructure (including the mobile network coverage, International Internet bandwidth, secure internet servers or electricity production) as well as the availability of digital content.				
Rank	Economy	Info	Value	Distance from best
1	Norway	i	7.0	
1	Taiwan, China	i	7.0	
3	Finland	i	7.0	
3	Sweden	i	7.0	
5	Korea, Rep.	i	7.0	
5	United States	i	7.0	
7	Australia	i	7.0	
7	Canada	i	7.0	
7	Iceland	i	7.0	
10	New Zealand	i	6.8	

Source: NRI, 2016.

Linear function: $f(x) = 1 - (x/7)$

TELECOM INFRASTRUCTURE AND COMPETITION



COMPETITION POLICY

	AUS	BRN	CHN	DEU	HKG	IDN	IND	JPN	KHM	KOR	LAO	MMR	MYS	NZL	PAK	PHL	RUS	SGP	THA	TUR	USA	VNM
AUS		0.13	0.88	0.64	0.04	0.40	0.53	0.01	0.51	0.00	0.78	0.53	0.73	0.01	0.43	0.25	0.46	0.14	0.35	0.46	0.38	0.66
BRN	0.13		0.76	0.51	0.16	0.27	0.41	0.14	0.39	0.13	0.65	0.41	0.60	0.13	0.30	0.37	0.33	0.01	0.22	0.59	0.25	0.54
CHN	0.88	0.76		0.24	0.85	0.51	0.40	0.87	0.38	0.88	0.15	0.40	0.16	0.88	0.54	0.64	0.43	0.74	0.54	0.42	0.51	0.28
DEU	0.64	0.51	0.24		0.65	0.51	0.39	0.63	0.38	0.64	0.39	0.39	0.09	0.63	0.54	0.61	0.32	0.50	0.46	0.33	0.26	0.28
HKG	0.04	0.16	0.85	0.65		0.36	0.50	0.02	0.48	0.04	0.74	0.50	0.69	0.03	0.39	0.21	0.42	0.15	0.31	0.43	0.41	0.63
IDN	0.40	0.27	0.51	0.51	0.36		0.39	0.38	0.38	0.40	0.63	0.39	0.42	0.39	0.28	0.40	0.44	0.26	0.30	0.68	0.27	0.52
IND	0.53	0.41	0.40	0.39	0.50	0.39		0.52	0.02	0.53	0.25	0.00	0.31	0.53	0.39	0.54	0.08	0.39	0.44	0.32	0.66	0.13
JPN	0.01	0.14	0.87	0.63	0.02	0.38	0.52		0.50	0.01	0.76	0.52	0.71	0.01	0.41	0.23	0.44	0.13	0.33	0.45	0.39	0.65
KHM	0.51	0.39	0.38	0.38	0.48	0.38	0.02	0.50		0.51	0.26	0.02	0.29	0.51	0.41	0.52	0.06	0.38	0.42	0.30	0.64	0.15
KOR	0.00	0.13	0.88	0.64	0.04	0.40	0.53	0.01	0.51		0.78	0.53	0.73	0.01	0.43	0.25	0.46	0.14	0.35	0.46	0.38	0.66
LAO	0.78	0.65	0.15	0.39	0.74	0.63	0.25	0.76	0.26	0.78		0.25	0.30	0.77	0.40	0.53	0.32	0.64	0.43	0.31	0.65	0.14
MMR	0.53	0.41	0.40	0.39	0.50	0.39	0.00	0.52	0.02	0.53	0.25		0.31	0.53	0.39	0.54	0.08	0.39	0.44	0.32	0.66	0.13
MYS	0.73	0.60	0.16	0.09	0.69	0.42	0.31	0.71	0.29	0.73	0.30	0.31		0.72	0.45	0.52	0.27	0.59	0.38	0.26	0.35	0.19
NZL	0.01	0.13	0.88	0.63	0.03	0.39	0.53	0.01	0.51	0.01	0.77	0.53	0.72		0.42	0.24	0.45	0.13	0.34	0.46	0.38	0.66
PAK	0.43	0.30	0.54	0.54	0.39	0.28	0.39	0.41	0.41	0.43	0.40	0.39	0.45	0.42		0.18	0.47	0.29	0.08	0.46	0.30	0.26
PHL	0.25	0.37	0.64	0.61	0.21	0.40	0.54	0.23	0.52	0.25	0.53	0.54	0.52	0.24	0.18		0.54	0.36	0.15	0.28	0.37	0.42
RUS	0.46	0.33	0.43	0.32	0.42	0.44	0.08	0.44	0.06	0.46	0.32	0.08	0.27	0.45	0.47	0.54		0.32	0.39	0.26	0.58	0.21
SGP	0.14	0.01	0.74	0.50	0.15	0.26	0.39	0.13	0.38	0.14	0.64	0.39	0.59	0.13	0.29	0.36	0.32		0.21	0.58	0.26	0.53
THA	0.35	0.22	0.54	0.46	0.31	0.30	0.44	0.33	0.42	0.35	0.43	0.44	0.38	0.34	0.08	0.15	0.39	0.21		0.38	0.22	0.32
TUR	0.46	0.59	0.42	0.33	0.43	0.68	0.32	0.45	0.30	0.46	0.31	0.32	0.26	0.46	0.46	0.28	0.26	0.58	0.38		0.59	0.20
USA	0.38	0.25	0.51	0.26	0.41	0.27	0.66	0.39	0.64	0.38	0.65	0.66	0.35	0.38	0.30	0.37	0.58	0.26	0.22	0.59		0.54
VNM	0.66	0.54	0.28	0.28	0.63	0.52	0.13	0.65	0.15	0.66	0.14	0.13	0.19	0.66	0.26	0.42	0.21	0.53	0.32	0.20	0.54	

REGIONAL DIGITAL TRADE INTEGRATION INDEX (RDTII)

11 PILLARS:

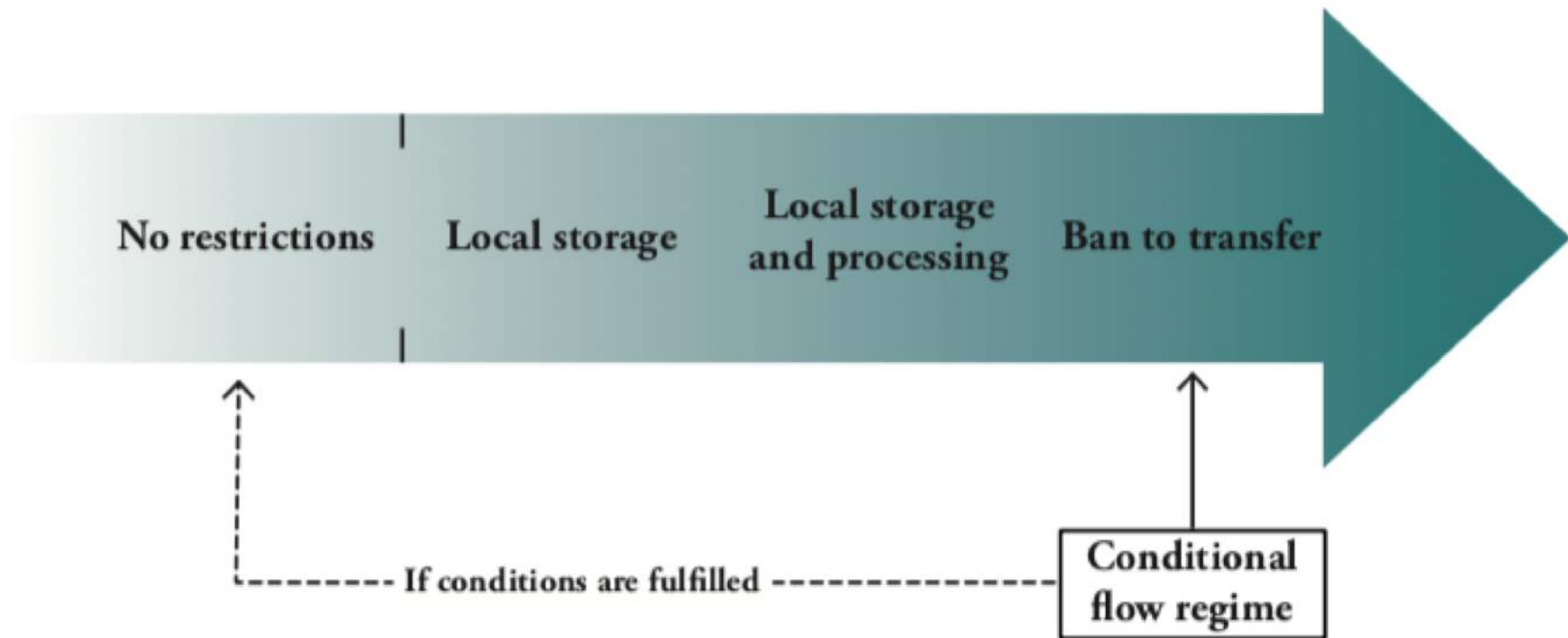
1. Tariffs and trade defence
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8. Intermediary liability & Content access
9. Quantitative trade restrictions
10. Standards
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CROSS-BORDER DATA POLICIES

1. Restrictions on location of data (70%)
2. Conditional flow regime (20%)
3. Signatory APEC Cross-Border Privacy Rules (CBPR) system (10%)

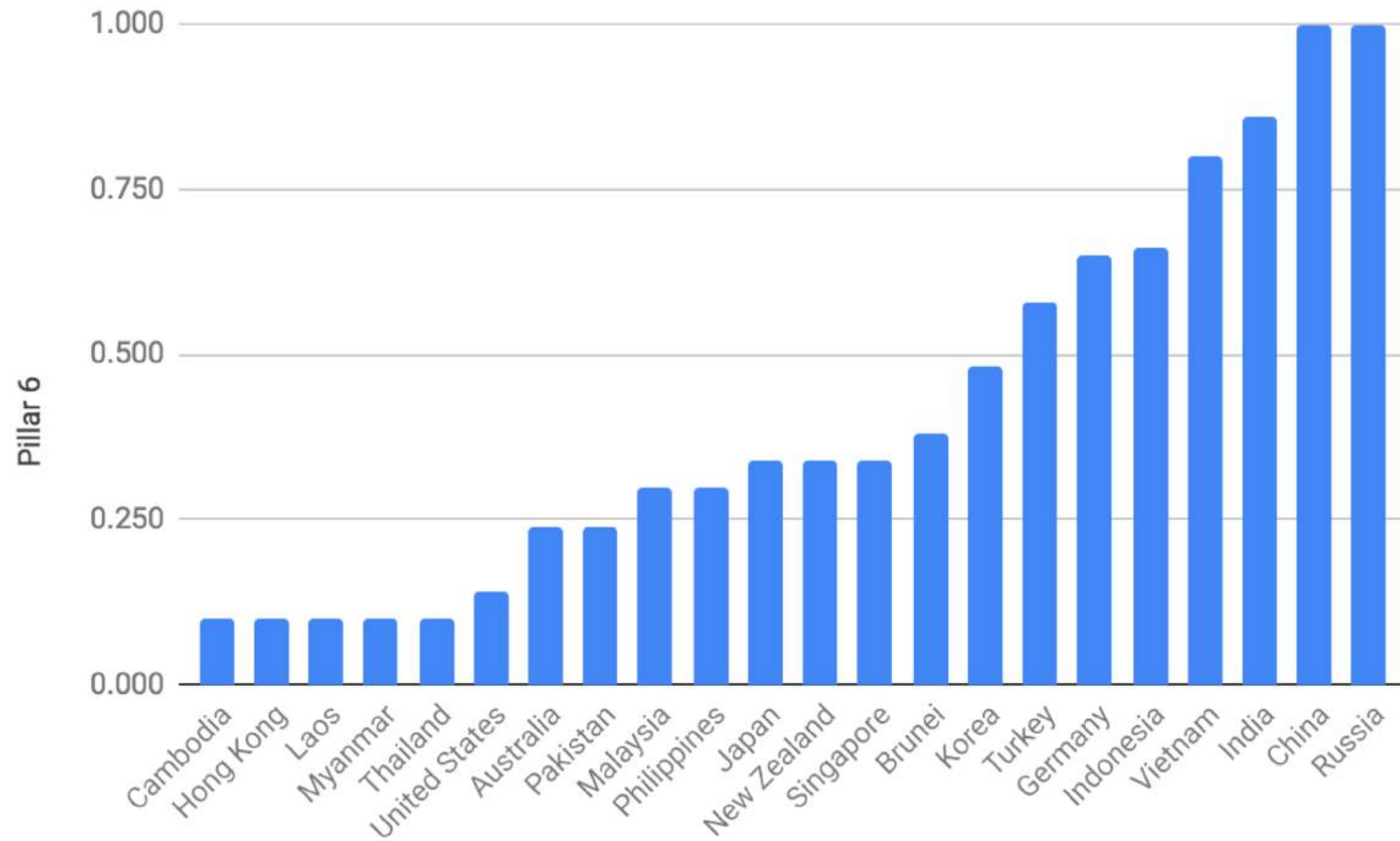
CROSS-BORDER DATA POLICIES

Figure 4.1: Graphical Overview of Data Policies



Source: Ferracane (2017).

CROSS-BORDER DATA POLICIES



CROSS-BORDER DATA POLICIES

	AUS	BRN	CHN	DEU	HKG	IDN	IND	JPN	KHM	KOR	LAO	MMR	MYS	NZL	PAK	PHL	RUS	SGP	THA	TUR	USA	VNM
AUS		0.57	0.77	0.60	0.57	0.70	0.70	0.17	0.57	0.23	0.57	0.57	0.57	0.33	0.50	0.57	0.77	0.17	0.57	0.57	0.17	0.77
BRN	0.57		0.53	0.37	0.13	0.13	0.47	0.73	0.13	0.67	0.13	0.13	0.47	0.23	0.07	0.47	0.53	0.73	0.13	0.33	0.40	0.20
CHN	0.77	0.53		0.17	0.67	0.40	0.07	0.60	0.67	0.53	0.67	0.67	0.33	0.43	0.60	0.33	0.00	0.60	0.67	0.20	0.93	0.33
DEU	0.60	0.37	0.17		0.50	0.43	0.10	0.43	0.50	0.37	0.50	0.50	0.17	0.27	0.43	0.17	0.17	0.43	0.50	0.03	0.77	0.50
HKG	0.57	0.13	0.67	0.50		0.27	0.60	0.73	0.00	0.80	0.00	0.00	0.33	0.23	0.07	0.33	0.67	0.73	0.00	0.47	0.40	0.33
IDN	0.70	0.13	0.40	0.43	0.27		0.33	0.87	0.27	0.80	0.27	0.27	0.60	0.37	0.20	0.60	0.40	0.87	0.27	0.47	0.53	0.07
IND	0.70	0.47	0.07	0.10	0.60	0.33		0.53	0.60	0.47	0.60	0.60	0.27	0.37	0.53	0.27	0.07	0.53	0.60	0.13	0.87	0.40
JPN	0.17	0.73	0.60	0.43	0.73	0.87	0.53		0.73	0.07	0.73	0.73	0.40	0.50	0.67	0.40	0.60	0.00	0.73	0.40	0.33	0.93
KHM	0.57	0.13	0.67	0.50	0.00	0.27	0.60	0.73		0.80	0.00	0.00	0.33	0.23	0.07	0.33	0.67	0.73	0.00	0.47	0.40	0.33
KOR	0.23	0.67	0.53	0.37	0.80	0.80	0.47	0.07	0.80		0.80	0.80	0.47	0.57	0.73	0.47	0.53	0.07	0.80	0.33	0.40	0.87
LAO	0.57	0.13	0.67	0.50	0.00	0.27	0.60	0.73	0.00	0.80		0.00	0.33	0.23	0.07	0.33	0.67	0.73	0.00	0.47	0.40	0.33
MMR	0.57	0.13	0.67	0.50	0.00	0.27	0.60	0.73	0.00	0.80	0.00		0.33	0.23	0.07	0.33	0.67	0.73	0.00	0.47	0.40	0.33
MYS	0.57	0.47	0.33	0.17	0.33	0.60	0.27	0.40	0.33	0.47	0.33	0.33		0.23	0.40	0.00	0.33	0.40	0.33	0.13	0.73	0.67
NZL	0.33	0.23	0.43	0.27	0.23	0.37	0.37	0.50	0.23	0.57	0.23	0.23	0.23		0.17	0.23	0.43	0.50	0.23	0.23	0.50	0.43
PAK	0.50	0.07	0.60	0.43	0.07	0.20	0.53	0.67	0.07	0.73	0.07	0.07	0.40	0.17		0.40	0.60	0.67	0.07	0.40	0.33	0.27
PHL	0.57	0.47	0.33	0.17	0.33	0.60	0.27	0.40	0.33	0.47	0.33	0.33	0.00	0.23	0.40		0.33	0.40	0.33	0.13	0.73	0.67
RUS	0.77	0.53	0.00	0.17	0.67	0.40	0.07	0.60	0.67	0.53	0.67	0.67	0.33	0.43	0.60	0.33		0.60	0.67	0.20	0.93	0.33
SGP	0.17	0.73	0.60	0.43	0.73	0.87	0.53	0.00	0.73	0.07	0.73	0.73	0.40	0.50	0.67	0.40	0.60		0.73	0.40	0.33	0.93
THA	0.57	0.13	0.67	0.50	0.00	0.27	0.60	0.73	0.00	0.80	0.00	0.00	0.33	0.23	0.07	0.33	0.67	0.73		0.47	0.40	0.33
TUR	0.57	0.33	0.20	0.03	0.47	0.47	0.13	0.40	0.47	0.33	0.47	0.47	0.13	0.23	0.40	0.13	0.20	0.40	0.47		0.73	0.53
USA	0.17	0.40	0.93	0.77	0.40	0.53	0.87	0.33	0.40	0.40	0.40	0.40	0.73	0.50	0.33	0.73	0.93	0.33	0.40	0.73		0.60
VNM	0.77	0.20	0.33	0.50	0.33	0.07	0.40	0.93	0.33	0.87	0.33	0.33	0.67	0.43	0.27	0.67	0.33	0.93	0.33	0.53	0.60	

REGIONAL DIGITAL TRADE INTEGRATION INDEX (RDTII)











11 PILLARS:

1. Tariffs and trade defence
2. Public procurement
3. Foreign direct investment
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6. Cross-border data policies
7. Domestic data policies
8. Intermediary liability & Content access
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10. Standards
11. Online sales and transactions

DOMESTIC DATA POLICIES

1. Lack of data protection framework (30%)
2. Data retention requirement (20%)
3. Requirement to appoint a DPO and/or to perform a DPIA (10%)
4. Government access to personal data (20%)
5. Business-to-consumer Internet use (NRI, Pillar 7.5) (20%)

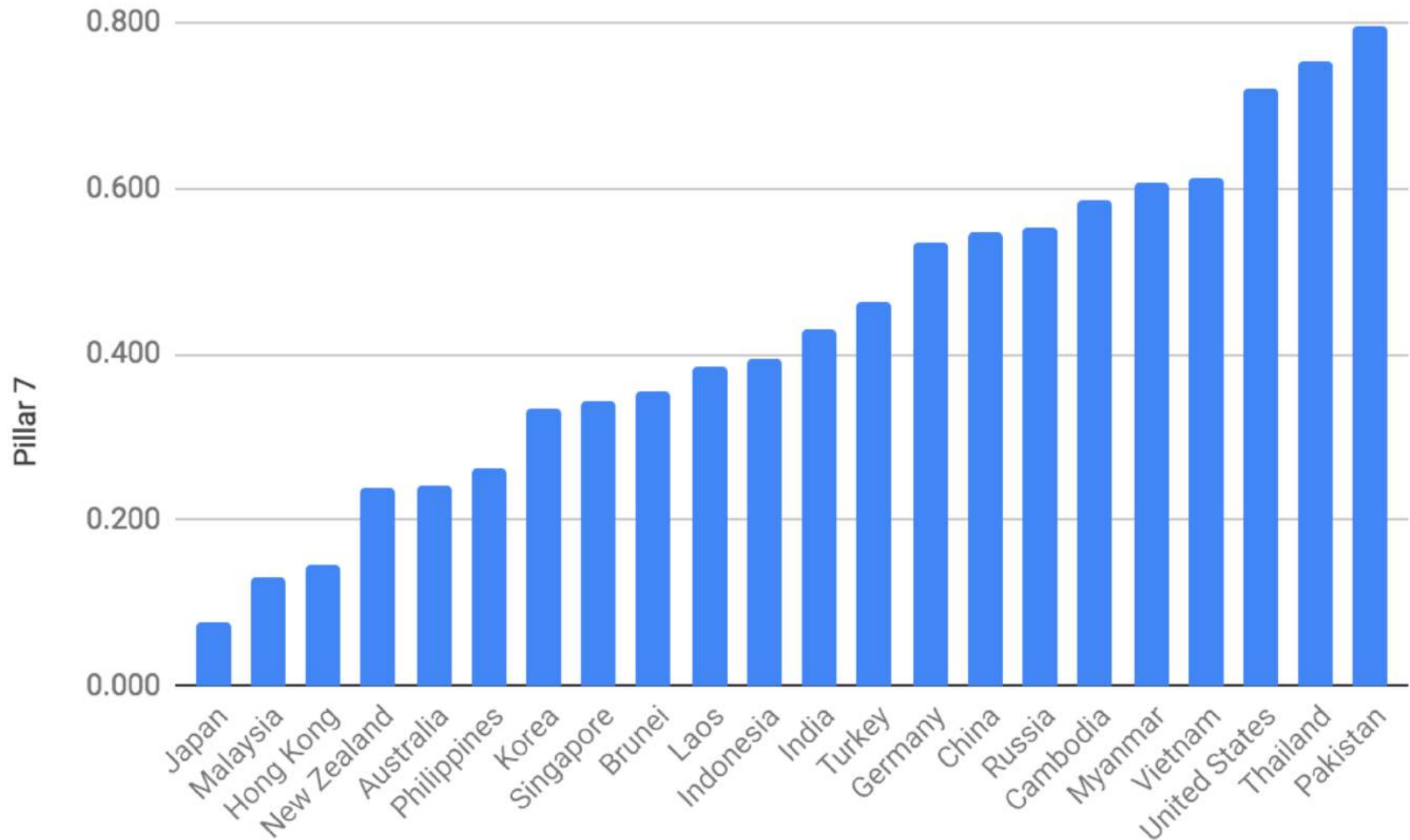
DOMESTIC DATA POLICIES

7.05 Internet use for biz-to-consumer transactions				
In your country, to what extent do businesses use the Internet for selling their goods and services to consumers? (1 = not at all, 7 = to a great extent)				
Rank	Economy	Info	Value	Distance from best
1	United Kingdom	i	6.4	
2	United States	i	6.3	
3	Netherlands	i	6.0	
4	Sweden	i	6.0	
5	Japan	i	6.0	
6	Malaysia	i	5.9	
7	Lithuania	i	5.8	
8	Norway	i	5.8	
9	Estonia	i	5.8	
10	Korea, Rep.	i	5.8	

Source: NRI, 2016.

Linear function: $f(x) = 1 - (x/7)$

DOMESTIC DATA POLICIES



DOMESTIC DATA POLICIES

	AUS	BRN	CHN	DEU	HKG	IDN	IND	JPN	KHM	KOR	LAO	MMR	MYS	NZL	PAK	PHL	RUS	SGP	THA	TUR	USA	VNM
AUS		0.41	0.41	0.41	0.40	0.10	0.14	0.31	0.64	0.21	0.44	0.66	0.11	0.30	0.45	0.32	0.41	0.20	0.41	0.22	0.42	0.32
BRN	0.41		0.81	0.82	0.41	0.31	0.32	0.33	0.23	0.62	0.03	0.25	0.32	0.52	0.44	0.51	0.80	0.61	0.40	0.61	0.44	0.51
CHN	0.41	0.81		0.01	0.40	0.50	0.53	0.52	0.64	0.21	0.84	0.66	0.52	0.31	0.45	0.31	0.01	0.21	0.41	0.21	0.43	0.31
DEU	0.41	0.82	0.01		0.41	0.51	0.55	0.51	0.65	0.20	0.85	0.67	0.50	0.31	0.46	0.33	0.02	0.21	0.42	0.23	0.41	0.33
HKG	0.40	0.41	0.40	0.41		0.50	0.53	0.12	0.64	0.21	0.44	0.66	0.31	0.11	0.85	0.12	0.41	0.20	0.81	0.62	0.83	0.72
IDN	0.10	0.31	0.50	0.51	0.50		0.03	0.42	0.54	0.31	0.34	0.56	0.21	0.41	0.35	0.42	0.51	0.30	0.31	0.32	0.33	0.22
IND	0.14	0.32	0.53	0.55	0.53	0.03		0.45	0.51	0.35	0.31	0.53	0.25	0.44	0.31	0.42	0.53	0.34	0.33	0.32	0.36	0.22
JPN	0.31	0.33	0.52	0.51	0.12	0.42	0.45		0.56	0.31	0.36	0.58	0.20	0.21	0.77	0.23	0.53	0.31	0.73	0.53	0.71	0.63
KHM	0.64	0.23	0.64	0.65	0.64	0.54	0.51	0.56		0.85	0.20	0.02	0.55	0.75	0.21	0.72	0.63	0.84	0.23	0.42	0.27	0.32
KOR	0.21	0.62	0.21	0.20	0.21	0.31	0.35	0.31	0.85		0.65	0.87	0.30	0.11	0.66	0.13	0.22	0.01	0.62	0.43	0.61	0.53
LAO	0.44	0.03	0.84	0.85	0.44	0.34	0.31	0.36	0.20	0.65		0.22	0.35	0.55	0.41	0.52	0.83	0.64	0.43	0.62	0.47	0.52
MMR	0.66	0.25	0.66	0.67	0.66	0.56	0.53	0.58	0.02	0.87	0.22		0.57	0.77	0.21	0.74	0.65	0.86	0.25	0.44	0.29	0.34
MYS	0.11	0.32	0.52	0.50	0.31	0.21	0.25	0.20	0.55	0.30	0.35	0.57		0.21	0.56	0.23	0.52	0.31	0.52	0.33	0.51	0.43
NZL	0.30	0.52	0.31	0.31	0.11	0.41	0.44	0.21	0.75	0.11	0.55	0.77	0.21		0.75	0.02	0.31	0.10	0.71	0.52	0.72	0.62
PAK	0.45	0.44	0.45	0.46	0.85	0.35	0.31	0.77	0.21	0.66	0.41	0.21	0.56	0.75		0.73	0.44	0.65	0.04	0.23	0.07	0.13
PHL	0.32	0.51	0.31	0.33	0.12	0.42	0.42	0.23	0.72	0.13	0.52	0.74	0.23	0.02	0.73		0.31	0.12	0.71	0.50	0.74	0.60
RUS	0.41	0.80	0.01	0.02	0.41	0.51	0.53	0.53	0.63	0.22	0.83	0.65	0.52	0.31	0.44	0.31		0.21	0.40	0.21	0.43	0.31
SGP	0.20	0.61	0.21	0.21	0.20	0.30	0.34	0.31	0.84	0.01	0.64	0.86	0.31	0.10	0.65	0.12	0.21		0.61	0.42	0.62	0.52
THA	0.41	0.40	0.41	0.42	0.81	0.31	0.33	0.73	0.23	0.62	0.43	0.25	0.52	0.71	0.04	0.71	0.40	0.61		0.21	0.03	0.11
TUR	0.22	0.61	0.21	0.23	0.62	0.32	0.32	0.53	0.42	0.43	0.62	0.44	0.33	0.52	0.23	0.50	0.21	0.42	0.21		0.24	0.10
USA	0.42	0.44	0.43	0.41	0.83	0.33	0.36	0.71	0.27	0.61	0.47	0.29	0.51	0.72	0.07	0.74	0.43	0.62	0.03	0.24		0.14
VNM	0.32	0.51	0.31	0.33	0.72	0.22	0.22	0.63	0.32	0.53	0.52	0.34	0.43	0.62	0.13	0.60	0.31	0.52	0.11	0.10	0.14	

REGIONAL DIGITAL TRADE INTEGRATION INDEX (RDTII)

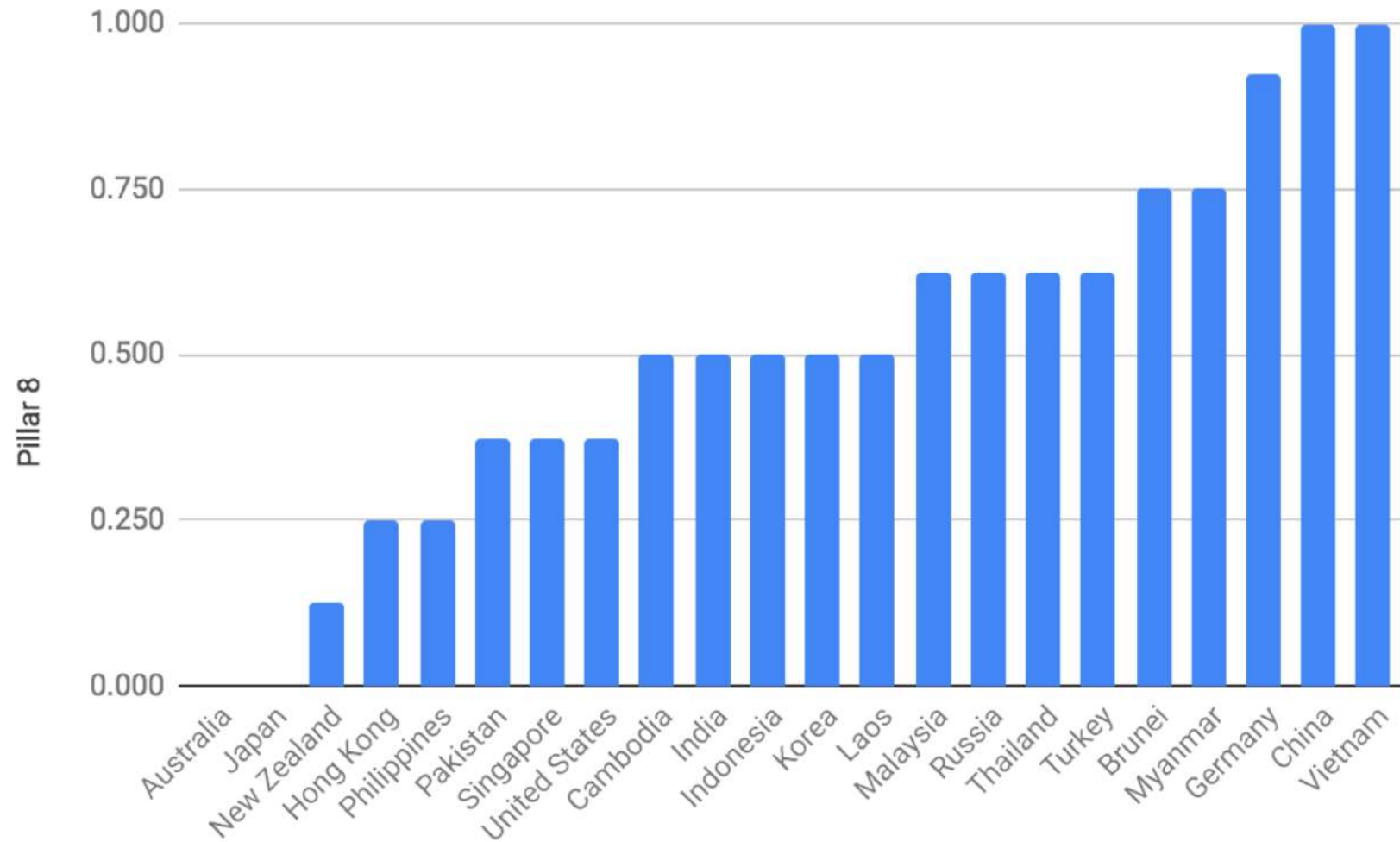
11 PILLARS:

1. Tariffs and trade defence
2. Public procurement
3. Foreign direct investment
4. IPR
5. Telecom infrastructure & Competition
6. Cross-border data policies
7. Domestic data policies
8. Intermediary liability & Content access
9. Quantitative trade restrictions
10. Standards
11. Online sales and transactions

INTERMEDIARY LIABILITY & CONTENT ACCESS

1. Lack of safe harbour for intermediaries (25%)
2. User identity requirements or other monitoring requirements (25%)
3. Blocking or filtering of web content (25%)
4. Discriminatory use of license schemes (25%)

INTERMEDIARY LIABILITY & CONTENT ACCESS



INTERMEDIARY LIABILITY & CONTENT ACCESS

	AUS	BRN	CHN	DEU	HKG	IDN	IND	JPN	KHM	KOR	LAO	MMR	MYS	NZL	PAK	PHL	RUS	SGP	THA	TUR	USA	VNM
AUS		0.75	1.00	0.93	0.25	0.50	0.50	0.00	0.50	0.50	0.50	0.75	0.63	0.13	0.38	0.25	0.63	0.38	0.63	0.63	0.38	1.00
BRN	0.75		0.25	0.18	0.50	0.50	0.50	0.75	0.50	0.25	0.25	0.25	0.63	0.63	0.63	0.75	0.38	0.63	0.38	0.38	0.63	0.25
CHN	1.00	0.25		0.08	0.75	0.50	0.50	1.00	0.50	0.50	0.50	0.25	0.38	0.88	0.63	0.75	0.38	0.63	0.38	0.38	0.63	0.00
DEU	0.93	0.18	0.08		0.68	0.58	0.58	0.93	0.43	0.43	0.43	0.18	0.45	0.80	0.70	0.68	0.45	0.55	0.45	0.45	0.55	0.08
HKG	0.25	0.50	0.75	0.68		0.25	0.75	0.25	0.25	0.50	0.25	0.50	0.63	0.13	0.63	0.50	0.63	0.63	0.38	0.38	0.38	0.75
IDN	0.50	0.50	0.50	0.58	0.25		0.50	0.50	0.50	0.50	0.50	0.75	0.38	0.38	0.38	0.75	0.38	0.63	0.13	0.13	0.63	0.50
IND	0.50	0.50	0.50	0.58	0.75	0.50		0.50	1.00	0.25	0.50	0.75	0.63	0.63	0.38	0.75	0.13	0.63	0.63	0.63	0.88	0.50
JPN	0.00	0.75	1.00	0.93	0.25	0.50	0.50		0.50	0.50	0.50	0.75	0.63	0.13	0.38	0.25	0.63	0.38	0.63	0.63	0.38	1.00
KHM	0.50	0.50	0.50	0.43	0.25	0.50	1.00	0.50		0.75	0.50	0.25	0.38	0.38	0.63	0.25	0.88	0.38	0.38	0.38	0.13	0.50
KOR	0.50	0.25	0.50	0.43	0.50	0.50	0.25	0.50	0.75		0.25	0.50	0.63	0.38	0.63	0.75	0.13	0.63	0.63	0.63	0.63	0.50
LAO	0.50	0.25	0.50	0.43	0.25	0.50	0.50	0.50	0.50	0.25		0.25	0.88	0.38	0.88	0.75	0.38	0.88	0.63	0.63	0.63	0.50
MMR	0.75	0.25	0.25	0.18	0.50	0.75	0.75	0.75	0.25	0.50	0.25		0.63	0.63	0.88	0.50	0.63	0.63	0.63	0.63	0.38	0.25
MYS	0.63	0.63	0.38	0.45	0.63	0.38	0.63	0.63	0.38	0.63	0.88	0.63		0.50	0.25	0.38	0.50	0.25	0.25	0.25	0.25	0.38
NZL	0.13	0.63	0.88	0.80	0.13	0.38	0.63	0.13	0.38	0.38	0.38	0.63	0.50		0.50	0.38	0.50	0.50	0.50	0.50	0.25	0.88
PAK	0.38	0.63	0.63	0.70	0.63	0.38	0.38	0.38	0.63	0.63	0.88	0.88	0.25	0.50		0.38	0.50	0.25	0.25	0.25	0.50	0.63
PHL	0.25	0.75	0.75	0.68	0.50	0.75	0.75	0.25	0.25	0.75	0.75	0.50	0.38	0.38	0.38		0.88	0.13	0.63	0.63	0.13	0.75
RUS	0.63	0.38	0.38	0.45	0.63	0.38	0.13	0.63	0.88	0.13	0.38	0.63	0.50	0.50	0.50	0.88		0.75	0.50	0.50	0.75	0.38
SGP	0.38	0.63	0.63	0.55	0.63	0.63	0.63	0.38	0.38	0.63	0.88	0.63	0.25	0.50	0.25	0.13	0.75		0.50	0.50	0.25	0.63
THA	0.63	0.38	0.38	0.45	0.38	0.13	0.63	0.63	0.38	0.63	0.63	0.63	0.25	0.50	0.25	0.63	0.50	0.50		0.00	0.50	0.38
TUR	0.63	0.38	0.38	0.45	0.38	0.13	0.63	0.63	0.38	0.63	0.63	0.63	0.25	0.50	0.25	0.63	0.50	0.50	0.00		0.50	0.38
USA	0.38	0.63	0.63	0.55	0.38	0.63	0.88	0.38	0.13	0.63	0.63	0.38	0.25	0.25	0.50	0.13	0.75	0.25	0.50	0.50		0.63
VNM	1.00	0.25	0.00	0.08	0.75	0.50	0.50	1.00	0.50	0.50	0.50	0.25	0.38	0.88	0.63	0.75	0.38	0.63	0.38	0.38	0.63	

REGIONAL DIGITAL TRADE INTEGRATION INDEX (RDTII)

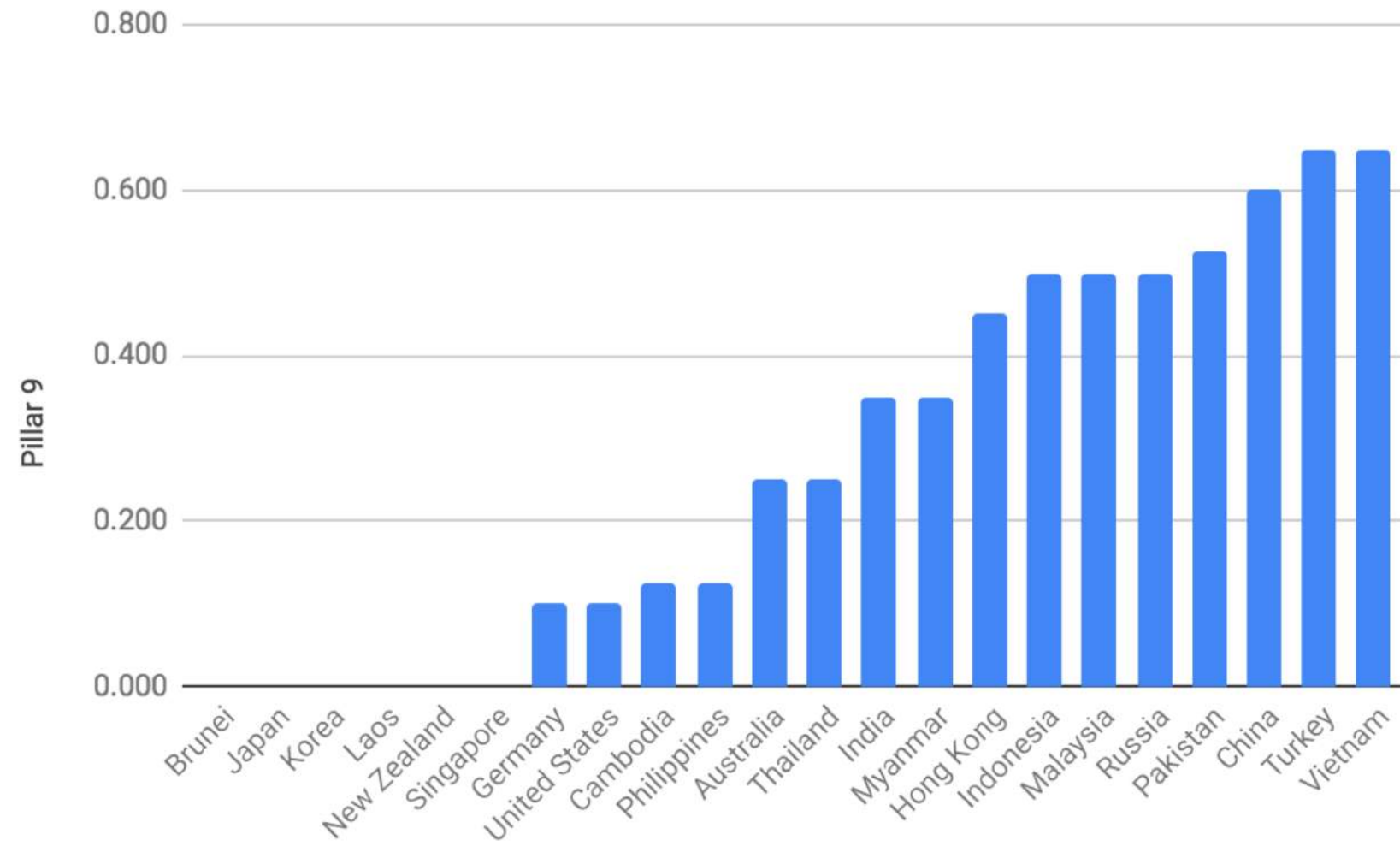
11 PILLARS:

1. Tariffs and trade defence
2. Public procurement
3. Foreign direct investment
4. IPR
5. Telecom infrastructure & Competition
6. Cross-border data policies
7. Domestic data policies
8. Intermediary liability & Content access
9. Quantitative trade restrictions
10. Standards
11. Online sales and transactions

QUANTITATIVE TRADE RESTRICTIONS

1. Import ban applied to digital goods (40%)
2. Other import restrictions on digital goods (25%)
3. Local content requirements for commercial market (25%)
4. Export restrictions on digital goods (10%)

QUANTITATIVE TRADE RESTRICTIONS



QUANTITATIVE TRADE RESTRICTIONS

	AUS	BRN	CHN	DEU	HKG	IDN	IND	JPN	KHM	KOR	LAO	MMR	MYS	NZL	PAK	PHL	RUS	SGP	THA	TUR	USA	VNM
AUS		0.25	0.50	0.50	0.63	0.25	0.75	0.25	0.38	0.25	0.25	0.75	0.25	0.25	0.63	0.38	0.25	0.25	0.50	0.75	0.50	0.75
BRN	0.25		0.75	0.25	0.38	0.50	0.50	0.00	0.13	0.00	0.00	0.50	0.50	0.00	0.38	0.13	0.50	0.00	0.25	0.50	0.25	0.50
CHN	0.50	0.75		0.50	0.63	0.25	0.25	0.75	0.63	0.75	0.75	0.25	0.25	0.75	0.88	0.63	0.25	0.75	0.50	0.75	0.50	0.75
DEU	0.50	0.25	0.50		0.63	0.75	0.25	0.25	0.38	0.25	0.25	0.25	0.75	0.25	0.63	0.38	0.75	0.25	0.50	0.75	0.00	0.75
HKG	0.63	0.38	0.63	0.63		0.38	0.38	0.38	0.25	0.38	0.38	0.38	0.38	0.38	0.25	0.25	0.38	0.38	0.13	0.13	0.63	0.13
IDN	0.25	0.50	0.25	0.75	0.38		0.50	0.50	0.38	0.50	0.50	0.50	0.00	0.50	0.63	0.38	0.00	0.50	0.25	0.50	0.75	0.50
IND	0.75	0.50	0.25	0.25	0.38	0.50		0.50	0.38	0.50	0.50	0.00	0.50	0.50	0.63	0.38	0.50	0.50	0.25	0.50	0.25	0.50
JPN	0.25	0.00	0.75	0.25	0.38	0.50	0.50		0.13	0.00	0.00	0.50	0.50	0.00	0.38	0.13	0.50	0.00	0.25	0.50	0.25	0.50
KHM	0.38	0.13	0.63	0.38	0.25	0.38	0.38	0.13		0.13	0.13	0.38	0.38	0.13	0.25	0.00	0.38	0.13	0.13	0.38	0.38	0.38
KOR	0.25	0.00	0.75	0.25	0.38	0.50	0.50	0.00	0.13		0.00	0.50	0.50	0.00	0.38	0.13	0.50	0.00	0.25	0.50	0.25	0.50
LAO	0.25	0.00	0.75	0.25	0.38	0.50	0.50	0.00	0.13	0.00		0.50	0.50	0.00	0.38	0.13	0.50	0.00	0.25	0.50	0.25	0.50
MMR	0.75	0.50	0.25	0.25	0.38	0.50	0.00	0.50	0.38	0.50	0.50		0.50	0.50	0.63	0.38	0.50	0.50	0.25	0.50	0.25	0.50
MYS	0.25	0.50	0.25	0.75	0.38	0.00	0.50	0.50	0.38	0.50	0.50	0.50		0.50	0.63	0.38	0.00	0.50	0.25	0.50	0.75	0.50
NZL	0.25	0.00	0.75	0.25	0.38	0.50	0.50	0.00	0.13	0.00	0.00	0.50	0.50		0.38	0.13	0.50	0.00	0.25	0.50	0.25	0.50
PAK	0.63	0.38	0.88	0.63	0.25	0.63	0.63	0.38	0.25	0.38	0.38	0.63	0.63	0.38		0.25	0.63	0.38	0.38	0.13	0.63	0.13
PHL	0.38	0.13	0.63	0.38	0.25	0.38	0.38	0.13	0.00	0.13	0.13	0.38	0.38	0.13	0.25		0.38	0.13	0.13	0.38	0.38	0.38
RUS	0.25	0.50	0.25	0.75	0.38	0.00	0.50	0.50	0.38	0.50	0.50	0.50	0.00	0.50	0.63	0.38		0.50	0.25	0.50	0.75	0.50
SGP	0.25	0.00	0.75	0.25	0.38	0.50	0.50	0.00	0.13	0.00	0.00	0.50	0.50	0.00	0.38	0.13	0.50		0.25	0.50	0.25	0.50
THA	0.50	0.25	0.50	0.50	0.13	0.25	0.25	0.25	0.13	0.25	0.25	0.25	0.25	0.25	0.38	0.13	0.25	0.25		0.25	0.50	0.25
TUR	0.75	0.50	0.75	0.75	0.13	0.50	0.50	0.50	0.38	0.50	0.50	0.50	0.50	0.50	0.13	0.38	0.50	0.50	0.25		0.75	0.00
USA	0.50	0.25	0.50	0.00	0.63	0.75	0.25	0.25	0.38	0.25	0.25	0.25	0.75	0.25	0.63	0.38	0.75	0.25	0.50	0.75		0.75
VNM	0.75	0.50	0.75	0.75	0.13	0.50	0.50	0.50	0.38	0.50	0.50	0.50	0.50	0.50	0.13	0.38	0.50	0.50	0.25	0.00	0.75	

REGIONAL DIGITAL TRADE INTEGRATION INDEX (RDTII)

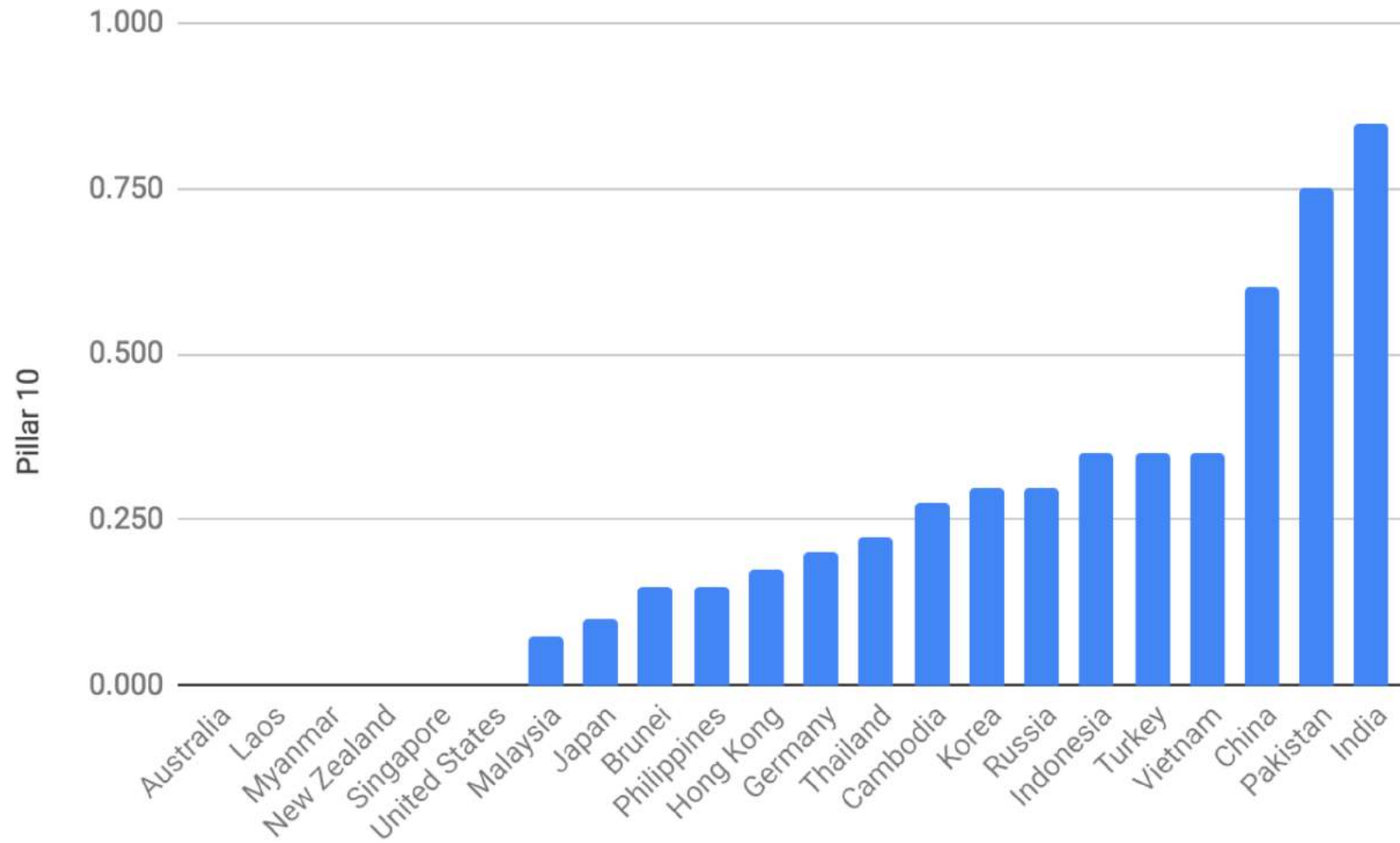
11 PILLARS:

1. Tariffs and trade defence
2. Public procurement
3. Foreign direct investment
4. IPR
5. Telecom infrastructure & Competition
6. Cross-border data policies
7. Domestic data policies
8. Intermediary liability & Content access
9. Quantitative trade restrictions
10. Standards
11. Online sales and transactions

STANDARDS

1. Lack of foreign business participation in standard-setting bodies and non-transparent standards regime (15%)
2. Lack of self-certification for product safety (EMC/EMI, radio transmission) (15%)
3. Product screening and testing requirements (20%)
4. Ban of digital goods or services on the grounds of national security (25%)
5. Restrictions on encryption standards and trade secrets (25%)

STANDARDS



STANDARDS

	AUS	BRN	CHN	DEU	HKG	IDN	IND	JPN	KHM	KOR	LAO	MMR	MYS	NZL	PAK	PHL	RUS	SGP	THA	TUR	USA	VNM
AUS		0.20	0.60	0.20	0.20	0.40	0.80	0.10	0.30	0.40	0.00	0.00	0.10	0.00	0.70	0.20	0.40	0.00	0.30	0.40	0.00	0.40
BRN	0.20		0.80	0.40	0.20	0.20	0.60	0.30	0.30	0.20	0.20	0.20	0.10	0.20	0.50	0.00	0.20	0.20	0.30	0.20	0.20	0.60
CHN	0.60	0.80		0.40	0.60	0.60	0.60	0.50	0.50	0.60	0.60	0.60	0.70	0.60	0.70	0.80	0.60	0.60	0.50	0.60	0.60	0.20
DEU	0.20	0.40	0.40		0.20	0.20	0.60	0.10	0.10	0.60	0.20	0.20	0.30	0.20	0.70	0.40	0.60	0.20	0.50	0.20	0.20	0.20
HKG	0.20	0.20	0.60	0.20		0.20	0.60	0.10	0.10	0.40	0.20	0.20	0.10	0.20	0.50	0.20	0.40	0.20	0.30	0.20	0.20	0.40
IDN	0.40	0.20	0.60	0.20	0.20		0.40	0.30	0.10	0.40	0.40	0.40	0.30	0.40	0.50	0.20	0.40	0.40	0.50	0.00	0.40	0.40
IND	0.80	0.60	0.60	0.60	0.60	0.40		0.70	0.50	0.80	0.80	0.80	0.70	0.80	0.10	0.60	0.80	0.80	0.90	0.40	0.80	0.80
JPN	0.10	0.30	0.50	0.10	0.10	0.30	0.70		0.20	0.50	0.10	0.10	0.20	0.10	0.60	0.30	0.50	0.10	0.40	0.30	0.10	0.30
KHM	0.30	0.30	0.50	0.10	0.10	0.10	0.50	0.20		0.50	0.30	0.30	0.20	0.30	0.60	0.30	0.50	0.30	0.40	0.10	0.30	0.30
KOR	0.40	0.20	0.60	0.60	0.40	0.40	0.80	0.50	0.50		0.40	0.40	0.30	0.40	0.70	0.20	0.00	0.40	0.10	0.40	0.40	0.40
LAO	0.00	0.20	0.60	0.20	0.20	0.40	0.80	0.10	0.30	0.40		0.00	0.10	0.00	0.70	0.20	0.40	0.00	0.30	0.40	0.00	0.40
MMR	0.00	0.20	0.60	0.20	0.20	0.40	0.80	0.10	0.30	0.40	0.00		0.10	0.00	0.70	0.20	0.40	0.00	0.30	0.40	0.00	0.40
MYS	0.10	0.10	0.70	0.30	0.10	0.30	0.70	0.20	0.20	0.30	0.10	0.10		0.10	0.60	0.10	0.30	0.10	0.20	0.30	0.10	0.50
NZL	0.00	0.20	0.60	0.20	0.20	0.40	0.80	0.10	0.30	0.40	0.00	0.00	0.10		0.70	0.20	0.40	0.00	0.30	0.40	0.00	0.40
PAK	0.70	0.50	0.70	0.70	0.50	0.50	0.10	0.60	0.60	0.70	0.70	0.70	0.60	0.70		0.50	0.70	0.70	0.80	0.50	0.70	0.90
PHL	0.20	0.00	0.80	0.40	0.20	0.20	0.60	0.30	0.30	0.20	0.20	0.20	0.10	0.20	0.50		0.20	0.20	0.30	0.20	0.20	0.60
RUS	0.40	0.20	0.60	0.60	0.40	0.40	0.80	0.50	0.50	0.00	0.40	0.40	0.30	0.40	0.70	0.20		0.40	0.10	0.40	0.40	0.40
SGP	0.00	0.20	0.60	0.20	0.20	0.40	0.80	0.10	0.30	0.40	0.00	0.00	0.10	0.00	0.70	0.20	0.40		0.30	0.40	0.00	0.40
THA	0.30	0.30	0.50	0.50	0.30	0.50	0.90	0.40	0.40	0.10	0.30	0.30	0.20	0.30	0.80	0.30	0.10	0.30		0.50	0.30	0.30
TUR	0.40	0.20	0.60	0.20	0.20	0.00	0.40	0.30	0.10	0.40	0.40	0.40	0.30	0.40	0.50	0.20	0.40	0.40	0.50		0.40	0.40
USA	0.00	0.20	0.60	0.20	0.20	0.40	0.80	0.10	0.30	0.40	0.00	0.00	0.10	0.00	0.70	0.20	0.40	0.00	0.30	0.40		0.40
VNM	0.40	0.60	0.20	0.20	0.40	0.40	0.80	0.30	0.30	0.40	0.40	0.40	0.50	0.40	0.90	0.60	0.40	0.40	0.30	0.40	0.40	

REGIONAL DIGITAL TRADE INTEGRATION INDEX (RDTII)

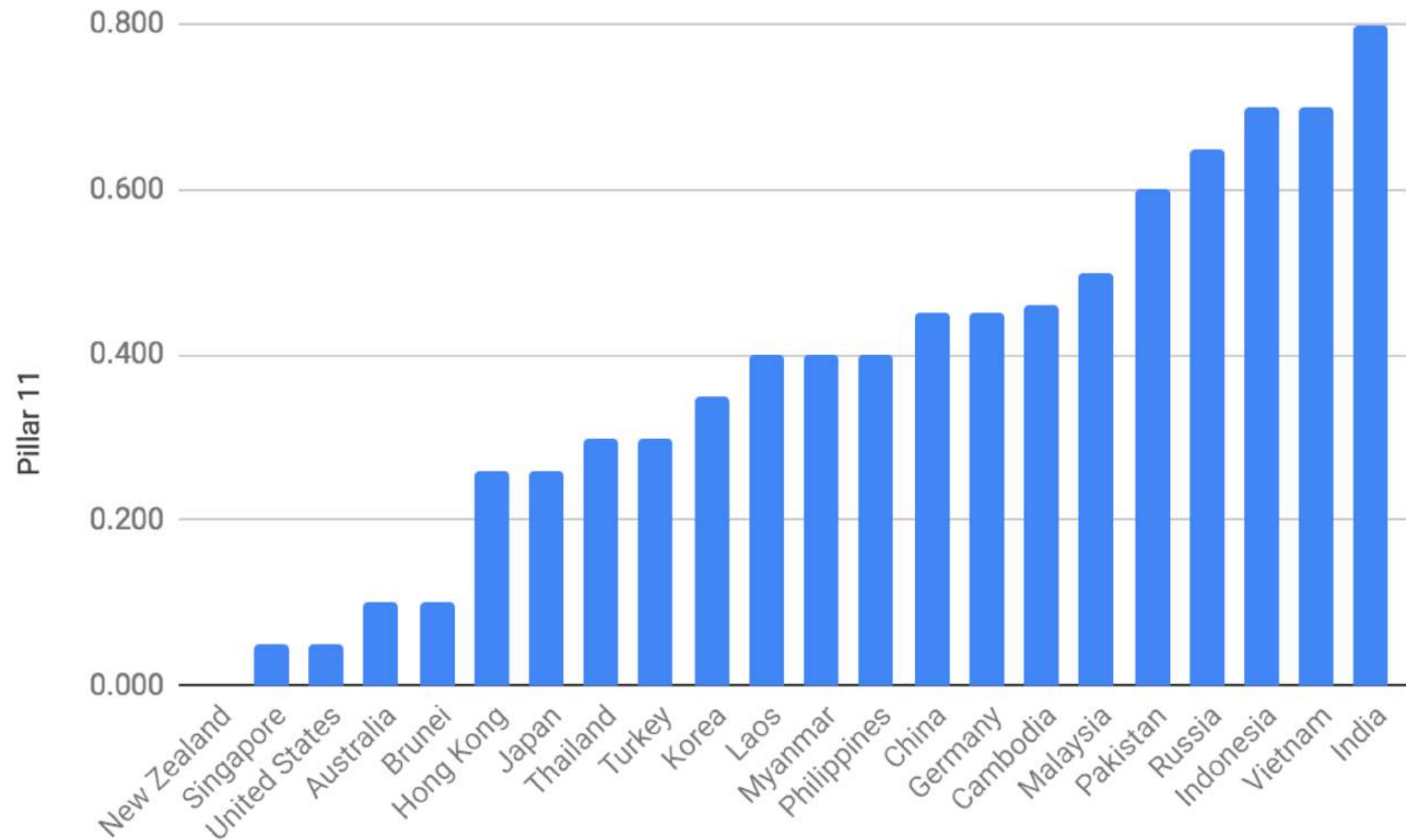
11 PILLARS:

1. Tariffs and trade defence
2. Public procurement
3. Foreign direct investment
4. IPR
5. Telecom infrastructure & Competition
6. Cross-border data policies
7. Domestic data policies
8. Intermediary liability & Content access
9. Quantitative trade restrictions
10. Standards
11. Online sales and transactions

ONLINE SALES AND TRANSACTIONS

1. Restriction to online sales and delivery (30%)
2. Restriction to online payments and Lack of legal framework for electronic transactions/e-signatures (20%)
3. Low threshold for De Minimis rule (20%)
4. Domain name (DNS) registration requirements (10%)
5. Lack of legal framework for consumer protection when purchasing online (20%)

ONLINE SALES AND TRANSACTIONS



ONLINE SALES AND TRANSACTIONS

	AUS	BRN	CHN	DEU	HKG	IDN	IND	JPN	KHM	KOR	LAO	MMR	MYS	NZL	PAK	PHL	RUS	SGP	THA	TUR	USA	VNM
AUS		0.00	0.60	0.40	0.46	0.50	0.90	0.16	0.36	0.40	0.60	0.30	0.30	0.20	0.80	0.50	0.80	0.10	0.30	0.50	0.10	0.50
BRN	0.00		0.60	0.40	0.46	0.50	0.90	0.16	0.36	0.40	0.60	0.30	0.30	0.20	0.80	0.50	0.80	0.10	0.30	0.50	0.20	0.50
CHN	0.60	0.60		0.40	0.34	0.30	0.30	0.44	0.64	0.20	0.60	0.30	0.50	0.40	0.40	0.30	0.20	0.50	0.30	0.10	0.50	0.30
DEU	0.40	0.40	0.40		0.46	0.30	0.50	0.36	0.56	0.40	0.60	0.50	0.10	0.40	0.80	0.10	0.60	0.30	0.10	0.50	0.30	0.30
HKG	0.46	0.46	0.34	0.46		0.64	0.64	0.30	0.50	0.34	0.26	0.44	0.56	0.26	0.34	0.36	0.54	0.36	0.36	0.24	0.36	0.64
IDN	0.50	0.50	0.30	0.30	0.64		0.40	0.34	0.54	0.30	0.90	0.20	0.20	0.70	0.70	0.40	0.50	0.60	0.40	0.40	0.60	0.00
IND	0.90	0.90	0.30	0.50	0.64	0.40		0.74	0.54	0.50	0.50	0.60	0.60	0.70	0.30	0.40	0.10	0.80	0.60	0.40	0.80	0.40
JPN	0.16	0.16	0.44	0.36	0.30	0.34	0.74		0.20	0.24	0.56	0.14	0.26	0.36	0.64	0.46	0.64	0.26	0.26	0.34	0.26	0.34
KHM	0.36	0.36	0.64	0.56	0.50	0.54	0.54	0.20		0.44	0.36	0.34	0.46	0.56	0.44	0.66	0.44	0.46	0.46	0.54	0.46	0.54
KOR	0.40	0.40	0.20	0.40	0.34	0.30	0.50	0.24	0.44		0.60	0.10	0.50	0.40	0.40	0.50	0.40	0.30	0.30	0.10	0.30	0.30
LAO	0.60	0.60	0.60	0.60	0.26	0.90	0.50	0.56	0.36	0.60		0.70	0.70	0.40	0.20	0.50	0.40	0.50	0.50	0.50	0.50	0.90
MMR	0.30	0.30	0.30	0.50	0.44	0.20	0.60	0.14	0.34	0.10	0.70		0.40	0.50	0.50	0.60	0.50	0.40	0.40	0.20	0.40	0.20
MYS	0.30	0.30	0.50	0.10	0.56	0.20	0.60	0.26	0.46	0.50	0.70	0.40		0.50	0.90	0.20	0.70	0.40	0.20	0.60	0.40	0.20
NZL	0.20	0.20	0.40	0.40	0.26	0.70	0.70	0.36	0.56	0.40	0.40	0.50	0.50		0.60	0.30	0.60	0.10	0.30	0.30	0.10	0.70
PAK	0.80	0.80	0.40	0.80	0.34	0.70	0.30	0.64	0.44	0.40	0.20	0.50	0.90	0.60		0.70	0.20	0.70	0.70	0.30	0.70	0.70
PHL	0.50	0.50	0.30	0.10	0.36	0.40	0.40	0.46	0.66	0.50	0.50	0.60	0.20	0.30	0.70		0.50	0.40	0.20	0.40	0.40	0.40
RUS	0.80	0.80	0.20	0.60	0.54	0.50	0.10	0.64	0.44	0.40	0.40	0.50	0.70	0.60	0.20	0.50		0.70	0.50	0.30	0.70	0.50
SGP	0.10	0.10	0.50	0.30	0.36	0.60	0.80	0.26	0.46	0.30	0.50	0.40	0.40	0.10	0.70	0.40	0.70		0.20	0.40	0.00	0.60
THA	0.30	0.30	0.30	0.10	0.36	0.40	0.60	0.26	0.46	0.30	0.50	0.40	0.20	0.30	0.70	0.20	0.50	0.20		0.40	0.20	0.40
TUR	0.50	0.50	0.10	0.50	0.24	0.40	0.40	0.34	0.54	0.10	0.50	0.20	0.60	0.30	0.30	0.40	0.30	0.40	0.40		0.40	0.40
USA	0.10	0.10	0.50	0.30	0.36	0.60	0.80	0.26	0.46	0.30	0.50	0.40	0.40	0.10	0.70	0.40	0.70	0.00	0.20	0.40		0.60
VNM	0.50	0.50	0.30	0.30	0.64	0.00	0.40	0.34	0.54	0.30	0.90	0.20	0.20	0.70	0.70	0.40	0.50	0.60	0.40	0.40	0.60	

POLICY RECOMMENDATIONS

For RDTII, the overall recommendation is to strive for 0 score where deemed possible.

In general, on digital trade integration:

- ❖ Identify intended policy objective and engage in technical analysis to make sure that the measure is necessary and achieves the objective;
- ❖ Estimate the economic costs of compliance both for local and foreign companies;
- ❖ Engage in a discussion with different stakeholders, including technical experts, civil society and businesses;
- ❖ Ensure that a measures is transparent and non-discriminatory;
- ❖ Notify policies to regional and international fora and consider public comments;
- ❖ Harmonize domestic frameworks on regional or international standards;
- ❖ Develop regional enforcement agencies on certain issues;
- ❖ Leverage on regional agencies to provide technical and financial resources for better enforcement.

EXERCISE

Do you feel the index provides a good overview on digital trade integration in the region?

Would you suggest any change in the methodology?

The background of the slide features a stylized illustration. On the left, a white robot head is shown in profile, facing right. Its internal structure is visible, including a gear and a circuit-like pattern. A white cable extends from the back of the head. On the right, a man and a woman in business attire are walking towards the right. The man is wearing a suit and a red tie, and the woman is wearing a dark suit and carrying a briefcase. They are walking on a light blue surface that appears to be held up by a large, white, stylized hand or arm emerging from the bottom right corner. The entire scene is set against a solid light blue background.

THANK YOU

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