



# *Trade Packages: Making Trade Agreements Work in the Service of Society*

## **PACKAGE TREATIES DATABASES**

### *International Economics*



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# *Three databases*

- 1** Impact assessments of PTAs' negative spillovers
- 2** Labour, environmental, and gender provisions in PTAs
- 3** Domestic legislation on the negative spillovers of trade liberalization



# 1

## *IMPACT ASSESSMENTS OF PTAs' SPILLOVERS*



# *The 'impact assessments' database*

- Sample: 17 US IAs and 24 EU SIAs since the 1990s
- The database codes Economic, Social, Environmental, and Human Rights indicators investigated in the IAs (binary variables), and cross-cutting issues at the aggregate and sectoral level (e.g., agriculture, services, dairy, automotive products)

*Upcoming publication: Richard Baldwin, Giovanni Donato, & Camille Reverdy. (2024). Identifying Spillovers of Trade Agreements Through Impact Assessments: A New Database.*



# Indicators

- Employment/Unemployment
- Exports
- Imports
- Average price
- FDI flows (Investment)
- Trade balance
- Efficiency gains
- Welfare
- Exchange rate
- Land Values
- Strength of institutional and regulatory environments
- Market share
- Output
- GDP growth rate
- Bilateral trade balance
- Fixed capital formation
- Return to capital
- Government Revenues
- Policy space

ECONOMIC  
INDICATORS



SOCIAL  
INDICATORS



- Wages/income
- Equity/women participation
- Worker displacement levels and ability to shift among occupations
- Strength of collective bargaining
- Forced/child labour
- Quality of work environment in terms of health and safety
- Migrant workers' rights
- Policy space
- Strength of institutional and regulatory environments
- Poverty levels
- Food security
- Income distribution
- Public safety
- Access to/quality of healthcare
- Access to/quality of education
- Culture
- Social support
- Rate of technological advancement/innovation

ENVIRONMENTAL INDICATORS



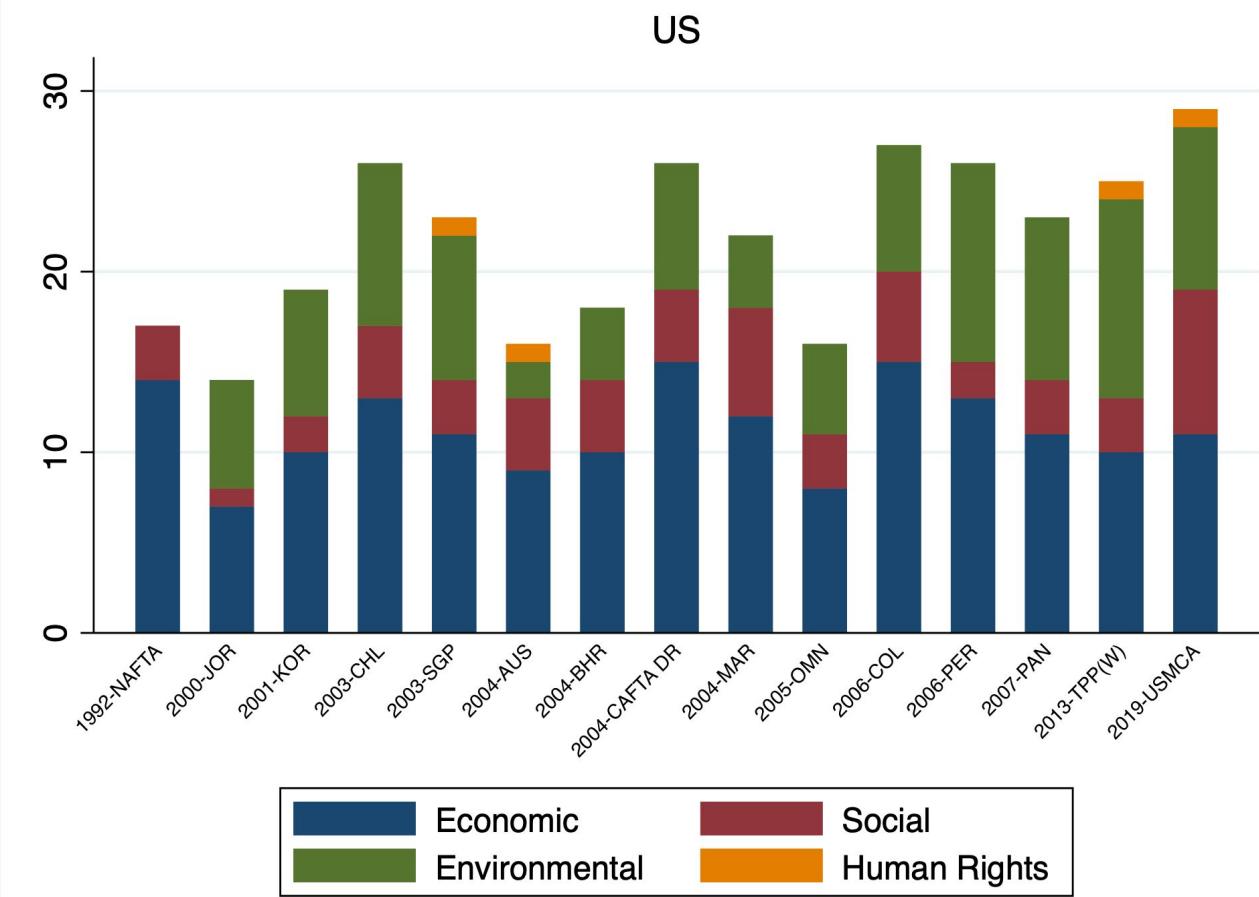
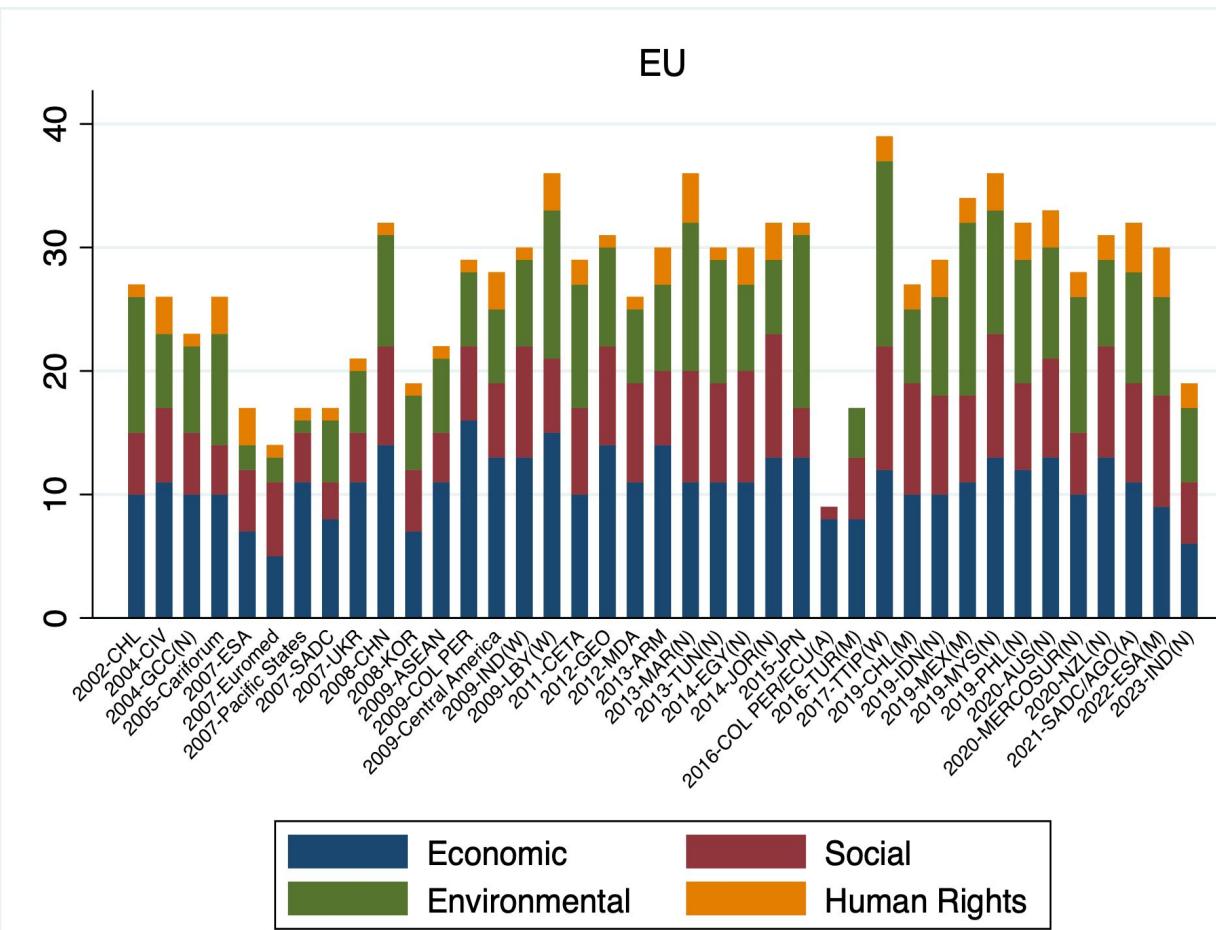
- General/Environmental quality
- Waste from output
- Air pollution
- Biodiversity
- Fish stocks
- Forest usage
- Invasive species
- Protection of marine mammals
- Protected Areas
- Wildlife trafficking
- Mineral usage
- Fossil fuel usage
- Land and soil usage
- Water usage and quality
- Energy use
- Climate change
- Animal welfare
- Policy space
- Strength of institutional and regulatory environments

HUMAN  
RIGHTS  
INDICATORS





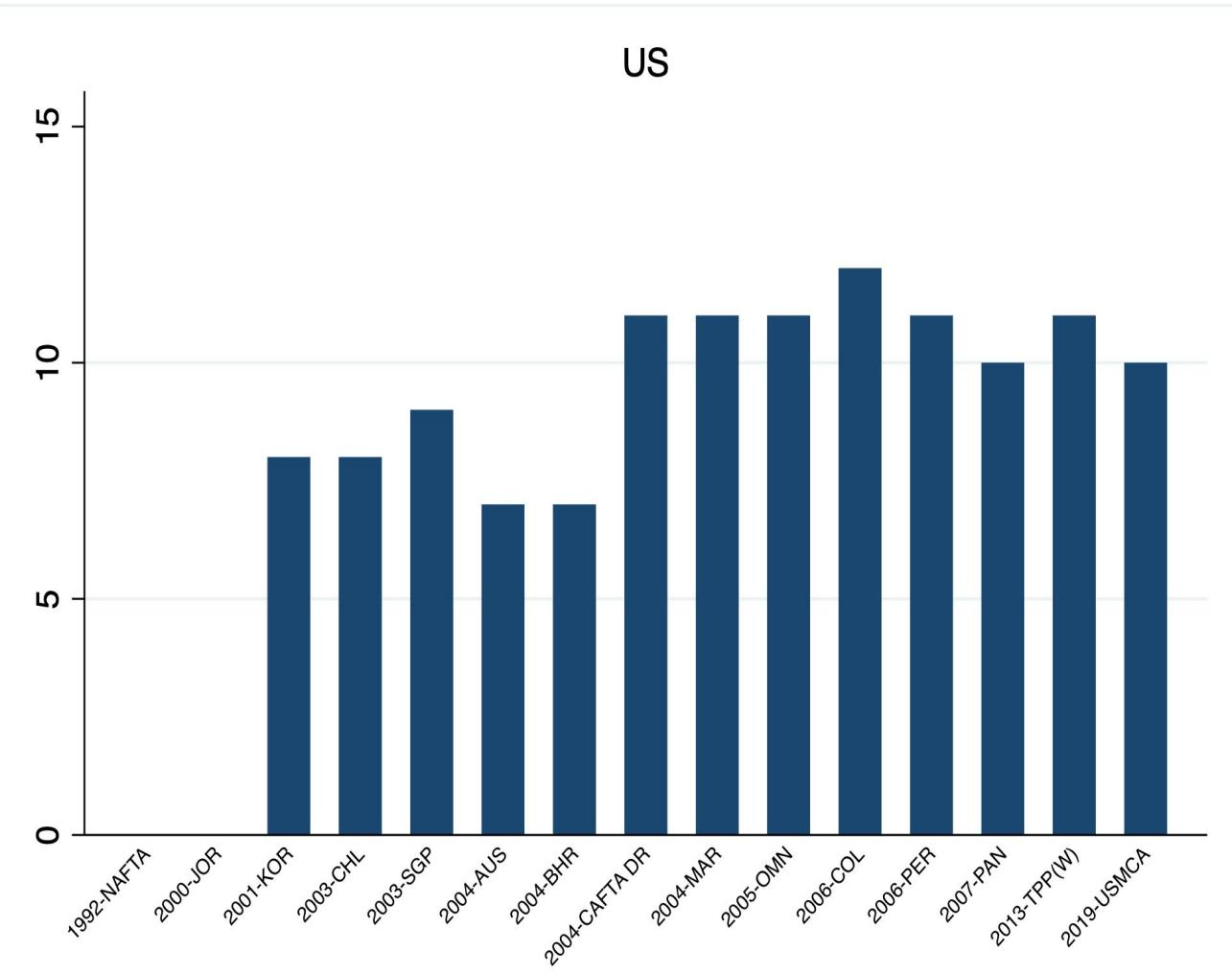
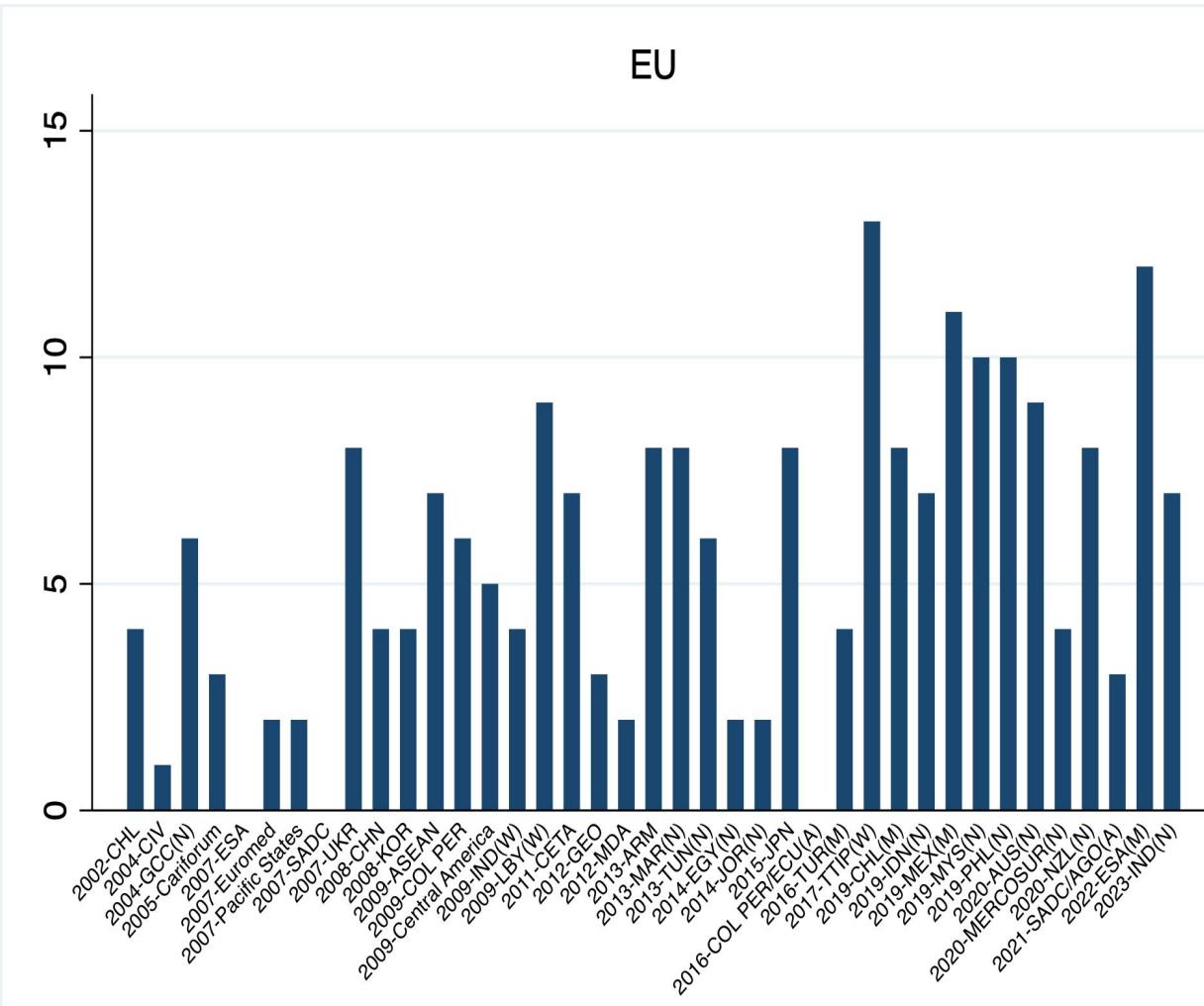
# Number of Indicators per PTA - EU vs US





# *Cross-cutting issues*

- Labour provisions/mobility, Digital trade and e-commerce, Investment, etc.





# *Possible future uses*

- Can be used across disciplines
- Link with domestic policies: Are negative spillovers addressed in the PTA or at the domestic level?
- Are more affected industries (sectors identified in the IA) more protected (through the use of standards, subsidies, etc.)?
- Do IAs increase transparency and could facilitate public acceptance of PTAs?



# 2

## *LABOUR, ENVIRONMENTAL, AND GENDER PROVISIONS IN PTAs*



# *The 'PTA provisions' database*

- Time range: 1990-2022
- Country sample: United States, European Union, United Kingdom (post-BREXIT), EFTA, India, and Brazil
- Total: 161 PTAs
- We focus on binding provisions
- Texts of the PTAs from DESTA (<https://www.designoftradeagreements.org/>) and annexes from TREND (<https://klimatalog.idos-research.de/trend/>)



# *Negative spillovers of PTAs*

- **EMPLOYMENT**: unemployment insurance, employment protection, employment assistance, job relocation assistance, social security, skill-development assistance
- **WAGE**: minimum wage, universal basic income, wage insurance
- **BARGAINING**: collective bargaining rights and freedom of association
- **NON-DISCRIMINATION**: equal pay, maternity benefits, race, ethnicity, handicaps
- **VIOLATIONS**: child labour, human trafficking, forced labour
- **LABOUR**: no specific labour spillover mentioned

LABOUR



- **CLIMATE**: emission trading systems, emission reduction, climate change mitigation, climate change adaptation
- **FORESTS**: deforestation, sustainable management of forests
- **WASTE**: waste reduction, waste management, hazardous waste
- **BIODIVERSITY**: endangered species, protection of wildlife, alien species
- **POLLUTION**: marine, soil, and air pollution
- **ENVIRONMENT**: no specific environmental spillover mentioned

ENVIRONMENT



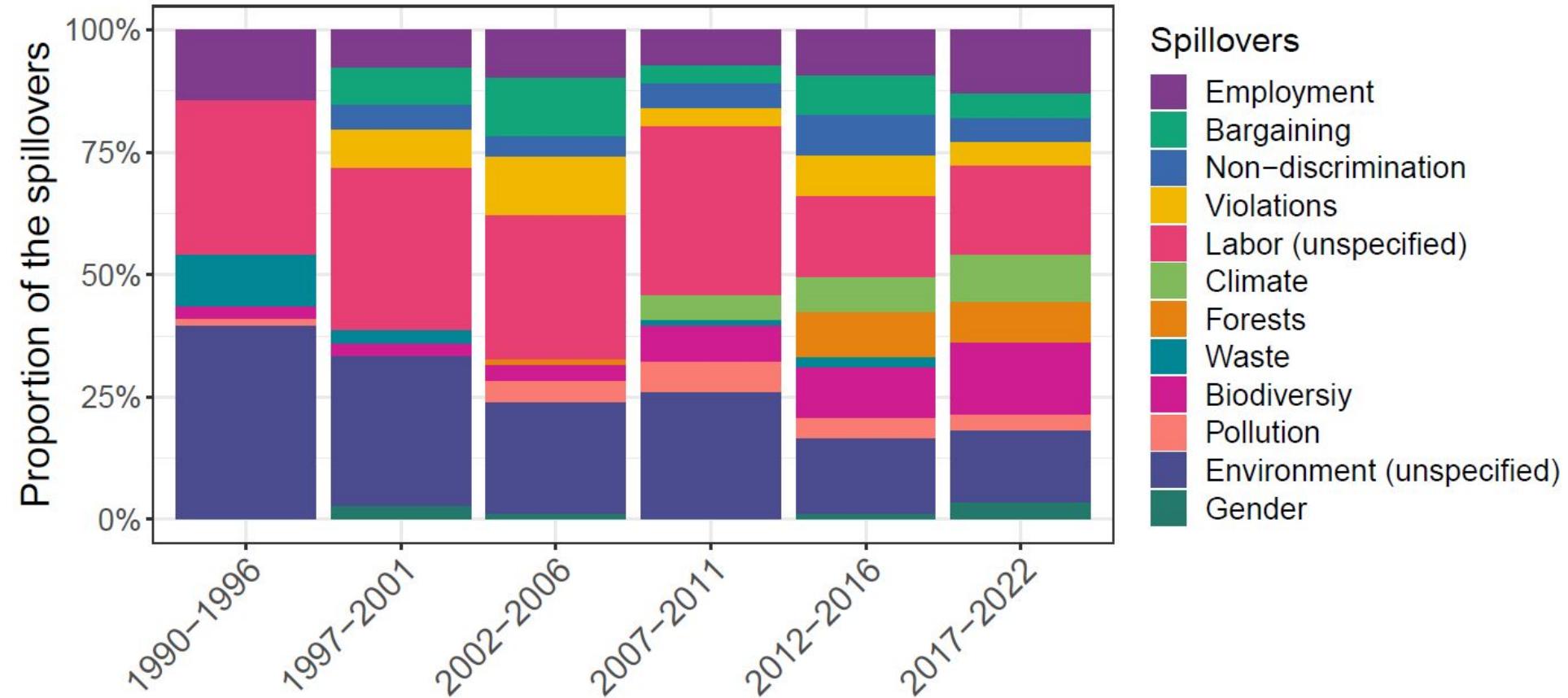
- Discrimination based on gender
- Wage equality
- Women empowerment

GENDER





# *Proportion of spillovers (1990-2022)*



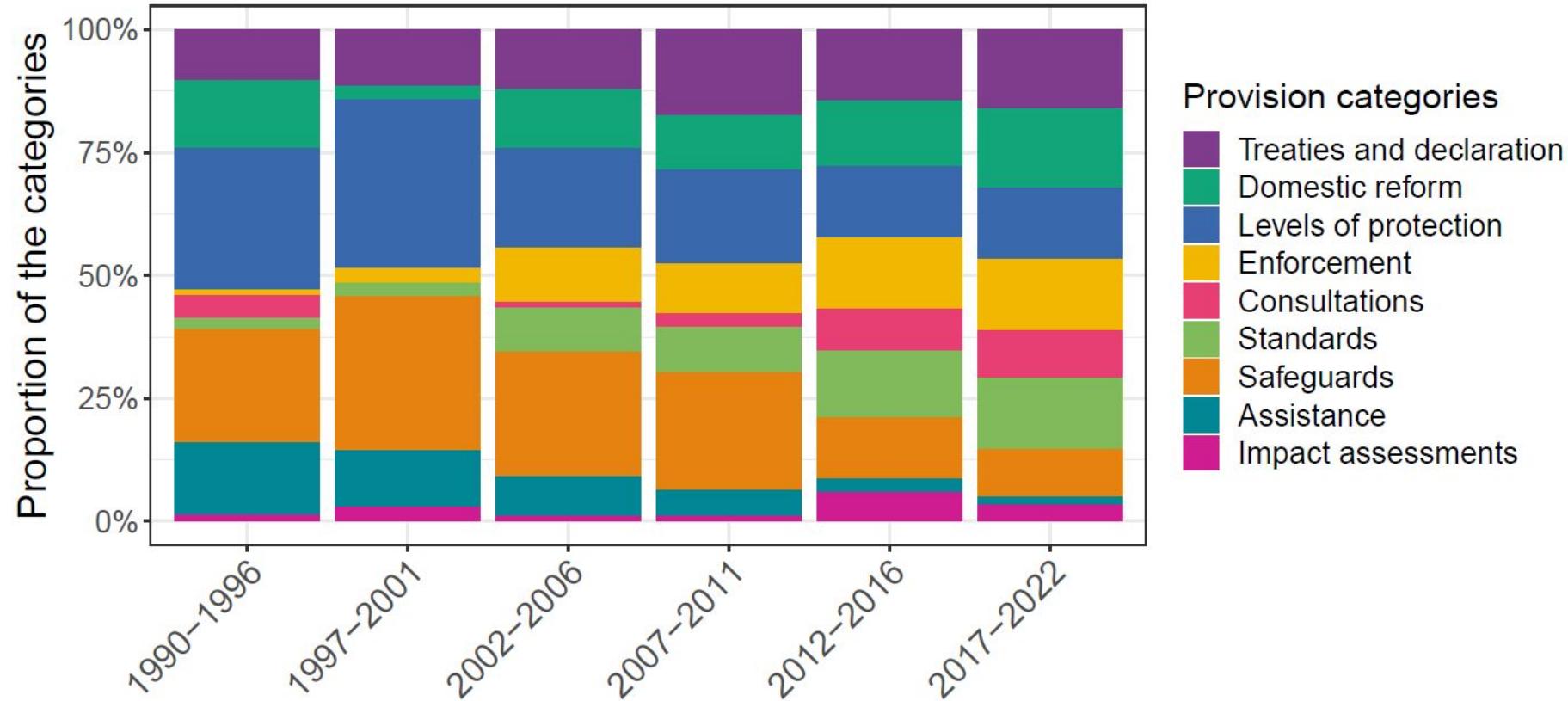


# *Various types of PTA provisions*

- References to international treaties and declarations (TREATY\_AFTER, TREATY\_GENERAL, TREATY\_ENFORCE, DECLARATION)
- Requirements for domestic legal instruments or reforms (DOMESTIC\_PRIOR, DOMESTIC\_AFTER)
- Levels of protection (RATCHET, SOVEREIGNTY, HIGHLEVELS)
- Enforcement of domestic laws (ENFORCE)
- Obligations to consult with PTA partners when revising or developing new national legislation (CONSULT)
- Voluntary standards (STANDARD)
- Safeguards for particularly exposed industries (SAFEGUARDING)
- Assistance in the implementation of spillover-related provisions (TECHNICALASSISTANCE, FINANCIALASSISTANCE)
- Requirements to conduct sustainability impact assessments (IMPACT)



# *Proportion of PTA provisions (1990-2022)*





# 3

## *DOMESTIC LEGISLATION ON THE NEGATIVE SPILLOVERS OF TRADE LIBERALIZATION*



# *The 'domestic legislation' database*

- Time range: legislation filed with date of original signature, date of original entry into force, and whether still in force in 2024
- Country sample: United States, European Union, United Kingdom (post-BREXIT), EFTA, India, and Brazil
- Based on keyword searches in domestic law databases (e.g. tariff, trade, import, export, ban)

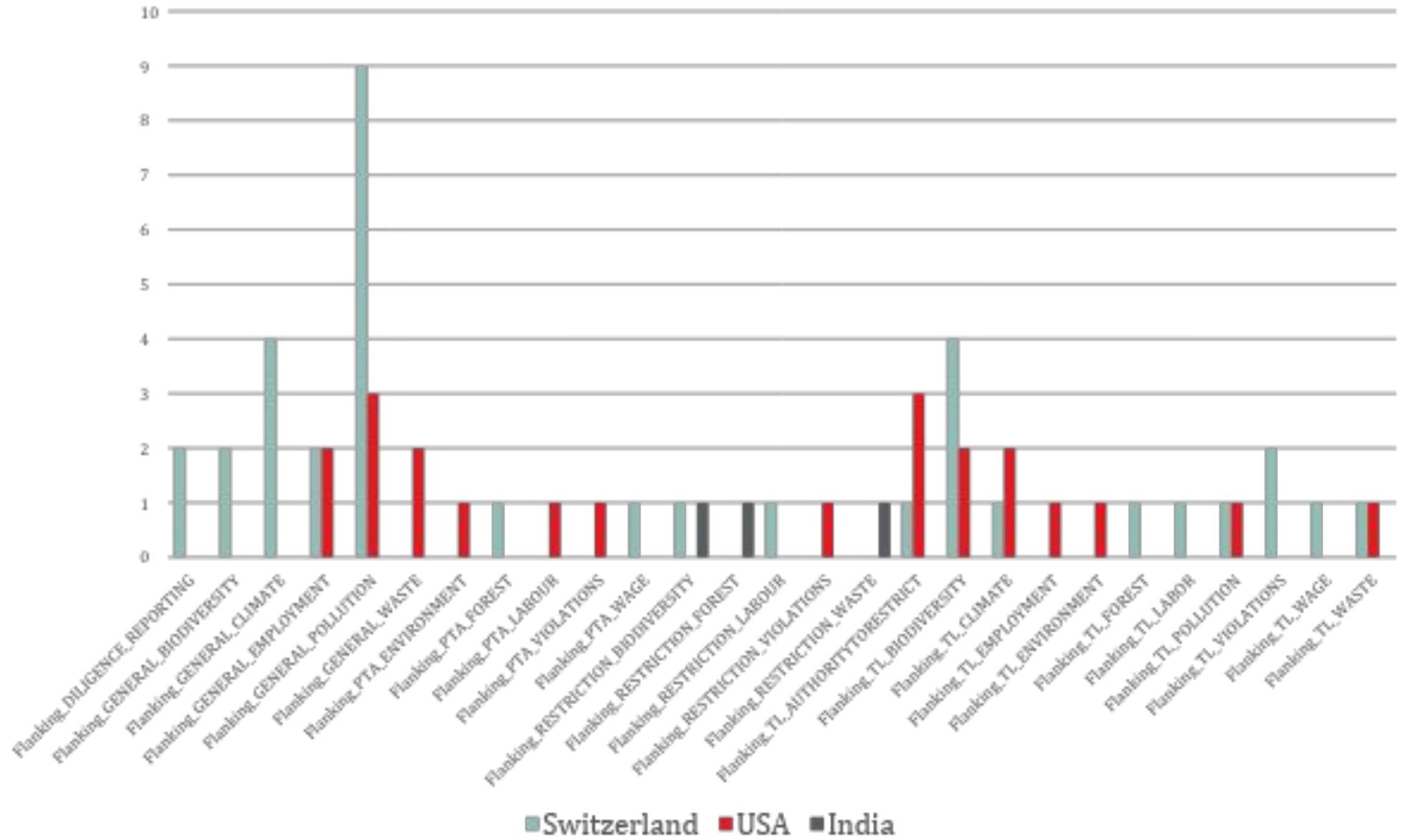


# *Classification of domestic legislation*

- Requirement of ratification and/or implementation of an international treaty prior to PTA ratification (FLANKING\_PRIOR\_SPILLOVER).
- Domestic legislation specifically linked with a PTA (FLANKING\_PTA\_SPILLOVER).
- Domestic legislation specifically addressing trade liberalization (FLANKING\_TL\_SPILLOVER).
- Domestic legislation creating binding obligations for corporate due diligence along the entire supply chain (FLANKING\_DILIGENCE\_REPORTING).
- Domestic legislation creating binding obligations for corporate due diligence along the entire supply chain with sanctions (FLANKING\_DILIGENCE\_ENFORCE).
- Domestic legislation/unilateral measures introducing specific trade restrictions independent from general safeguards and retaliatory measures (FLANKING\_RESTRICTION)



# Preliminary data





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**THANK YOU!**

SNF Sinergia Project Number 205796

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CENTRE FOR  
TRADE AND  
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