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Session 2

World Bank's Services Trade Restrictions Database

Submitted by: University of Sussex



Capacity Building Workshop on Measuring the Regulatory Environment in Services Trade of APEC Arequipa, Peru 12 May 2016

World Bank's Services Trade Restrictions Database

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APEC Workshop on Measuring the Regulatory Environment in Services Trade Arequipa, Peru 12 May 2016

Disclaimer



- ☐ The Services Trade Restrictions Database and any other research shown in this presentation originate from a World Bank research project on the international integration of services markets under the overall guidance of Aaditya Mattoo.
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Borchert/Gootiiz/Mattoo - WB Services Trade Restrictions Database

Agenda



- 1. The World Bank's "Services Trade Restrictions Database"
 - ▶ Aim and Purpose
 - ▶ Coverage (economies, sectors, modes, policies)
- 2. WB STRI: Methodology and Interpretation
- 3. Global Patterns of Policy Restrictiveness
- 4. Economic Impact of Services Trade Policies
- 5. Summary

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Policy Transparency

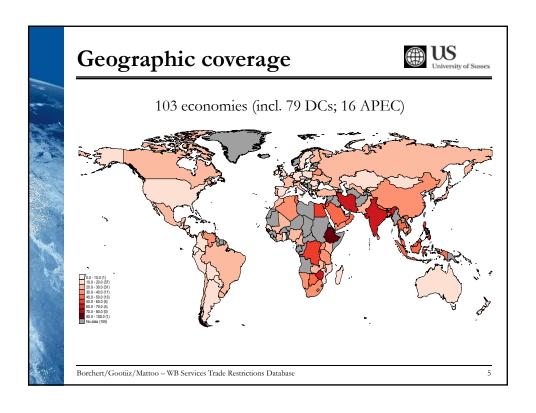


Limited knowledge on service trade policies despite economic importance

Services Trade Restrictions Database:

- enabling analyses of services trade policies
- advancing economy-level policy reform
- ▶ informing international negotiations
 ❖ co-operation with WTO
- facilitating trade in services by creating a resource for business
- ⇒ Comprehensive picture of policy patterns around the world

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Mode cover	age		
Sectors/Sub-sectors	Mode 1	Mode 3	Mode 4
Banking			
Bank lending	х	х	
Deposit acceptance	x	x	
Insurance			
Automobile insurance	х	х	
Life insurance	x	x	
Reinsurance	x	x	
Telecom			
Fixed-line		х	
Mobile		x	
Retailing			
Retail distribution		х	
Transport			
Air passenger domestic		х	
Air passenger international	x	x	
Maritime shipping international	X	X	
Maritime auxiliary services		X	
Road trucking		x	
Railway freight		х	
Professional Services			
Accounting	X	X	X
Auditing	X	X	X
Legal advice foreign law	Х	X	X
Legal advice dom law		X	X
Court representation		X	X

Policy coverage



Examples of individual policy measures considered (Mode 3):

Regulatory Category	Examples of measures considered		
1) Market Entry	License limit / quota on market entry Significantly discriminatory licensing		
2) Ownership, Legal Form	Foreign equity participation limits Greenfield, acquisitions, subsidiary, branch, JV		
3) License procedures	Discrimination in licensing criteria Allocation License length, renewal and due process for rejection		
4) Aspects of Operations	Nationality requirement for board of directors Nationality requirement for employees Restrictions on repatriation of earnings		
5) Regulatory environment	Regulatory authority Appeal of decisions, prior notice.		

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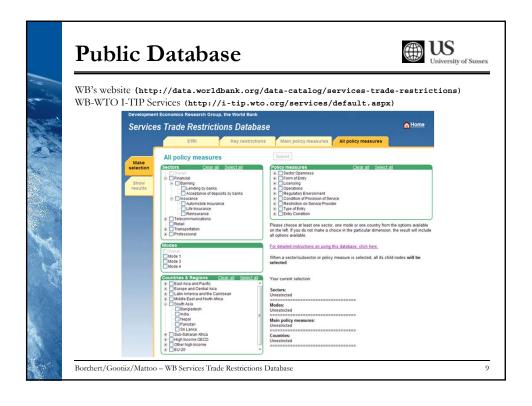
Policy coverage



Policy dimensions covered:

- Focus is on discriminatory measures against foreign providers/services
- ▶ Domestic regulation partially covered if significant potential trade impact
- ▶ Core set of measures plus sector-specific aspects
- Data collection through detailed questionnaires; governments invited to vet the accuracy of information (about half did)
- More than 3,000 economy-subsector-mode combinations

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Qualifications



Qualifications on coverage of STRD:

- 1. No explicit coverage of cross-border trade in business process services
 - → few explicit restrictions
 - → but new areas become relevant: e.g. **cross-border data flows**
- 2. MFN versus preferential policy regimes (eg. TPP!):
 - → STRD focuses on MFN policies
 - → Highlight preferential policies when such regimes likely dominate trade:
 - a) EU-20; GCC; individual instances
 - b) Economy-level vs sub-federal policies
- 3. Absence of information on market structure: restrictions on entry vs prevailing extent of competition
- 4. Limited information (difficult assessment!) of actual implementation (e.g. ENT, licensing requirements)

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STRI



Construction of the WB's Services Trade Restrictiveness Index (STRI):

- Step 1: select policy measures for consideration
- Step 2: determine overall level of restrictiveness at subsector-mode level
 - > One of five bins (ordinal approach)
 - > Joint consideration of all applicable measures (rules-based)
 - Assign basic scores $s_{jmc} \in \{0, 25, 50, 75, 100\}$ to each bin
 - ⇒ Avoids double counting and fallacious additivity
- Step 3: aggregate to sector and country level
 - > Use sector-specific modal weights to aggregate within subsectors
 - \rightarrow Sectoral scores $STRI_{cj} = \sum_{m} w_{m}^{(j)} s_{jmc}$
 - > Use sectoral weights to aggregate across sectors
 - \rightarrow Country scores $STRI_c = \sum_j w_j STRI_{cj}$

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STRI



Interpreting the WB's STRI:

- Certain areas not included, eg. non-discriminatory domestic regulation
 - "open without restrictions" means conditional on scope of Database
 - ▶ No normative claim that an STRI value of zero is necessarily desirable
 - ▶ STRI scores reflect a **relative** position across economies/sectors
- Evaluating policy restrictiveness
 - STRI = approximate quantitative assessment based upon simple, transparent and robust methodology
 - 2. Measuring impact using econometric methods
 - ⇒ Both approaches can (and should) be complementary

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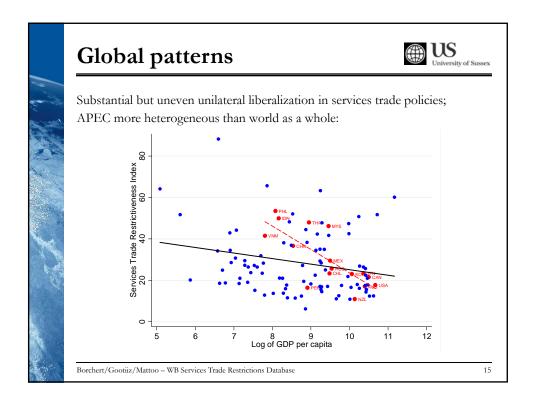
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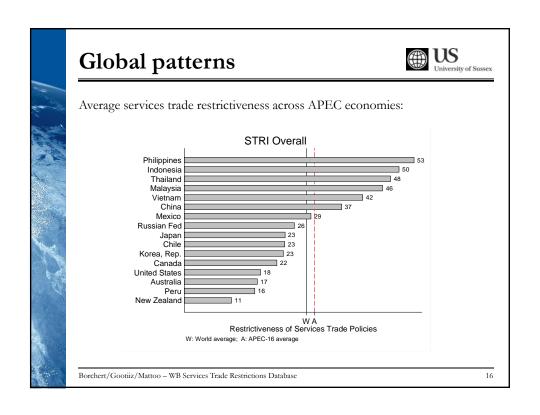
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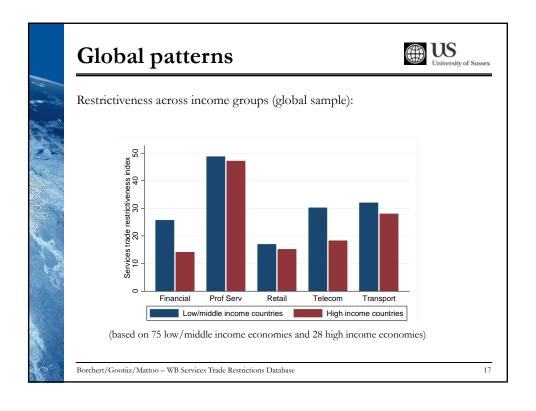


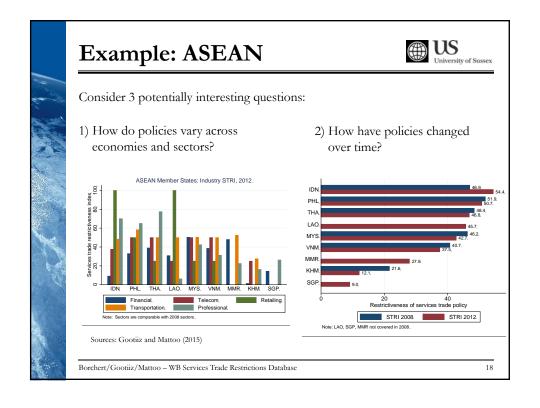
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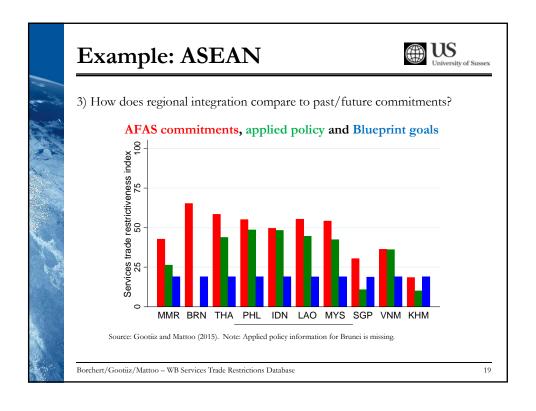
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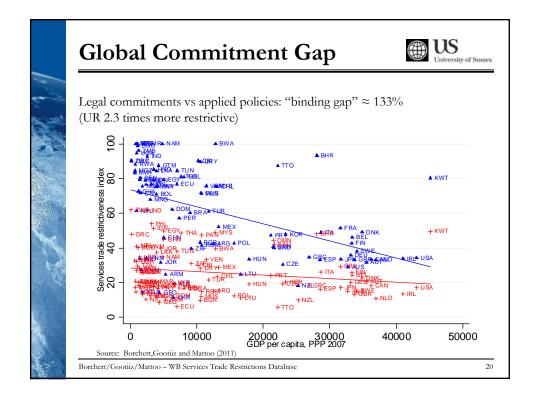












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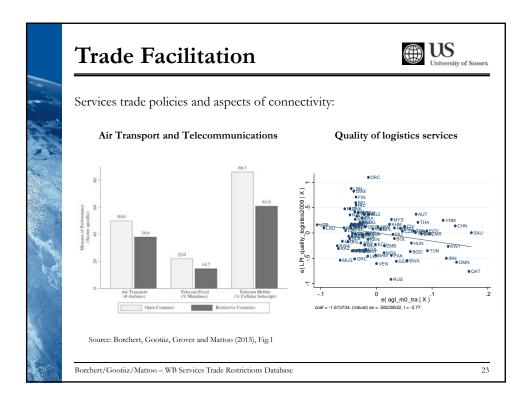
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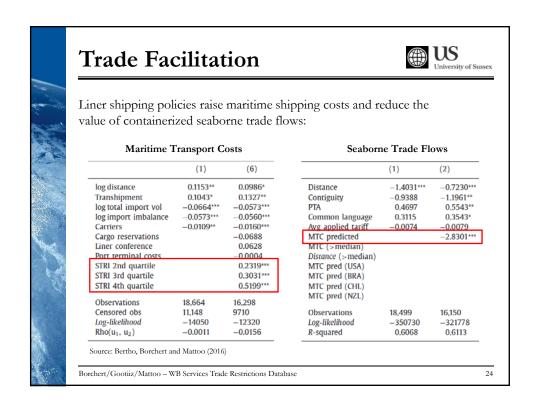
Economic Impact

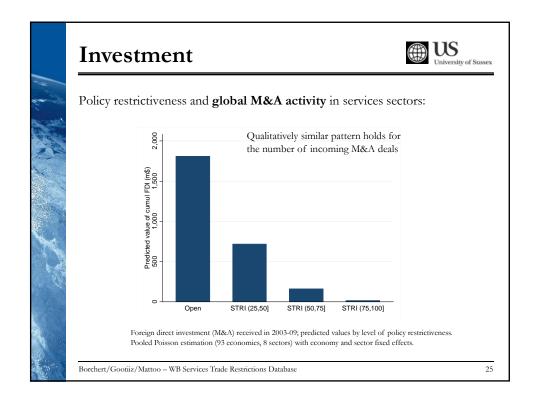


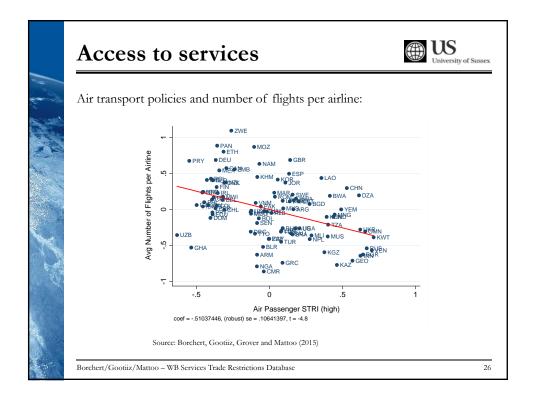
- 1. Impact on connectivity
 - ⇒ Air transport, telecommunications, logistics services (Borchert, Gootiiz, Grover and Mattoo, 2015 WE)
 - ⇒ Maritime transport costs (Bertho, Borchert and Mattoo, 2016 JCE)
- 2. Impact on foreign investment flows
 - ⇒ Services M&A (Barattieri, Borchert and Mattoo, 2016 CJE)
- 3. Impact on access to services
 - ⇒ Financial and air passenger transportation services (Borchert, Gootiiz and Mattoo, 2014 WBER)

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SCT and Services



Supply chain trade (SCT) appears to be a regional phenomenon

- Service content of exports is rising (intermediate services trade accounts for 28% of SCT)
- Realizing full potential of supply chain trade will require aligning flows of services, investment, know-how and people
- Some APEC economies are purchasing and supplying intermediates on a global basis;
 Chinese economy's special role as regional hub and bridgehead
- Implications for services input requirements
- Map economy-level services policies to support globalized services trade

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Summary



World Bank's STRD project:

- Database is about transparency and building a factual base;
 STRI is a tool for deriving policy implications;
 All data, scores and methodology publicy available
- Collaboration with WTO on I-TIP Services and taxonomy
- Process of expanding and augmenting the Database with WTO:
 - ▶ Licensing procedures
 - ▶ Cross-border data flows

APEC with uniquely diverse membership and position within global trade

- Members' MFN policies vs preferential treatment (intra-/extra-APEC)
- Different developmental and economic circumstances
- · Ensuring comparability to existing work

Thank you

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References



List of further references documenting the World Bank's Services Trade Restrictions Database as well as the impact of services trade policies:

- ▶ Borchert, Gootiiz and Mattoo (2014), "Policy Barriers to International Trade in Services: Evidence from a New Database", World Bank Economic Review 28(1), pp. 162-188.
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- Bertho, Borchert and Mattoo (2016), "The Trade Reducing Effects of Restrictions on Liner Shipping", Journal of Comparative Economics, doi: 10.1016/j.jce.2016.03.001.
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