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Regulatory Convergence within Technical Barriers to Trade

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Regulatory Convergence within Technical Barriers to Trade - Online Appendix

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Online Appendix

Table A1 / List of ICT products and their related categories in the HS 1996 version

Category	Category description	Product code HS rev. 1996	Product description
ICT01	Computers and peripheral equipment	847050	Cash registers
		847130	Portable digital automatic data processing machines, weighing not more than 10 kg, consisting of at least a central processing unit, a keyboard and a display
		847141	Other digital automatic data processing machines: Comprising in the same housing at least a central processing unit and an input and output unit, whether or not combined
		847149	Other digital automatic data processing machines: Other, presented in the form of systems
		847150	Digital processing units other than those of sub-headings 8471.41 and 8471.49, whether or not containing in the same housing one or two of the following types of unit: storage units, input units, output units
		847160	Input or output units, whether or not containing storage units in the same housing
		847170	Storage units
		847180	Other units of automatic data processing machines
		847190	Other
		847290	Other
		847330	Parts and accessories of the machines of heading No. 84.71
		847350	Parts and accessories equally suitable for use with machines of two or more of the headings Nos. 84.69 to 84.72
		ICT02	Communication equipment
851719	Telephone sets; videophones: Other		
851750	Other apparatus, for carrier-current line systems or for digital line systems		
851780	Other apparatus		
851790	Parts		
852510	Transmission apparatus		
852520	Transmission apparatus incorporating reception apparatus		
853110	Burglar or fire alarms and similar apparatus		
851810	Microphones and stands therefor		
851821	Loudspeakers, whether or not mounted in their enclosures: Single loudspeakers, mounted in their enclosures		
851822	Loudspeakers, whether or not mounted in their enclosures: Multiple loudspeakers, mounted in the same enclosure		
851829	Loudspeakers, whether or not mounted in their enclosures: Other		
851830	Headphones, earphones and combined microphone/speaker sets		
851840	Audio-frequency electric amplifiers		
851850	Electric sound amplifier sets		
851890	Parts		
851939	Turntables (record-decks): Other		
851999	Other sound reproducing apparatus: Other		
ICT03	Consumer electronic equipment	852020	Telephone answering machines
		852110	Magnetic tape-type
		852190	Other
		852210	Pick-up cartridges
		852290	Other
		852540	Still image video cameras and other video camera recorders
		852712	Radio-broadcast receivers capable of operating without an external source of power, including apparatus capable of receiving also radio-telephony or radio-telegraphy: Pocket-size radio cassette-players
		852713	Radio-broadcast receivers capable of operating without an external source of power, including apparatus capable of receiving also radio-telephony or radio-telegraphy: Other apparatus combined with sound recording
		852719	Radio-broadcast receivers capable of operating without an external source of power, including apparatus capable of receiving also radio-telephony or radio-telegraphy: Other

contd.

Table A1 / (Contd.) List of ICT products and their related categories in the HS 1996 version

Category	Category description	Product code HS rev. 1996	Product description
ICT03	Consumer electronic equipment	852721	Radio-broadcast receivers not capable of operating without an external source of power, of a kind used in motor vehicles, including apparatus capable of receiving also radio-telep....Combined with sound recording or reproducing apparatus
		852729	Radio-broadcast receivers not capable of operating without an external source of power, of a kind used in motor vehicles, including apparatus capable of receiving also radio-telephony or radio-teleggraphy: Other
		852731	Other radio-broadcast receivers, including apparatus capable of receiving also radio-telephony or radio-teleggraphy: Combined with sound recording or reproducing apparatus
		852732	Other radio-broadcast receivers, including apparatus capable of receiving also radio-telephony or radio-teleggraphy: Not combined with sound recording or reproducing apparatus but combined with a clock
		852739	Other radio-broadcast receivers, including apparatus capable of receiving also radio-telephony or radio-teleggraphy: Other
		852812	Reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: Colour
		852813	Reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: Black and white or other monochrome
		852821	Video monitors: Colour
		852830	Video projectors
		950410	Video games of a kind used with a television receiver
		852330	Cards incorporating a magnetic stripe
		853400	Printed circuits
		854011	Cathode-ray television picture tubes, including video monitor cathode-ray tubes: Colour
		854012	Cathode-ray television picture tubes, including video monitor cathode-ray tubes: Black and white or other monochrome
		854020	Television camera tubes; image converters and intensifiers; other photo-cathode tubes
		ICT04	Electronic components
854060	Other cathode-ray tubes		
854071	Microwave tubes (for example, magnetrons, klystrons, travelling wave tubes, carcinotrons), excluding grid-controlled tubes: Magnetrons		
854079	Microwave tubes (for example, magnetrons, klystrons, travelling wave tubes, carcinotrons), excluding grid-controlled tubes: Other		
854081	Other valves and tubes: Receiver or amplifier valves and tubes		
854089	Other valves and tubes: Other		
854091	Parts: Of cathode-ray tubes		
854099	Parts: Other		
854110	Diodes, other than photosensitive or light emitting diodes		
854121	Transistors, other than photosensitive transistors: With a dissipation rate of less than 1 W		
854129	Transistors, other than photosensitive transistors: Other		
854130	Thyristors, diacs and triacs, other than photosensitive devices		
854140	Photosensitive semiconductor devices, including photovoltaic cells whether or not assembled in modules or made up into panels; light emitting diodes		
854150	Other semiconductor devices		
854160	Mounted piezo-electric crystals		
854190	Parts		
ICT05	Miscellaneous	854212	Monolithic digital integrated circuits: Cards incorporating an electronic integrated circuit (smart cards)
		854230	Other monolithic integrated circuits
		854290	Parts
		852390	Other
		852910	Aerials and aerial reflectors of all kinds; parts suitable for use therewith
		852990	Other
901320	Lasers, other than laser diodes		

Source: The classification of ICT goods by UNCTADstat in HS 2012 version; Product nomenclature in HS 1996 version provided by WITS; Concordance from HS 2012 version to HS 1996 version provided by WITS; author's elaboration.

Table A2 / PPML estimation results for bilateral import values of all ICT goods during 2012-2018

Dep. var. is m_{ijht}^v , and c is:	Consumer, safety, health	ICT specific, and qualitative	Environmental, animal, plant	Labelling, packaging, metrology, cost saving	Trade facilitation, conformity, harmonisation	National security requirements
$TBT_{ijht}^{SIM,c}$	0.052 (0.045)	0.049 (0.11)	0.10* (0.055)	0.12** (0.059)	-0.061 (0.048)	-0.25 (0.25)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	-0.075* (0.045)	-0.017 (0.087)	0.068 (0.048)	0.097 (0.093)	0.0057 (0.044)	0.46* (0.25)
PTA_{ijt}	-0.034 (0.055)	-0.084 (0.069)	-0.13** (0.067)	-0.077 (0.052)	-0.098* (0.056)	-0.097* (0.056)
$arc T_{ijht}$	-0.067 (0.051)	-0.065 (0.051)	-0.064 (0.050)	-0.040 (0.052)	-0.068 (0.051)	-0.065 (0.051)
$arc ADP_{ijht}$	-0.075 (0.094)	-0.075 (0.094)	-0.063 (0.097)	-0.074 (0.093)	-0.077 (0.094)	-0.073 (0.093)
$arc CV_{ijht}$	-1.28*** (0.36)	-1.29*** (0.36)	-1.28*** (0.35)	-1.22*** (0.34)	-1.27*** (0.35)	-1.29*** (0.36)
Constant	13.7*** (0.033)	13.7*** (0.070)	13.6*** (0.026)	13.7*** (0.014)	13.7*** (0.014)	13.7*** (0.014)
Observations	3237031	3237031	3237031	3237031	3237031	3237031
Pseudo R-squared	0.991	0.991	0.991	0.991	0.991	0.991
AIC	1.01280e+09	1.01291e+09	1.01192e+09	1.01075e+09	1.01283e+09	1.01256e+09
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * p<0.1, ** p<0.05, *** p<0.01.

Table A3 / PPML estimation results for bilateral import volumes of all ICT goods during 2012-2018

Dep. var. is m_{ijht}^q , and c is:	Consumer, safety, health	ICT specific, and qualitative	Environmental, animal, plant	Labelling, packaging, metrology, cost saving	Trade facilitation, conformity, harmonisation	National security requirements
$TBT_{ijht}^{SIM,c}$	-0.053 (0.048)	-0.016 (0.087)	0.0096 (0.042)	0.098* (0.052)	-0.070 (0.099)	-0.23 (0.19)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	0.30*** (0.094)	-0.068 (0.084)	0.16*** (0.056)	0.071 (0.065)	0.18* (0.10)	0.28 (0.18)
PTA_{ijt}	-0.28*** (0.092)	-0.023 (0.073)	-0.14** (0.062)	-0.040 (0.060)	-0.062 (0.060)	-0.058 (0.060)
$arc T_{ijht}$	-0.052 (0.13)	-0.088 (0.13)	-0.074 (0.13)	-0.069 (0.13)	-0.089 (0.13)	-0.088 (0.13)
$arc ADP_{ijht}$	-0.40*** (0.15)	-0.40*** (0.15)	-0.39*** (0.15)	-0.40*** (0.15)	-0.40*** (0.15)	-0.40*** (0.15)
$arc CV_{ijht}$	-3.95*** (0.70)	-3.72*** (0.75)	-3.79*** (0.75)	-3.65*** (0.72)	-3.77*** (0.73)	-3.72*** (0.75)
Constant	9.20*** (0.043)	9.16*** (0.059)	9.15*** (0.035)	9.13*** (0.027)	9.15*** (0.027)	9.15*** (0.027)
Observations	3107337	3107337	3107337	3107337	3107337	3107337
Pseudo R-squared	0.985	0.985	0.985	0.985	0.985	0.985
AIC	17398445.0	17416377.3	17407117.9	17408379.8	17412673.4	17416374.2
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * p<0.1, ** p<0.05, *** p<0.01.

Table A4 / OLS estimation results for bilateral import prices of all ICT goods during 2012-2018

Dep. var. is m_{ijht}^p , and c is:	Consumer, safety, health	ICT specific, and qualitative	Environmental, animal, plant	Labelling, packaging, metrology, cost saving	Trade facilitation, conformity, harmonisation	National security requirements
$TBT_{ijht}^{SIM,c}$	-0.0080 (0.011)	-0.061*** (0.019)	-0.0065 (0.012)	0.0011 (0.013)	0.014 (0.015)	-0.084 (0.055)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	-0.039*** (0.013)	0.041** (0.018)	-0.017 (0.015)	-0.025 (0.016)	0.015 (0.017)	0.020 (0.048)
PTA_{ijt}	0.0063 (0.012)	-0.014 (0.013)	-0.0012 (0.012)	-0.0029 (0.012)	-0.0048 (0.012)	-0.0026 (0.012)
$arcT_{ijht}$	-0.074 (0.076)	-0.065 (0.076)	-0.071 (0.076)	-0.072 (0.076)	-0.067 (0.076)	-0.069 (0.076)
$arcADP_{ijht}$	-0.25* (0.14)	-0.25* (0.14)	-0.25* (0.14)	-0.25* (0.14)	-0.25* (0.14)	-0.25* (0.14)
$arcCV_{ijht}$	-0.069 (0.18)	-0.062 (0.18)	-0.065 (0.18)	-0.067 (0.18)	-0.064 (0.18)	-0.064 (0.18)
Constant	4.55*** (0.0061)	4.56*** (0.0069)	4.55*** (0.0050)	4.55*** (0.0049)	4.55*** (0.0048)	4.55*** (0.0047)
Observations	1544836	1544836	1544836	1544836	1544836	1544836
Pseudo R-squared	0.588	0.588	0.588	0.588	0.588	0.588
AIC	4349175.3	4349172.3	4349192.9	4349191.1	4349190.9	4349191.7
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * p<0.1, ** p<0.05, *** p<0.01.

Table A5 / PPML estimation results for bilateral import values of all ICT goods during 2012-2018 using UNCTAD NTMs data and MAST classification

Dep. var. is m_{ijht}^v and c is:	B1 - Import authorization/licensing related to technical barriers to trade	B2 - Tolerance limits for residues and restricted use of substances	B3 - Labelling, marking and packaging requirements	B4 - Production or post-production requirements	B6 - Product identity requirements	B7 - Product quality, safety or performance requirements	B8 - Conformity assessment related to technical barriers to trade	B9 - Technical barriers to trade measures not elsewhere specified
$TBT_{ijht}^{SIM,c}$	0.24 (0.51)	-0.066 (0.14)	-0.11*** (0.041)	0.0084 (0.037)	11.6*** (0.52)	-0.13*** (0.045)	-0.050 (0.032)	0.45 (0.70)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	-0.52 (0.61)		0.055 (0.056)	0.12** (0.059)		0.19* (0.099)	0.12*** (0.042)	
PTA_{ijt}	-0.097* (0.056)	-0.097* (0.056)	-0.12* (0.059)	-0.071 (0.054)	-0.097* (0.056)	-0.12** (0.061)	-0.16** (0.068)	-0.097* (0.056)
$\text{arc } T_{ijht}$	-0.065 (0.051)	-0.065 (0.051)	-0.066 (0.051)	-0.060 (0.051)	-0.065 (0.051)	-0.066 (0.051)	-0.059 (0.050)	-0.065 (0.051)
$\text{arc } ADP_{ijht}$	-0.074 (0.093)	-0.073 (0.093)	-0.073 (0.093)	-0.076 (0.094)	-0.074 (0.093)	-0.080 (0.094)	-0.061 (0.093)	-0.074 (0.093)
$\text{arc } CV_{ijht}$	-1.29*** (0.36)	-1.29*** (0.36)	-1.29*** (0.36)	-1.28*** (0.36)	-1.29*** (0.36)	-1.28*** (0.36)	-1.27*** (0.35)	-1.29*** (0.36)
Constant	13.7*** (0.014)	13.7*** (0.014)	13.7*** (0.016)	13.7*** (0.013)	13.7*** (0.014)	13.7*** (0.017)	13.7*** (0.017)	13.7*** (0.014)
Observations	3237031	3236952	3237031	3237031	3237031	3237031	3237031	3237031
Pseudo R-squared	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991
AIC	1.01293e+09	1.01288e+09	1.01238e+09	1.01216e+09	1.01293e+09	1.01184e+09	1.01175e+09	1.01293e+09
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * p<0.1, ** p<0.05, *** p<0.01.

Table A6 / PPML estimation results for bilateral import volumes of all ICT goods during 2012-2018 using UNCTAD NTMs data and MAST classification

Dep. var. is m_{ijht}^q , and c is:	B1 - Import authorization/licensing related to technical barriers to trade	B2 - Tolerance limits for residues and restricted use of substances	B3 - Labelling, marking and packaging requirements	B4 - Production or post-production requirements	B6 - Product identity requirements	B7 - Product quality, safety or performance requirements	B8 - Conformity assessment related to technical barriers to trade	B9 - Technical barriers to trade measures not elsewhere specified
$TBT_{ijht}^{SIM,c}$	0.52 (0.64)	0.045 (0.17)	-0.038 (0.048)	0.035 (0.036)	13.2*** (0.38)	0.056 (0.043)	0.041 (0.039)	0.43 (0.72)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	-0.75 (0.70)		0.045 (0.048)	0.038 (0.061)		0.056 (0.059)	0.050 (0.062)	
PTA_{ijt}	-0.058 (0.060)	-0.058 (0.060)	-0.075 (0.066)	-0.050 (0.061)	-0.058 (0.060)	-0.080 (0.064)	-0.097 (0.074)	-0.058 (0.060)
$\text{arc}T_{ijht}$	-0.089 (0.13)	-0.089 (0.13)	-0.085 (0.13)	-0.082 (0.14)	-0.089 (0.13)	-0.079 (0.13)	-0.073 (0.13)	-0.089 (0.13)
$\text{arc}ADP_{ijht}$	-0.40*** (0.15)	-0.40*** (0.15)	-0.40*** (0.15)	-0.40*** (0.15)	-0.40*** (0.15)	-0.40*** (0.15)	-0.40*** (0.15)	-0.40*** (0.15)
$\text{arc}CV_{ijht}$	-3.72*** (0.75)	-3.72*** (0.75)	-3.72*** (0.75)	-3.72*** (0.75)	-3.72*** (0.75)	-3.73*** (0.75)	-3.70*** (0.74)	-3.72*** (0.75)
Constant	9.15*** (0.027)	9.15*** (0.027)	9.16*** (0.030)	9.15*** (0.027)	9.15*** (0.027)	9.15*** (0.028)	9.15*** (0.029)	9.15*** (0.027)
Observations	3107337	3107260	3107337	3107337	3107337	3107337	3107337	3107337
Pseudo R-squared	0.985	0.985	0.985	0.985	0.985	0.985	0.985	0.985
AIC	17416990.6	17416942.2	17416089.4	17416089.9	17417002.3	17414501.4	17413563.4	17417002.5
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * p<0.1, ** p<0.05, *** p<0.01.

Table A7 / OLS estimation results for bilateral import prices of all ICT goods during 2012-2018 using UNCTAD NTMs data and MAST classification

Dep. var. is m_{ijht}^p and c is:	B1 - Import authorization/licensing related to technical barriers to trade	B2 - Tolerance limits for residues and restricted use of substances	B3 - Labelling, marking and packaging requirements	B4 - Production or post-production requirements	B6 - Product identity requirements	B7 - Product quality, safety or performance requirements	B8 - Conformity assessment related to technical barriers to trade	B9 - Technical barriers to trade measures not elsewhere specified
$TBT_{ijht}^{SIM,c}$	0.39* (0.22)	-0.029 (0.028)	-0.0026 (0.0091)	0.0061 (0.012)		-0.0064 (0.011)	0.0012 (0.0081)	0.36 (0.66)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	0.041 (0.27)	-0.0084 (0.012)	-0.015*** (0.0052)	-0.017*** (0.0057)		-0.014** (0.0054)	-0.013*** (0.0046)	
PTA_{ijt}	-0.0023 (0.012)	-0.0012 (0.012)	0.0016 (0.012)	-0.0013 (0.012)	-0.0023 (0.012)	-0.00026 (0.012)	0.00040 (0.012)	-0.0023 (0.012)
$\text{arc } T_{ijht}$	-0.064 (0.075)	-0.060 (0.075)	-0.063 (0.075)	-0.062 (0.075)	-0.064 (0.075)	-0.062 (0.075)	-0.064 (0.075)	-0.064 (0.075)
$\text{arc } ADP_{ijht}$	-0.23* (0.14)	-0.23* (0.14)	-0.23* (0.14)	-0.23* (0.14)	-0.23* (0.14)	-0.23* (0.14)	-0.23* (0.14)	-0.23* (0.14)
$\text{arc } CV_{ijht}$	-0.18 (0.18)	-0.18 (0.18)	-0.18 (0.18)	-0.18 (0.18)	-0.18 (0.18)	-0.17 (0.18)	-0.17 (0.18)	-0.18 (0.18)
Constant	-0.055 (0.049)	-0.016 (0.051)	-0.028 (0.050)	-0.021 (0.050)	-0.055 (0.049)	-0.020 (0.050)	-0.026 (0.050)	-0.055 (0.049)
Observations	4.56***	4.56***	4.56***	4.56***	4.56***	4.56***	4.56***	4.56***
Pseudo R-squared	(0.0077)	(0.0078)	(0.0078)	(0.0078)	(0.0077)	(0.0078)	(0.0078)	(0.0077)
AIC	1786249	1786249	1786249	1786249	1786249	1786249	1786249	1786249
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * p<0.1, ** p<0.05, *** p<0.01.

Table A8 / PPML estimation results for bilateral import values of all ICT goods during the period 1996-2019 including intra-EU trade

Dep. var. is m_{ijht}^v , and c is:	Consumer, safety, health	ICT specific, and qualitative	Environmental, animal, plant	Labelling, packaging, metrology, cost saving	Trade facilitation, conformity, harmonisation	National security requirements
$TBT_{ijht}^{SIM,c}$	0.084*** (0.024)	0.068** (0.030)	0.061** (0.031)	0.037 (0.040)	-0.12*** (0.045)	-0.19 (0.15)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	0.088*** (0.016)	0.036** (0.017)	0.083*** (0.017)	0.097*** (0.023)	0.15*** (0.022)	0.21*** (0.062)
PTA_{ijt}	-0.032 (0.025)	-0.0058 (0.024)	-0.013 (0.024)	-0.012 (0.024)	-0.0051 (0.024)	0.0093 (0.024)
$arcT_{ijht}$	-0.36*** (0.091)	-0.35*** (0.089)	-0.36*** (0.091)	-0.35*** (0.092)	-0.36*** (0.090)	-0.36*** (0.091)
$arcADP_{ijht}$	-0.041 (0.044)	-0.035 (0.044)	-0.039 (0.045)	-0.039 (0.044)	-0.043 (0.045)	-0.035 (0.044)
$arcCV_{ijht}$	-0.76*** (0.12)	-0.77*** (0.12)	-0.76*** (0.12)	-0.76*** (0.12)	-0.76*** (0.12)	-0.77*** (0.12)
$arcQR_{ijht}$	-0.22 (0.51)	-0.23 (0.51)	-0.20 (0.51)	-0.25 (0.50)	-0.26 (0.50)	-0.27 (0.50)
EU_{ijt}	0.15** (0.072)	0.10 (0.071)	0.097 (0.071)	0.11 (0.071)	0.10 (0.071)	0.091 (0.071)
Constant	12.9*** (0.23)	12.9*** (0.23)	12.9*** (0.23)	12.9*** (0.23)	12.9*** (0.23)	12.9*** (0.23)
Observations	14014559	14014559	14014559	14014559	14014559	14014559
Pseudo R-squared	0.979	0.979	0.979	0.979	0.979	0.979
AIC	6.23721e+09	6.24282e+09	6.23852e+09	6.23849e+09	6.23721e+09	6.24111e+09
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * p<0.1, ** p<0.05, *** p<0.01.

Table A9 / PPML estimation results for bilateral import volumes of all ICT goods during the period 1996-2019 including intra-EU trade

Dep. var. is m_{ijht}^q , and c is:	Consumer, safety, health	ICT specific, and qualitative	Environmental, animal, plant	Labelling, packaging, metrology, cost saving	Trade facilitation, conformity, harmonisation	National security requirements
$TBT_{ijht}^{SIM,c}$	-0.020 (0.028)	0.0064 (0.032)	-0.016 (0.031)	-0.043 (0.052)	-0.10* (0.062)	-0.18 (0.12)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	0.11*** (0.017)	0.026 (0.018)	0.10*** (0.020)	0.12*** (0.031)	0.19*** (0.029)	0.27*** (0.050)
PTA_{ijt}	0.018 (0.034)	0.060* (0.033)	0.048 (0.034)	0.048 (0.033)	0.051 (0.034)	0.072** (0.035)
$arcT_{ijht}$	-1.00*** (0.20)	-0.97*** (0.20)	-1.00*** (0.20)	-0.98*** (0.20)	-0.99*** (0.20)	-0.99*** (0.20)
$arcADP_{ijht}$	-0.0010 (0.047)	0.0041 (0.048)	0.00033 (0.048)	0.00010 (0.048)	-0.0032 (0.048)	0.0012 (0.048)
$arcCV_{ijht}$	-1.09*** (0.23)	-1.10*** (0.23)	-1.08*** (0.23)	-1.10*** (0.23)	-1.09*** (0.23)	-1.10*** (0.23)
$arcQR_{ijht}$	0.052 (0.53)	-0.00043 (0.53)	0.050 (0.53)	-0.0037 (0.53)	0.0047 (0.53)	-0.011 (0.53)
EU_{ijt}	-0.16* (0.087)	-0.22** (0.088)	-0.22** (0.088)	-0.21** (0.086)	-0.22** (0.088)	-0.24*** (0.088)
Constant	8.91*** (0.13)	8.91*** (0.13)	8.90*** (0.13)	8.91*** (0.13)	8.91*** (0.13)	8.92*** (0.13)
Observations	13621090	13621090	13621090	13621090	13621090	13621090
Pseudo R-squared	0.972	0.972	0.972	0.972	0.972	0.972
AIC	143742933.8	143829732.4	143763756.4	143770407.8	143708290.4	143769733.6
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * p<0.1, ** p<0.05, *** p<0.01.

Table A10 / OLS estimation results for bilateral import prices of all ICT goods during the period 1996-2019 including intra-EU trade

Dep. var. is m_{ijht}^p , and c is:	Consumer, safety, health	ICT specific, and qualitative	Environmental, animal, plant	Labelling, packaging, metrology, cost saving	Trade facilitation, conformity, harmonisation	National security requirements
$TBT_{ijht}^{SIM,c}$	-0.0099* (0.0052)	-0.014** (0.0060)	0.017** (0.0067)	0.024*** (0.0079)	0.0063 (0.0086)	-0.079*** (0.027)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	-0.028*** (0.0029)	-0.013*** (0.0031)	-0.025*** (0.0035)	-0.030*** (0.0039)	-0.030*** (0.0041)	-0.011 (0.011)
PTA_{ijt}	0.019*** (0.0046)	0.017*** (0.0046)	0.015*** (0.0045)	0.015*** (0.0045)	0.014*** (0.0045)	0.012*** (0.0045)
$arc T_{ijht}$	-0.14*** (0.041)	-0.14*** (0.041)	-0.14*** (0.041)	-0.14*** (0.041)	-0.13*** (0.041)	-0.13*** (0.041)
$arc ADP_{ijht}$	-0.091*** (0.021)	-0.095*** (0.021)	-0.092*** (0.021)	-0.092*** (0.021)	-0.091*** (0.021)	-0.094*** (0.021)
$arc CV_{ijht}$	0.043 (0.073)	0.052 (0.073)	0.040 (0.073)	0.044 (0.073)	0.041 (0.073)	0.055 (0.073)
$arc QR_{ijht}$	0.0080 (0.25)	0.011 (0.25)	0.014 (0.25)	0.022 (0.25)	0.019 (0.25)	0.019 (0.25)
EU_{ijt}	-0.098*** (0.012)	-0.096*** (0.012)	-0.092*** (0.012)	-0.098*** (0.012)	-0.095*** (0.012)	-0.099*** (0.012)
Constant	4.40*** (0.031)	4.40*** (0.031)	4.39*** (0.031)	4.39*** (0.031)	4.39*** (0.031)	4.39*** (0.031)
Observations	5254808	5254808	5254808	5254808	5254808	5254808
Pseudo R-squared	0.550	0.550	0.550	0.550	0.550	0.550
AIC	15613027.4	15613177.9	15613136.8	15613131.1	15613092.8	15613124.2
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * p<0.1, ** p<0.05, *** p<0.01.

Table A11 / PPML estimation results for bilateral import values of all ICT goods during the period 1996-2019 – developed economies as importing and exporting countries

Dep. var. is m_{ijht}^v , and c is:	Consumer, safety, health	ICT specific, and qualitative	Environmental, animal, plant	Labelling, packaging, metrology, cost saving	Trade facilitation, conformity, harmonisation	National security requirements
$TBT_{ijht}^{SIM,c}$	0.044 (0.038)	0.099** (0.040)	0.21*** (0.060)	0.011 (0.057)	0.058 (0.056)	0.44* (0.24)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	-0.13*** (0.042)	-0.074** (0.038)	-0.28*** (0.073)	-0.30*** (0.072)	-0.27*** (0.049)	-0.44*** (0.15)
PTA_{ijt}	0.14*** (0.044)	0.11*** (0.041)	0.17*** (0.040)	0.15*** (0.041)	0.12*** (0.043)	0.062 (0.043)
$arc T_{ijht}$	-0.91* (0.49)	-0.95* (0.49)	-1.02** (0.50)	-1.11** (0.49)	-1.13** (0.49)	-0.90* (0.49)
$arc ADP_{ijht}$	-0.13** (0.060)	-0.12** (0.059)	-0.13** (0.060)	-0.12** (0.059)	-0.11* (0.059)	-0.12** (0.060)
$arc CV_{ijht}$	-0.41*** (0.11)	-0.41*** (0.11)	-0.42*** (0.11)	-0.39*** (0.11)	-0.40*** (0.11)	-0.40*** (0.11)
Constant	11.9*** (0.021)	11.8*** (0.023)	11.8*** (0.017)	11.9*** (0.018)	11.9*** (0.016)	11.9*** (0.016)
Observations	1404385	1404385	1404385	1404385	1404385	1404385
Pseudo R-squared	0.981	0.981	0.981	0.981	0.981	0.981
AIC	588634249.9	588755232.9	587923394.7	587821145.9	588043517.9	588969391.4
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * p<0.1, ** p<0.05, *** p<0.01.

Table A12 / PPML estimation results for bilateral import volumes of all ICT goods during the period 1996-2019 – developed economies as importing and exporting countries

Dep. var. is m_{ijht}^q , and c is:	Consumer, safety, health	ICT specific, and qualitative	Environmental, animal, plant	Labelling, packaging, metrology, cost saving	Trade facilitation, conformity, harmonisation	National security requirements
$TBT_{ijht}^{SIM,c}$	0.052 (0.045)	0.088* (0.053)	0.15 (0.095)	-0.13* (0.076)	0.18** (0.072)	0.16 (0.24)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	-0.073 (0.055)	-0.014 (0.049)	-0.23** (0.100)	-0.28*** (0.089)	-0.20*** (0.074)	-0.29** (0.13)
PTA_{ijt}	0.025 (0.058)	-0.0016 (0.056)	0.064 (0.060)	0.076 (0.054)	0.037 (0.052)	-0.010 (0.050)
$arcT_{ijht}$	-1.88*** (0.58)	-1.91*** (0.58)	-1.91*** (0.58)	-1.95*** (0.58)	-1.93*** (0.58)	-1.89*** (0.58)
$arcADP_{ijht}$	-0.20*** (0.075)	-0.21*** (0.075)	-0.21*** (0.075)	-0.21*** (0.075)	-0.21*** (0.076)	-0.20*** (0.075)
$arcCV_{ijht}$	0.067 (0.24)	0.063 (0.24)	0.061 (0.24)	0.073 (0.25)	0.071 (0.25)	0.069 (0.24)
Constant	7.84*** (0.026)	7.83*** (0.028)	7.83*** (0.025)	7.86*** (0.026)	7.84*** (0.024)	7.86*** (0.023)
Observations	1386551	1386551	1386551	1386551	1386551	1386551
Pseudo R-squared	0.975	0.975	0.975	0.975	0.975	0.975
AIC	10056261.1	10055547.5	10052681.9	10047399.6	10053147.9	10057068.0
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * $p < 0.1$, ** $p < 0.05$, *** $p < 0.01$.

Table A13 / OLS estimation results for bilateral import prices of all ICT goods during the period 1996-2019 – developed economies as importing and exporting countries

Dep. var. is m_{ijht}^p , and c is:	Consumer, safety, health	ICT specific, and qualitative	Environmental, animal, plant	Labelling, packaging, metrology, cost saving	Trade facilitation, conformity, harmonisation	National security requirements
$TBT_{ijht}^{SIM,c}$	-0.026** (0.012)	-0.0078 (0.015)	-0.059*** (0.020)	-0.0086 (0.020)	-0.055** (0.022)	0.095 (0.087)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	0.029** (0.012)	0.019 (0.012)	0.046** (0.021)	0.034* (0.018)	0.042** (0.017)	-0.020 (0.058)
PTA_{ijt}	0.010 (0.011)	0.013 (0.011)	0.016 (0.011)	0.016 (0.011)	0.013 (0.011)	0.018* (0.011)
$arcT_{ijht}$	0.0023 (0.13)	0.0061 (0.13)	0.0049 (0.13)	0.0043 (0.13)	0.00022 (0.13)	-0.0014 (0.13)
$arcADP_{ijht}$	0.025 (0.044)	0.026 (0.044)	0.028 (0.044)	0.026 (0.044)	0.023 (0.044)	0.027 (0.044)
$arcCV_{ijht}$	-0.22 (0.19)	-0.22 (0.19)	-0.22 (0.19)	-0.22 (0.19)	-0.22 (0.19)	-0.22 (0.19)
Constant	4.85*** (0.0062)	4.84*** (0.0071)	4.84*** (0.0057)	4.84*** (0.0058)	4.84*** (0.0059)	4.84*** (0.0055)
Observations	869406	869406	869406	869406	869406	869406
Pseudo R-squared	0.569	0.569	0.569	0.569	0.569	0.569
AIC	2255699.6	2255711.1	2255695.0	2255708.6	2255697.9	2255713.5
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * $p < 0.1$, ** $p < 0.05$, *** $p < 0.01$.

Table A14 / PPML estimation results for bilateral import values of all ICT goods during the period 1996-2019 – developed economies as importing and developing economies as exporting countries

Dep. var. is m_{ijht}^v , and c is:	Consumer, safety, health	ICT specific, and qualitative	Environmental, animal, plant	Labelling, packaging, metrology, cost saving	Trade facilitation, conformity, harmonisation	National security requirements
$TBT_{ijht}^{SIM,c}$	0.012 (0.036)	0.097** (0.040)	-0.053 (0.050)	-0.11 (0.10)	-0.11 (0.096)	-1.19*** (0.26)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	-0.067 (0.054)	0.030 (0.086)	0.019 (0.094)	0.13 (0.090)	0.087 (0.082)	2.16*** (0.60)
PTA_{ijt}	0.092** (0.046)	0.044 (0.046)	0.056 (0.043)	0.036 (0.046)	0.053 (0.044)	0.059 (0.047)
$arc T_{ijht}$	-1.21 (0.81)	-1.08 (0.82)	-1.08 (0.81)	-1.09 (0.81)	-1.09 (0.82)	-1.13 (0.82)
$arc ADP_{ijht}$	-0.0062 (0.060)	-0.0089 (0.060)	-0.0048 (0.060)	-0.0051 (0.061)	-0.0100 (0.061)	-0.0050 (0.060)
$arc CV_{ijht}$	-0.60*** (0.14)	-0.60*** (0.15)	-0.60*** (0.15)	-0.63*** (0.16)	-0.60*** (0.15)	-0.61*** (0.15)
$arc QR_{ijht}$	-1.08* (0.64)	-1.04 (0.65)	-1.06* (0.64)	-1.04 (0.64)	-1.05 (0.64)	-1.05 (0.64)
Constant	14.0*** (0.18)	13.9*** (0.18)	14.0*** (0.18)	14.0*** (0.18)	14.0*** (0.18)	14.0*** (0.18)
Observations	2624392	2624392	2624392	2624392	2624392	2624392
Pseudo R-squared	0.991	0.991	0.991	0.991	0.991	0.991
AIC	897692085.7	897547272.5	897799768.2	897170423.7	897700984.5	895669071.2
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * p<0.1, ** p<0.05, *** p<0.01.

Table A15 / PPML estimation results for bilateral import volumes of all ICT goods during the period 1996-2019 – developed economies as importing and developing economies as exporting countries

Dep. var. is m_{ijht}^q , and c is:	Consumer, safety, health	ICT specific, and qualitative	Environmental, animal, plant	Labelling, packaging, metrology, cost saving	Trade facilitation, conformity, harmonisation	National security requirements
$TBT_{ijht}^{SIM,c}$	0.0015 (0.059)	0.12* (0.060)	0.036 (0.068)	-0.18 (0.17)	0.35* (0.19)	-1.27*** (0.34)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	0.030 (0.075)	0.14 (0.13)	0.090 (0.16)	0.091 (0.13)	0.045 (0.13)	1.90*** (0.52)
PTA_{ijt}	0.28*** (0.077)	0.22*** (0.065)	0.28*** (0.068)	0.28*** (0.069)	0.27*** (0.075)	0.30*** (0.094)
$arc T_{ijht}$	-3.37*** (1.24)	-3.55*** (1.23)	-3.40*** (1.25)	-3.37*** (1.20)	-3.18*** (1.16)	-3.42*** (1.25)
$arc ADP_{ijht}$	0.068 (0.062)	0.069 (0.062)	0.066 (0.062)	0.071 (0.061)	0.062 (0.062)	0.069 (0.061)
$arc CV_{ijht}$	-0.84** (0.34)	-0.84** (0.34)	-0.85** (0.34)	-0.86** (0.34)	-0.85** (0.34)	-0.84** (0.34)
$arc QR_{ijht}$	0.31 (0.80)	0.40 (0.79)	0.32 (0.79)	0.32 (0.80)	0.33 (0.79)	0.29 (0.80)
Constant	9.72*** (0.17)	9.63*** (0.17)	9.71*** (0.17)	9.73*** (0.17)	9.72*** (0.17)	9.72*** (0.17)
Observations	2526035	2526035	2526035	2526035	2526035	2526035
Pseudo R-squared	0.987	0.987	0.987	0.987	0.987	0.987
AIC	22790669.4	22771958.9	22786800.5	22783129.6	22763050.3	22786103.5
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * p<0.1, ** p<0.05, *** p<0.01.

Table A16 / OLS estimation results for bilateral import prices of all ICT goods during the period 1996-2019 – developed economies as importing and developing economies as exporting countries

Dep. var. is m_{ijht}^p , and c is:	Consumer, safety, health	ICT specific, and qualitative	Environmental, animal, plant	Labelling, packaging, metrology, cost saving	Trade facilitation, conformity, harmonisation	National security requirements
$TBT_{ijht}^{SIM,c}$	-0.020 (0.013)	-0.016 (0.015)	-0.054*** (0.018)	0.0020 (0.023)	0.054* (0.029)	-0.065 (0.11)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	0.014 (0.017)	0.033 (0.020)	0.098*** (0.023)	0.011 (0.025)	0.029 (0.036)	0.18 (0.18)
PTA_{ijt}	0.0082 (0.013)	0.0043 (0.012)	0.0017 (0.012)	0.012 (0.012)	0.011 (0.012)	0.013 (0.012)
$arc T_{ijht}$	-0.66*** (0.23)	-0.66*** (0.23)	-0.61*** (0.23)	-0.68*** (0.23)	-0.69*** (0.23)	-0.68*** (0.23)
$arc ADP_{ijht}$	-0.10*** (0.036)	-0.10*** (0.036)	-0.11*** (0.036)	-0.10*** (0.036)	-0.10*** (0.036)	-0.10*** (0.036)
$arc CV_{ijht}$	0.11 (0.13)	0.11 (0.13)	0.13 (0.13)	0.11 (0.13)	0.10 (0.13)	0.10 (0.13)
$arc QR_{ijht}$	0.12 (0.36)	0.13 (0.36)	0.13 (0.36)	0.12 (0.36)	0.12 (0.36)	0.12 (0.36)
Constant	4.46*** (0.050)	4.46*** (0.050)	4.46*** (0.050)	4.45*** (0.050)	4.45*** (0.050)	4.45*** (0.050)
Observations	813679	813679	813679	813679	813679	813679
Pseudo R-squared	0.510	0.510	0.510	0.510	0.510	0.510
AIC	2312648.9	2312647.7	2312611.3	2312653.5	2312643.6	2312652.6
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * p<0.1, ** p<0.05, *** p<0.01.

Table A17 / PPML estimation results for bilateral import values of all ICT goods during the period 1996-2019 – developing economies as importing and exporting countries

Dep. var. is m_{ijht}^v , and c is:	Consumer, safety, health	ICT specific, and qualitative	Environmental, animal, plant	Labelling, packaging, metrology, cost saving	Trade facilitation, conformity, harmonisation	National security requirements
$TBT_{ijht}^{SIM,c}$	0.25*** (0.059)	0.040 (0.087)	0.15** (0.072)	0.0061 (0.11)	-0.21 (0.13)	1.25** (0.50)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	-0.25*** (0.090)	-0.22* (0.13)	-0.25** (0.099)	-0.070 (0.13)	0.069 (0.49)	0 (.)
PTA_{ijt}	0.13 (0.085)	0.072 (0.078)	0.100 (0.081)	0.062 (0.080)	0.060 (0.077)	0.060 (0.077)
$arc T_{ijht}$	-1.13*** (0.28)	-1.15*** (0.29)	-1.09*** (0.27)	-1.13*** (0.28)	-1.13*** (0.28)	-1.13*** (0.28)
$arc ADP_{ijht}$	0.066 (0.11)	0.056 (0.11)	0.056 (0.11)	0.058 (0.11)	0.058 (0.11)	0.059 (0.11)
Constant	13.4*** (0.016)	13.5*** (0.027)	13.5*** (0.010)	13.5*** (0.0076)	13.5*** (0.0073)	13.5*** (0.0073)
Observations	4061437	4061437	4061437	4061437	4061437	4061437
Pseudo R-squared	0.988	0.988	0.988	0.988	0.988	0.988
AIC	1.01362e+09	1.01645e+09	1.01557e+09	1.01672e+09	1.01669e+09	1.01438e+09
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * p<0.1, ** p<0.05, *** p<0.01.

Table A18 / PPML estimation results for bilateral import volumes of all ICT goods during the period 1996-2019 – developing economies as importing and exporting countries

Dep. var. is m_{ijht}^q , and c is:	Consumer, safety, health	ICT specific, and qualitative	Environmental, animal, plant	Labelling, packaging, metrology, cost saving	Trade facilitation, conformity, harmonisation	National security requirements
$TBT_{ijht}^{SIM,c}$	0.039 (0.048)	-0.15** (0.063)	-0.12** (0.060)	-0.050 (0.077)	0.071 (0.14)	0.98** (0.46)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	-0.092 (0.078)	-0.060 (0.10)	-0.13 (0.095)	0.013 (0.13)	-0.82 (0.62)	0 (.)
PTA_{ijt}	0.087 (0.068)	0.056 (0.061)	0.070 (0.064)	0.055 (0.062)	0.057 (0.059)	0.056 (0.059)
$\text{arc } T_{ijht}$	-1.21*** (0.29)	-1.22*** (0.30)	-1.20*** (0.29)	-1.19*** (0.29)	-1.19*** (0.29)	-1.19*** (0.29)
$\text{arc } ADP_{ijht}$	-0.067 (0.16)	-0.048 (0.16)	-0.069 (0.16)	-0.069 (0.16)	-0.066 (0.16)	-0.066 (0.16)
Constant	9.12*** (0.018)	9.17*** (0.020)	9.14*** (0.015)	9.13*** (0.014)	9.13*** (0.014)	9.13*** (0.014)
Observations	3891966	3891966	3891966	3891966	3891966	3891966
Pseudo R-squared	0.980	0.980	0.980	0.980	0.980	0.980
AIC	30063802.8	30053748.6	30058230.1	30065772.5	30065147.4	30060931.5
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * p<0.1, ** p<0.05, *** p<0.01.

Table A19 / OLS estimation results for bilateral import prices of all ICT goods during the period 1996-2019 – developing economies as importing and exporting countries

Dep. var. is m_{ijht}^p , and c is:	Consumer, safety, health	ICT specific, and qualitative	Environmental, animal, plant	Labelling, packaging, metrology, cost saving	Trade facilitation, conformity, harmonisation	National security requirements
$TBT_{ijht}^{SIM,c}$	0.025** (0.013)	-0.0095 (0.015)	0.079*** (0.020)	0.031 (0.025)	0.015 (0.047)	0.13 (0.30)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	-0.092*** (0.019)	-0.023 (0.022)	-0.30*** (0.040)	-0.10** (0.044)	0.22*** (0.086)	0 (.)
PTA_{ijt}	-0.024* (0.013)	-0.046*** (0.013)	-0.032** (0.013)	-0.046*** (0.013)	-0.048*** (0.013)	-0.047*** (0.013)
$\text{arc } T_{ijht}$	-0.11 (0.071)	-0.10 (0.071)	-0.094 (0.071)	-0.10 (0.071)	-0.100 (0.071)	-0.10 (0.071)
$\text{arc } ADP_{ijht}$	-0.0084 (0.12)	-0.012 (0.12)	-0.021 (0.12)	-0.012 (0.12)	-0.013 (0.12)	-0.013 (0.12)
Constant	3.71*** (0.0059)	3.71*** (0.0057)	3.71*** (0.0056)	3.71*** (0.0056)	3.71*** (0.0055)	3.71*** (0.0055)
Observations	1128593	1128593	1128593	1128593	1128593	1128593
Pseudo R-squared	0.561	0.561	0.561	0.561	0.561	0.561
AIC	3309560.7	3309615.6	3309469.5	3309605.7	3309602.8	3309616.9
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * p<0.1, ** p<0.05, *** p<0.01.

Table A20 / PPML estimation results for bilateral import values of all ICT goods during the period 1996-2019 – developing economies as importing and developed economies as exporting countries

Dep. var. is m_{ijht}^v , and c is:	Consumer, safety, health	ICT specific, and qualitative	Environmental, animal, plant	Labelling, packaging, metrology, cost saving	Trade facilitation, conformity, harmonisation	National security requirements
$TBT_{ijht}^{SIM,c}$	0.094** (0.048)	-0.053 (0.057)	-0.12** (0.050)	-0.094 (0.072)	-0.025 (0.089)	-0.74*** (0.24)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	0.071 (0.061)	0.022 (0.058)	-0.024 (0.063)	-0.0024 (0.064)	0.055 (0.081)	1.38*** (0.30)
PTA_{ijt}	-0.066 (0.046)	-0.036 (0.045)	-0.021 (0.043)	-0.024 (0.039)	-0.034 (0.039)	-0.030 (0.039)
$arcT_{ijht}$	-0.95*** (0.21)	-0.95*** (0.21)	-0.97*** (0.21)	-0.93*** (0.21)	-0.95*** (0.21)	-0.94*** (0.21)
$arcADP_{ijht}$	-0.055 (0.29)	-0.065 (0.29)	-0.074 (0.30)	-0.062 (0.29)	-0.064 (0.29)	-0.062 (0.29)
Constant	12.3*** (0.025)	12.4*** (0.025)	12.4*** (0.017)	12.4*** (0.016)	12.3*** (0.013)	12.3*** (0.013)
Observations	4154031	4154031	4154031	4154031	4154031	4154031
Pseudo R-squared	0.980	0.980	0.980	0.980	0.980	0.980
AIC	917631441.2	918101627.9	917641531.6	918023635.7	918132492.1	917248284.4
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * p<0.1, ** p<0.05, *** p<0.01.

Table A21 / PPML estimation results for bilateral import volumes of all ICT goods during the period 1996-2019 – developing economies as importing and developed economies as exporting countries

Dep. var. is m_{ijht}^q , and c is:	Consumer, safety, health	ICT specific, and qualitative	Environmental, animal, plant	Labelling, packaging, metrology, cost saving	Trade facilitation, conformity, harmonisation	National security requirements
$TBT_{ijht}^{SIM,c}$	-0.0013 (0.053)	0.085 (0.059)	0.085 (0.069)	0.12 (0.080)	-0.21** (0.10)	-0.27 (0.24)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	-0.0092 (0.075)	-0.29*** (0.070)	-0.31*** (0.086)	0.046 (0.071)	0.19** (0.087)	1.45*** (0.40)
PTA_{ijt}	0.11* (0.056)	0.22*** (0.048)	0.16*** (0.047)	0.091* (0.046)	0.093** (0.046)	0.10** (0.044)
$arcT_{ijht}$	-1.93*** (0.41)	-2.21*** (0.46)	-1.88*** (0.41)	-1.96*** (0.42)	-1.94*** (0.42)	-1.92*** (0.42)
$arcADP_{ijht}$	0.044 (0.12)	0.045 (0.12)	0.040 (0.12)	0.050 (0.12)	0.042 (0.12)	0.044 (0.12)
Constant	8.59*** (0.036)	8.60*** (0.041)	8.58*** (0.032)	8.58*** (0.034)	8.60*** (0.033)	8.59*** (0.032)
Observations	4055313	4055313	4055313	4055313	4055313	4055313
Pseudo R-squared	0.975	0.975	0.975	0.975	0.975	0.975
AIC	15922437.1	15906688.8	15909255.6	15920125.8	15920470.5	15920022.2
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * p<0.1, ** p<0.05, *** p<0.01.

Table A22 / OLS estimation results for bilateral import prices of all ICT goods during the period 1996-2019 – developing economies as importing and developed economies as exporting countries

Dep. var. is m_{ijht}^p , and c is:	Consumer, safety, health	ICT specific, and qualitative	Environmental, animal, plant	Labelling, packaging, metrology, cost saving	Trade facilitation, conformity, harmonisation	National security requirements
$TBT_{ijht}^{SIM,c}$	-0.042*** (0.010)	-0.060*** (0.014)	-0.068*** (0.019)	-0.064*** (0.019)	0.037 (0.023)	-0.052 (0.12)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	-0.044*** (0.015)	-0.024 (0.017)	-0.0083 (0.025)	-0.010 (0.024)	-0.074*** (0.029)	0.20 (0.21)
PTA_{ijt}	0.049*** (0.0094)	0.043*** (0.0093)	0.037*** (0.0087)	0.040*** (0.0088)	0.043*** (0.0088)	0.039*** (0.0086)
$arc T_{ijht}$	-0.098 (0.076)	-0.098 (0.076)	-0.095 (0.076)	-0.093 (0.076)	-0.093 (0.076)	-0.093 (0.076)
$arc ADP_{ijht}$	-0.047 (0.14)	-0.048 (0.14)	-0.047 (0.14)	-0.045 (0.14)	-0.044 (0.14)	-0.045 (0.14)
Constant	4.54*** (0.0059)	4.54*** (0.0061)	4.54*** (0.0058)	4.54*** (0.0057)	4.53*** (0.0057)	4.53*** (0.0056)
Observations	1735848	1735848	1735848	1735848	1735848	1735848
Pseudo R-squared	0.506	0.506	0.506	0.506	0.506	0.506
AIC	5202838.9	5202855.3	5202864.0	5202872.2	5202887.2	5202900.6
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * p<0.1, ** p<0.05, *** p<0.01.

Table A23 / Summary statistics by importing countries, annual averages over the period 1996-2019

No	Importer	ISO3	Developed	WTO member- ship	EU member- ship	Average tariffs	Average ADP	Average CV	Average QR	Average TBT	Aggregate imports in billion USD	Aggregate imports volume	Average unit value	PTA with TBT provision
1	Afghanistan	AFG	0	1	0	0.08	-	-	0.84059	-	0.77	11305.46	787.67	-
2	Albania	ALB	0	1	0	0.02	-	-	-	0.46	0.16	4077.34	456.20	0.17
3	Algeria	DZA	0	0	0	0.17	-	-	-	-	1.91	27964.18	977.81	-
4	Andorra	AND	0	0	0	0.00	-	-	-	-	0.09	804.57	892.08	-
5	Angola	AGO	0	1	0	0.07	-	-	-	-	0.37	16540.15	499.99	0.27
6	Antigua and Barbuda	ATG	0	1	0	0.11	-	-	-	-	0.02	574.45	709.24	0.05
7	Argentina	ARG	0	1	0	0.12	0.00047	-	-	10.66	4.68	81919.61	713.67	0.04
8	Armenia	ARM	0	1	0	0.03	-	-	-	2.42	0.24	5255.63	494.04	0.07
9	Aruba	ABW	0	0	0	0.12	-	-	-	-	0.05	719.90	421.03	-
10	Australia	AUS	1	1	0	0.01	0.00005	-	10.00953	1.78	17.81	324235.75	1034.60	0.07
11	Austria	AUT	1	1	1	0.01	0.00126	0.00022	0.00170	26.06	10.45	124750.38	483.03	0.57
12	Azerbaijan	AZE	0	0	0	0.10	-	-	-	-	0.46	5291.01	740.42	0.05
13	Bahamas	BHS	0	0	0	0.31	-	-	-	-	0.11	760.37	2536.71	0.17
14	Bahrain	BHR	0	1	0	0.02	-	-	-	1.90	0.65	6229.21	363.03	0.01
15	Bangladesh	BGD	0	1	0	0.15	-	-	-	-	1.97	38522.18	899.89	0.03
16	Barbados	BRB	0	1	0	0.00	-	-	-	-	0.07	3420.75	258.34	0.12
17	Belarus	BLR	0	0	0	0.03	-	-	-	-	1.08	16827.78	605.61	0.07
18	Belgium	BEL	1	1	1	0.01	0.00126	0.00022	0.00170	32.41	9.77	161598.92	695.94	0.48
19	Belize	BLZ	0	1	0	0.09	-	-	-	-	0.03	781.20	351.60	0.17
20	Benin	BEN	0	1	0	0.12	-	-	-	-	0.09	4892.42	337.82	0.06
21	Bermuda	BMU	0	0	0	0.23	-	-	-	-	0.05	546.93	1008.74	-
22	Bhutan	BTN	0	0	0	0.12	-	-	-	-	0.02	166.02	718.21	0.03
23	Bolivia	BOL	0	1	0	0.08	-	-	-	-	0.43	9639.40	466.99	-
24	Bosnia and Herzegovina	BIH	0	0	0	0.04	-	-	-	-	0.36	6622.86	285.73	0.05
25	Botswana	BWA	0	1	0	0.01	-	-	-	2.52	0.22	117437.69	583.51	0.21
26	Brazil	BRA	0	1	0	0.12	0.00033	-	-	12.68	11.45	318592.09	640.77	0.04
27	Brunei	BRN	0	1	0	0.01	-	-	-	-	0.10	1056.12	561.58	0.04
28	Bulgaria	BGR	1	1	1	0.01	0.00126	0.00022	0.00170	26.06	1.69	25800.58	445.21	0.50
29	Burkina Faso	BFA	0	1	0	0.12	-	-	-	-	0.13	8161.34	741.16	0.06
30	Burundi	BDI	0	1	0	0.12	-	-	-	0.14	0.03	1243.95	146.81	0.11
31	Cambodia	KHM	0	1	0	0.13	-	-	-	-	0.63	10702.53	680.26	0.02
32	Cameroon	CMR	0	1	0	0.20	-	-	-	0.84	0.33	9491.64	485.59	0.14
33	Canada	CAN	1	1	0	0.00	0.00022	0.00011	0.15519	25.57	29.00	260071.73	1448.37	0.16
34	Cape Verde	CPV	0	1	0	0.08	-	-	-	-	0.04	873.91	210.93	0.06
35	Cayman Islands	CYM	0	0	0	0.20	-	-	-	-	0.04	278.94	571.70	-
36	Central African Republic	CAF	0	1	0	0.20	-	-	-	-	0.03	1089.38	309.23	0.02

contd.

Table A 23 / (Contd.) Summary statistics by importing countries, annual averages over the period 1996-2019

No	Importer	ISO3	Developed	WTO membership	EU membership	Average tariffs	Average ADP	Average CV	Average QR	Average TBT	Aggregate imports in billion USD	Aggregate imports volume	Average unit value	PTA with TBT provision
37	Chile	CHL	1	1	0	0.04	-	-	-	3.72	4.49	82367.05	469.29	0.23
38	China	CHN	0	1	0	0.05	-	-	2.22434	27.13	84.85	465189.76	4664.51	0.04
39	Colombia	COL	0	1	0	0.04	-	-	-	1.22	4.72	73322.03	444.63	0.17
40	Comoros	COM	0	0	0	0.16	-	-	-	-	0.02	817.38	151.44	0.22
41	Congo	COG	0	1	0	0.12	-	-	-	-	0.11	4616.97	287.88	0.02
42	Cook Islands	COK	0	0	0	0.00	-	-	-	-	0.01	37.04	407.91	-
43	Costa Rica	CRI	0	1	0	0.02	-	-	-	0.76	1.18	14747.73	431.23	0.21
44	Cote d'Ivoire	CIV	0	1	0	0.12	-	-	-	0.02	0.41	14777.98	222.65	0.18
45	Croatia	HRV	1	1	1	0.01	0.00126	0.00022	0.00170	26.06	1.16	24173.03	719.20	0.61
46	Cuba	CUB	0	1	0	0.12	-	-	0.84059	0.24	0.26	6227.01	1014.60	-
47	Cyprus	CYP	1	1	1	0.01	0.00126	0.00022	0.00170	26.06	0.53	11703.89	314.63	0.47
48	Czechia	CZE	1	1	1	0.01	0.00126	0.00022	0.00170	29.13	21.76	235002.12	645.47	0.47
49	Democratic Republic of the Congo	COD	0	1	0	0.00	-	-	-	-	0.24	22394.99	379.05	0.27
50	Denmark	DNK	1	1	1	0.01	0.00126	0.00022	0.00170	41.14	6.45	67960.93	485.18	0.52
51	Djibouti	DJI	0	1	0	0.00	-	-	-	-	0.12	5644.08	525.82	0.10
52	Dominica	DMA	0	1	0	0.09	-	-	-	-	0.01	311.21	340.95	0.17
53	Dominican Republic	DOM	0	1	0	0.06	-	-	-	2.31	0.72	15770.81	647.01	0.14
54	Ecuador	ECU	0	1	0	0.10	-	-	-	0.36	1.07	19983.82	489.66	0.00
55	Egypt	EGY	0	1	0	0.07	-	-	-	1.78	3.99	138205.09	1984.87	0.23
56	El Salvador	SLV	0	1	0	0.02	-	-	-	2.55	0.64	17743.42	598.12	0.19
57	Eritrea	ERI	0	0	0	0.00	-	-	-	-	0.01	849.97	579.33	0.10
58	Estonia	EST	1	1	1	0.01	0.00126	0.00022	0.00170	26.06	1.45	33192.48	612.82	0.47
59	Ethiopia	ETH	0	0	0	0.18	-	-	-	-	0.43	11256.38	602.80	0.10
60	Faroe Islands	FRO	0	0	0	0.00	-	-	-	-	0.00	0.00	-	-
61	Fiji	FJI	0	1	0	0.08	-	-	-	-	0.13	1830.94	709.42	0.12
62	Finland	FIN	1	1	1	0.01	0.00126	0.00022	0.00170	27.61	4.68	56924.77	739.11	0.57
63	France	FRA	1	1	1	0.01	0.00126	0.00022	0.00170	26.29	33.06	411598.12	639.21	0.47
64	French Polynesia	PYF	0	0	0	0.07	-	-	-	-	0.11	1578.65	480.10	-
65	Gabon	GAB	0	1	0	0.20	-	-	-	1.00	0.08	2084.41	457.76	0.02
66	Gambia	GMB	0	1	0	0.12	-	-	-	-	0.02	1879.58	87.11	0.06
67	Georgia	GEO	0	1	0	0.00	-	-	0.91819	0.50	0.43	5153.61	358.23	0.18
68	Germany	DEU	1	1	1	0.01	0.00126	0.00022	0.00170	26.06	79.34	1042754.37	1405.57	0.48
69	Ghana	GHA	0	1	0	0.12	-	-	-	-	0.52	27696.22	196.06	0.06
70	Greece	GRC	1	1	1	0.01	0.00126	0.00022	0.00170	26.06	2.66	48742.67	411.94	0.48
71	Greenland	GRL	0	0	0	0.00	-	-	-	-	0.03	301.79	483.83	-
72	Grenada	GRD	0	1	0	0.10	-	-	-	0.84	0.02	473.80	222.16	0.17

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Table A23 / (Contd.) Summary statistics by importing countries, annual averages over the period 1996-2019

No	Importer	ISO3	Developed	WTO member-ship	EU member-ship	Average tariffs	Average ADP	Average CV	Average QR	Average TBT	Aggregate imports in billion USD	Aggregate imports volume	Average unit value	PTA with TBT provision
73	Guatemala	GTM	0	1	0	0.02	-	-	-	-	1.04	18441.74	415.31	0.18
74	Guinea	GIN	0	1	0	0.12	-	-	-	-	0.12	4638.86	209.30	0.06
75	Guinea-Bissau	GNB	0	1	0	0.12	-	-	-	-	0.01	340.08	201.52	0.06
76	Guyana	GUY	0	1	0	0.09	-	-	-	0.84	0.06	3617.03	244.54	0.17
77	Honduras	HND	0	1	0	0.02	-	-	-	-	0.48	10438.77	500.03	0.19
78	Hong Kong	HKG	0	1	0	0.00	-	-	9.38879	0.25	188.01	1012031.38	2069.52	0.03
79	Hungary	HUN	1	1	1	0.01	0.00126	0.00022	0.00170	26.22	11.30	183410.60	581.52	0.47
80	Iceland	ISL	1	1	0	0.01	-	-	-	-	0.35	2684.60	331.17	0.32
81	India	IND	0	1	0	0.05	0.00588	-	0.14225	2.87	33.34	458743.19	2939.51	0.08
82	Indonesia	IDN	0	1	0	0.05	-	-	-	1.86	11.63	222649.99	707.10	0.02
83	Iran	IRN	0	0	0	0.13	-	-	-	-	3.35	85122.06	1163.54	-
84	Iraq	IRQ	0	0	0	0.00	-	-	-	-	3.92	42017.80	720.99	-
85	Ireland	IRL	1	1	1	0.01	0.00126	0.00022	0.00170	26.06	7.86	57863.01	1655.38	0.48
86	Israel	ISR	1	1	0	0.01	-	-	-	14.30	5.18	56046.49	1799.51	0.14
87	Italy	ITA	1	1	1	0.01	0.00126	0.00022	0.00170	26.24	21.96	312415.00	671.30	0.48
88	Jamaica	JAM	0	1	0	0.08	-	-	-	1.00	0.21	6808.88	310.15	0.17
89	Japan	JPN	1	1	0	0.00	-	-	16.22122	18.44	54.10	791410.37	2476.01	0.12
90	Jordan	JOR	0	1	0	0.10	-	-	-	5.57	0.82	37262.88	877.61	0.14
91	Kazakhstan	KAZ	0	1	0	0.03	-	-	1.47427	1.27	1.71	37721.77	767.84	0.07
92	Kenya	KEN	0	1	0	0.12	-	-	-	10.66	1.00	36739.15	278.34	0.11
93	Kiribati	KIR	0	0	0	0.00	-	-	-	-	0.00	113.17	409.96	-
94	Kuwait	KWT	0	1	0	0.02	-	-	-	2.94	1.41	13061.14	726.23	0.00
95	Kyrgyz Republic	KGZ	0	1	0	0.03	-	-	-	1.71	0.32	4563.54	536.19	0.07
96	Laos	LAO	0	1	0	0.10	-	-	-	-	0.44	4367.84	2322.31	0.02
97	Latvia	LVA	1	1	1	0.01	0.00126	0.00022	0.00170	26.06	1.40	15414.25	660.50	0.47
98	Lebanon	LBN	0	0	0	0.02	-	-	-	-	0.59	12445.83	343.68	0.01
99	Lesotho	LSO	0	1	0	0.01	-	-	-	-	0.05	41700.57	426.92	0.28
100	Libya	LBY	0	0	0	0.00	-	-	-	-	0.68	9051.29	374.49	0.08
101	Lithuania	LTU	1	1	1	0.01	0.00126	0.00022	0.00170	26.06	1.60	18367.68	722.96	0.47
102	Luxembourg	LUX	1	1	1	0.01	0.00126	0.00022	0.00170	26.06	1.60	36110.23	379.52	0.48
103	Macau	MAC	0	1	0	0.00	-	-	-	0.00	0.57	4965.69	1541.49	0.00
104	Macedonia	MKD	0	1	0	0.03	-	-	-	0.31	0.33	4730.74	341.76	0.17
105	Madagascar	MDG	0	1	0	0.11	-	-	-	-	0.13	10138.75	267.79	0.27
106	Malawi	MWI	0	1	0	0.10	-	-	-	-	0.14	12394.29	231.43	0.27
107	Malaysia	MYS	0	1	0	0.02	-	-	-	7.52	24.84	245113.71	3141.15	0.05
108	Maldives	MDV	0	1	0	0.13	-	-	-	-	0.12	1856.69	498.17	0.03
109	Mali	MLI	0	1	0	0.12	-	-	0.99578	-	0.21	15388.60	488.39	0.06

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Table A23 / (Contd.) Summary statistics by importing countries, annual averages over the period 1996-2019

No	Importer	ISO3	Developed	WTO membership	EU membership	Average tariffs	Average ADP	Average CV	Average QR	Average TBT	Aggregate imports in billion USD	Aggregate imports volume	Average unit value	PTA with TBT provision
110	Malta	MLT	1	1	1	0.01	0.00126	0.00022	0.00170	26.06	0.42	7181.21	486.91	0.47
111	Mauritania	MRT	0	1	0	0.16	-	-	-	-	0.08	5222.77	502.54	-
112	Mauritius	MUS	0	1	0	0.00	-	-	-	-	0.28	8364.87	275.35	0.28
113	Mayotte	MYT	0	0	0	0.00	-	-	-	-	0.00	0.00	-	-
114	Mexico	MEX	0	1	0	0.03	0.00159	-	0.41405	11.73	67.16	532662.52	4544.53	0.19
115	Micronesia	FSM	0	0	0	0.04	-	-	-	-	0.00	38.77	365.22	-
116	Moldova	MDA	0	1	0	0.04	-	-	-	2.59	0.26	3138.94	328.53	0.20
117	Mongolia	MNG	0	1	0	0.04	-	-	-	0.75	0.20	3637.39	1031.64	0.00
118	Montenegro	MNE	0	1	0	0.00	-	-	-	0.94	0.14	1855.26	317.11	0.05
119	Montserrat	MSR	0	0	0	0.22	-	-	-	-	0.00	15.35	240.67	0.05
120	Morocco	MAR	0	1	0	0.02	-	-	-	0.08	1.86	46653.03	673.00	0.14
121	Mozambique	MOZ	0	1	0	0.11	-	-	-	-	0.21	161310.63	386.28	0.26
122	Myanmar	MMR	0	1	0	0.09	-	-	-	-	1.63	24926.38	1626.19	0.02
123	Namibia	NAM	0	1	0	0.01	-	-	-	-	0.21	130907.60	383.89	0.29
124	Nepal	NPL	0	1	0	0.06	-	-	-	-	0.43	5668.23	765.25	0.03
125	Netherlands	NLD	1	1	1	0.01	0.00126	0.00022	0.00170	27.29	65.14	882535.06	848.72	0.48
126	Netherlands Antilles	ANT	0	0	0	0.00	-	-	-	-	0.00	0.00	-	-
127	New Caledonia	NCL	0	0	0	0.00	-	-	-	-	0.08	2297.81	402.52	-
128	New Zealand	NZL	1	1	0	0.01	-	-	7.38429	1.02	2.43	28779.98	674.13	0.07
129	Nicaragua	NIC	0	1	0	0.02	-	-	-	0.14	0.28	5984.05	593.15	0.18
130	Niger	NER	0	1	0	0.12	-	-	-	-	0.08	1886.60	358.83	0.06
131	Nigeria	NGA	0	1	0	0.12	-	-	-	-	1.87	64333.72	875.23	0.06
132	Norway	NOR	1	1	0	0.00	-	-	-	2.75	5.36	45742.37	469.01	0.28
133	Oman	OMN	0	1	0	0.02	-	-	-	1.06	1.33	25573.33	491.69	0.01
134	Pakistan	PAK	0	1	0	0.10	-	-	-	1.11	2.46	123161.71	1308.21	0.03
135	Palau	PLW	0	0	0	0.03	-	-	-	-	0.00	83.13	320.08	-
136	Palestine	PSE	0	0	0	0.00	-	-	-	-	0.20	2126.72	316.14	0.02
137	Panama	PAN	0	1	0	0.04	-	-	-	-	1.53	36410.97	753.08	0.06
138	Papua New Guinea	PNG	0	1	0	0.00	-	-	-	-	0.18	2723.66	551.78	0.12
139	Paraguay	PRY	0	1	0	0.06	-	-	-	1.69	2.21	24654.07	445.35	0.04
140	Peru	PER	0	1	0	0.01	-	-	-	1.02	3.53	61012.80	457.46	0.19
141	Philippines	PHL	0	1	0	0.03	-	-	1.02165	7.12	14.26	152895.68	1386.03	0.03
142	Poland	POL	1	1	1	0.01	0.00126	0.00022	0.00170	26.06	18.60	303049.45	590.54	0.47
143	Portugal	PRT	1	1	1	0.01	0.00126	0.00022	0.00170	26.06	3.93	85123.51	371.58	0.52
144	Qatar	QAT	0	1	0	0.02	-	-	-	4.45	1.41	12701.66	592.21	0.00
145	Romania	ROU	1	1	1	0.01	0.00126	0.00022	0.00170	26.06	4.94	83786.80	596.32	0.50
146	Russia	RUS	0	1	0	0.03	-	-	4.33229	2.20	15.71	208974.25	1347.77	0.07

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Table A23 / (Contd.) Summary statistics by importing countries, annual averages over the period 1996-2019

No	Importer	ISO3	Developed	WTO member-ship	EU member-ship	Average tariffs	Average ADP	Average CV	Average QR	Average TBT	Aggregate imports in billion USD	Aggregate imports volume	Average unit value	PTA with TBT provision
147	Rwanda	RWA	0	1	0	0.12	-	-	-	1.72	0.15	3957.32	467.84	0.11
148	Saint Kitts and Nevis	KNA	0	1	0	0.11	-	-	-	-	0.02	178.54	279.71	0.17
149	Saint Lucia	LCA	0	1	0	0.07	-	-	-	1.68	0.03	618.18	284.35	0.17
150	Saint Vincent and the Grenadines	VCT	0	1	0	0.09	-	-	-	-	0.01	454.25	267.43	0.17
151	Samoa	WSM	0	1	0	0.16	-	-	-	-	0.02	453.96	1643.54	-
152	Sao Tome and Principe	STP	0	0	0	0.10	-	-	-	-	0.01	216.33	201.33	-
153	Saudi Arabia	SAU	0	1	0	0.02	-	-	-	31.54	8.80	101709.91	1570.41	0.00
154	Senegal	SEN	0	1	0	0.12	-	-	-	-	0.52	20598.82	741.48	0.06
155	Serbia	SRB	0	0	0	0.06	-	-	-	-	0.97	12720.56	513.54	0.05
156	Seychelles	SYC	0	1	0	0.00	-	-	-	-	0.04	2593.03	422.12	0.15
157	Sierra Leone	SLE	0	1	0	0.12	-	-	-	-	0.04	2434.75	182.83	0.06
158	Singapore	SGP	0	1	0	0.00	-	5.96175	0.13	42.92	230626.80	1977.84	0.10	
159	Slovakia	SVK	1	1	1	0.01	0.00126	0.00022	0.00170	27.70	6.63	108130.52	719.15	0.47
160	Slovenia	SVN	1	1	1	0.01	0.00126	0.00022	0.00170	26.66	1.62	41880.29	488.22	0.47
161	Solomon Islands	SLB	0	1	0	0.09	-	-	-	-	0.02	262.16	709.17	-
162	South Africa	ZAF	0	1	0	0.01	-	-	-	5.66	6.43	257087.63	1415.66	0.21
163	South Korea	KOR	1	1	0	0.04	-	-	-	44.33	40.78	331307.31	1201.10	0.21
164	Spain	ESP	1	1	1	0.01	0.00126	0.00022	0.00170	28.72	16.62	327617.55	445.15	0.48
165	Sri Lanka	LKA	0	1	0	0.04	-	-	-	-	0.88	28085.68	675.70	0.03
166	Sudan	SDN	0	0	0	0.16	-	-	-	-	0.21	6675.15	376.31	-
167	Suriname	SUR	0	1	0	0.10	-	-	-	-	0.05	946.89	735.02	0.17
168	Swaziland	SWZ	0	1	0	0.01	-	-	-	0.15	0.05	39286.56	558.64	0.30
169	Sweden	SWE	1	1	1	0.01	0.00126	0.00022	0.00170	28.94	12.53	133852.18	350.01	0.57
170	Switzerland	CHE	1	1	0	0.00	-	-	3.07787	26.05	10.15	87956.47	488.91	0.29
171	Syria	SYR	0	0	0	0.00	-	-	-	-	0.45	6246.46	648.43	0.00
172	Taiwan	TWN	0	1	0	0.02	-	-	-	21.62	0.00	0.00	-	0.03
173	Tajikistan	TJK	0	1	0	0.04	-	-	-	0.85	0.09	3303.37	549.27	0.05
174	Tanzania	TZA	0	1	0	0.12	-	-	-	0.66	0.48	25329.29	269.98	0.28
175	Thailand	THA	0	1	0	0.05	-	-	0.02586	7.93	21.12	265455.36	871.08	0.03
176	Timor	TLS	0	0	0	0.00	-	-	-	-	0.03	1274.70	430.39	-
177	Togo	TGO	0	1	0	0.12	-	-	-	-	0.35	7841.40	503.55	0.06
178	Tonga	TON	0	1	0	0.04	-	-	-	-	0.01	138.97	576.78	-
179	Trinidad and Tobago	TTO	0	1	0	0.00	-	-	-	3.19	0.21	2363.79	1498.08	0.17
180	Tunisia	TUN	0	1	0	0.06	-	-	-	-	0.99	16276.58	499.00	0.14
181	Turkey	TUR	1	1	0	0.02	0.00030	-	1.99156	0.89	9.63	144116.34	819.12	0.22
182	Turkmenistan	TKM	0	0	0	0.00	-	-	-	-	0.15	2271.12	823.63	0.05
183	Turks and Caicos Islands	TCA	0	0	0	0.00	-	-	-	-	0.01	57.94	410.96	-

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Table A23 / (Contd.) Summary statistics by importing countries, annual averages over the period 1996-2019

No	Importer	ISO3	Developed	WTO membership	EU membership	Average tariffs	Average ADP	Average CV	Average QR	Average TBT	Aggregate imports in billion USD	Aggregate imports volume	Average unit value	PTA with TBT provision
184	Tuvalu	TUV	0	0	0	0.16	-	-	-	-	0.00	12.08	289.37	-
185	Uganda	UGA	0	1	0	0.12	-	-	-	9.33	0.32	11861.85	323.93	0.11
186	Ukraine	UKR	0	1	0	0.03	-	-	-	9.76	3.14	130300.06	580.84	0.07
187	United Arab Emirates	ARE	0	1	0	0.02	-	-	-	2.74	23.21	280329.11	762.81	0.00
188	United Kingdom	GBR	1	1	1	0.01	0.00126	0.00022	0.00170	26.06	43.98	466456.51	951.41	0.52
189	United States	USA	1	1	0	0.01	0.00077	0.00038	0.15519	23.72	267.53	2468723.73	1460.44	0.07
190	Uruguay	URY	0	1	0	0.10	-	-	-	-	0.71	14585.37	371.58	0.04
191	Uzbekistan	UZB	0	0	0	0.18	-	-	-	-	0.48	7665.05	1065.23	0.05
192	Vanuatu	VUT	0	1	0	0.09	-	-	-	-	0.02	240.02	220.35	-
193	Venezuela	VEN	0	1	0	0.12	-	-	-	1.00	0.33	2916.95	731.41	0.02
194	Vietnam	VNM	0	1	0	0.07	-	-	-	2.99	33.34	344806.29	2894.21	0.04
195	Yemen	YEM	0	1	0	0.04	-	-	-	0.21	0.08	9166.07	495.30	-
196	Yugoslavia	SCG	0	0	0	0.00	-	-	-	-	0.00	0.00	-	-
197	Zambia	ZMB	0	1	0	0.14	-	-	-	0.84	0.32	38055.83	366.64	0.27
198	Zimbabwe	ZWE	0	1	0	0.16	-	-	-	-	0.20	22158.46	247.26	0.27

Source: WTO, WTO I-TIP, CEPII's BACI, Hofmann et al. (2015), author's calculations.

Table A24 / Summary statistics of TBT objectives and convergence in them by importing countries, annual averages over the period 1996-2019

No	Importer	1- Consumer, safety, health	2- ICT specific, and qualitative	3- Other, or not specified	4- Environmental, animal, plant	5- Labelling, packaging, metrology, cost saving	6- Trade facilitation, conformity, harmonization	7- National security requirements	Convergence in Consumer, safety, health	Convergence in ICT specific, and qualitative	Convergence in Other, or not specified	Convergence in Environmental, animal, plant	Convergence in Labelling, packaging, metrology, cost saving	Convergence in Trade facilitation, conformity, harmonization	Convergence in National security requirements
1	Albania	0.44	-	0.42	0.16	-	-	-	0.07	-	0.04	0.03	-	-	-
2	Argentina	7.74	0.69	-	-	0.04	2.00	-	0.28	0.17	-	-	0.00	0.17	-
3	Armenia	1.27	1.13	-	0.42	-	-	-	0.27	0.22	-	0.09	-	-	-
4	Australia	0.86	-	-	0.09	-	0.84	-	0.27	-	-	0.02	-	0.15	-
5	Austria	6.10	5.52	5.46	8.34	0.97	10.97	0.27	0.30	0.24	0.16	0.20	0.18	0.16	0.03
6	Bahrain	1.91	-	-	-	-	-	-	0.27	-	-	-	-	-	-
7	Belgium	12.16	6.67	5.46	8.34	0.97	10.97	0.27	0.30	0.25	0.16	0.20	0.18	0.16	0.03
8	Botswana	2.53	0.36	-	-	-	-	-	0.27	0.10	-	-	-	-	-
9	Brazil	7.63	5.56	0.05	0.26	1.89	0.01	-	0.31	0.24	0.01	0.05	0.18	0.00	-
10	Brunei	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Bulgaria	6.10	5.52	5.46	8.34	0.97	10.97	0.27	0.30	0.24	0.16	0.20	0.18	0.16	0.03
12	Burkina Faso	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Burundi	0.14	0.14	-	-	0.14	0.14	-	0.05	0.04	-	-	0.03	0.03	-
14	Cameroon	-	-	-	-	-	0.84	-	-	-	-	-	-	0.15	-
15	Canada	0.33	25.64	11.17	0.73	-	0.42	0.71	0.05	0.22	0.09	0.11	-	0.08	0.01
16	Chile	3.79	0.96	-	0.25	0.25	-	-	0.30	0.22	-	0.05	0.05	-	-
17	China	20.96	6.32	7.18	3.20	0.01	-	-	0.31	0.25	0.15	0.20	0.00	-	-
18	Colombia	0.04	0.21	-	0.03	-	1.00	-	0.01	0.03	-	0.01	-	0.17	-
19	Costa Rica	0.21	0.77	-	-	-	-	-	0.07	0.15	-	-	-	-	-
20	Cote d'Ivoire	-	0.02	-	0.02	-	0.02	-	-	0.00	-	0.00	-	0.00	-
21	Croatia	6.10	5.52	5.46	8.34	0.97	10.97	0.27	0.30	0.24	0.16	0.20	0.18	0.16	0.03
22	Cuba	0.16	0.08	-	0.16	-	-	-	0.04	0.02	-	0.03	-	-	-
23	Cyprus	6.10	5.52	5.46	8.34	0.97	10.97	0.27	0.30	0.24	0.16	0.20	0.18	0.16	0.03
24	Czechia	8.26	7.13	5.46	8.34	0.97	10.97	0.27	0.31	0.24	0.16	0.20	0.18	0.16	0.03
25	Denmark	19.10	8.63	5.46	9.34	0.97	10.97	0.27	0.31	0.25	0.16	0.20	0.18	0.16	0.03
26	Dominican Republic	0.84	-	-	-	1.69	-	-	0.27	-	-	-	0.18	-	-
27	Ecuador	0.36	0.08	-	0.14	0.05	-	-	0.08	0.02	-	0.02	0.01	-	-
28	Egypt	1.31	0.10	-	0.47	0.05	-	-	0.27	0.03	-	0.10	0.01	-	-
29	El Salvador	-	2.56	-	-	-	-	-	-	0.25	-	-	-	-	-
30	Estonia	6.10	5.52	5.46	8.34	0.97	10.97	0.27	0.30	0.24	0.16	0.20	0.18	0.16	0.03

contd.

Table A24 / (Contd.) Summary statistics of TBT objectives and convergence in them by importing countries, annual averages over the period 1996-2019

No	Importer	1- Consumer, safety, health	2- ICT specific, and qualitative	3- Other, or not specified	4- Environmental, animal, plant	5- Labelling, packaging, metrology, cost saving	6- Trade facilitation, conformity, harmonization	7- National security requirements	Convergence in Consumer, safety, health	Convergence in ICT specific, and qualitative	Convergence in Other, or not specified	Convergence in Environmental, animal, plant	Convergence in Labelling, packaging, metrology, cost saving	Convergence in Trade facilitation, conformity, harmonization	Convergence in National security requirements
31	Finland	6.82	6.64	5.46	8.34	1.53	10.97	0.27	0.30	0.24	0.16	0.20	0.18	0.16	0.03
32	France	6.27	5.73	5.46	8.34	0.97	11.11	0.33	0.31	0.24	0.16	0.20	0.18	0.16	0.03
33	Gabon	1.00	-	-	-	-	-	-	0.31	-	-	-	-	-	-
34	Georgia	0.51	-	-	-	-	-	-	0.15	-	-	-	-	-	-
35	Germany	6.10	5.52	5.46	8.34	0.97	10.97	0.27	0.30	0.24	0.16	0.20	0.18	0.16	0.03
36	Greece	6.10	5.52	5.46	8.34	0.97	10.97	0.27	0.30	0.24	0.16	0.20	0.18	0.16	0.03
37	Grenada	-	-	-	-	0.84	-	-	-	-	-	-	0.18	-	-
38	Guyana	0.01	-	-	-	0.84	-	-	0.00	-	-	-	0.18	-	-
39	Honduras	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	Hong Kong	0.06	0.21	-	0.04	0.01	-	-	0.02	0.04	-	0.01	0.00	-	-
41	Hungary	6.29	5.52	5.46	8.34	0.97	10.97	0.27	0.30	0.24	0.16	0.20	0.18	0.16	0.03
42	India	2.89	0.07	-	-	-	-	0.07	0.31	0.02	-	-	-	-	0.01
43	Indonesia	1.02	0.98	0.04	-	-	0.01	-	0.28	0.22	0.00	-	-	0.00	-
44	Ireland	6.10	5.52	5.46	8.34	0.97	10.97	0.27	0.30	0.24	0.16	0.20	0.18	0.16	0.03
45	Israel	14.04	1.18	-	0.29	0.00	4.87	-	0.31	0.22	-	0.06	0.00	0.16	-
46	Italy	6.24	5.59	5.53	8.34	0.97	10.97	0.40	0.30	0.24	0.16	0.20	0.18	0.16	0.03
47	Jamaica	-	0.21	0.21	-	1.00	-	-	-	0.06	0.04	-	0.18	-	-
48	Japan	8.87	6.16	1.90	0.14	1.19	0.92	-	0.31	0.17	0.10	0.03	0.18	0.15	-
49	Jordan	3.09	0.84	-	4.75	-	-	-	0.29	0.22	-	0.20	-	-	-
50	Kazakhstan	1.28	-	-	1.27	-	-	-	0.27	-	-	0.18	-	-	-
51	Kenya	6.88	8.07	0.86	0.21	2.10	0.25	-	0.29	0.24	0.14	0.05	0.18	0.05	-
52	Kuwait	2.94	-	-	-	-	0.44	-	0.30	-	-	-	-	0.07	-
53	Kyrgyz Republic	1.71	-	-	-	-	-	-	0.27	-	-	-	-	-	-
54	Latvia	6.10	5.52	5.46	8.34	0.97	10.97	0.27	0.30	0.24	0.16	0.20	0.18	0.16	0.03
55	Lithuania	6.10	5.52	5.46	8.34	0.97	10.97	0.27	0.30	0.24	0.16	0.20	0.18	0.16	0.03
56	Luxembourg	6.10	5.52	5.46	8.34	0.97	10.97	0.27	0.30	0.24	0.16	0.20	0.18	0.16	0.03
57	Macau	0.00	-	-	-	-	-	-	0.00	-	-	-	-	-	-
58	Macedonia	0.31	-	-	0.31	-	-	-	0.04	-	-	0.03	-	-	-
59	Malaysia	4.89	3.12	1.08	1.06	1.42	0.84	-	0.28	0.16	0.08	0.18	0.18	0.15	-
60	Malta	6.10	5.52	5.46	8.34	0.97	10.97	0.27	0.30	0.24	0.16	0.20	0.18	0.16	0.03

contd.

Table A24 / (Contd.) Summary statistics of TBT objectives and convergence in them by importing countries, annual averages over the period 1996-2019

No	Importer	1- Consumer, safety, health	2- ICT specific, and qualitative	3- Other, or not specified	4- Environmental, animal, plant	5- Labelling, packaging, metrology, cost saving	6- Trade facilitation, conformity, harmonization	7- National security requirements	Convergence in Consumer, safety, health	Convergence in ICT specific, and qualitative	Convergence in Other, or not specified	Convergence in Environmental, animal, plant	Convergence in Labelling, packaging, metrology, cost saving	Convergence in Trade facilitation, conformity, harmonization	Convergence in National security requirements
61	Mauritius	-	0.84	-	-	-	-	-	-	0.22	-	-	-	-	-
62	Mexico	5.52	11.37	1.05	2.64	4.10	0.04	0.14	0.30	0.23	0.14	0.20	0.18	0.01	0.01
63	Moldova	1.97	0.62	0.10	-	-	0.95	-	0.30	0.13	0.02	-	-	0.15	-
64	Mongolia	0.75	-	-	0.75	-	0.75	-	0.23	-	-	0.16	-	0.13	-
65	Montenegro	0.53	0.10	-	-	-	-	-	0.14	0.03	-	-	-	-	-
66	Morocco	0.05	0.04	-	-	-	-	-	0.02	0.01	-	-	-	-	-
67	Netherlands	6.10	6.04	5.46	8.34	0.97	10.97	0.27	0.30	0.24	0.16	0.20	0.18	0.16	0.03
68	New Zealand	0.12	-	-	1.01	0.10	0.17	-	0.04	-	-	0.18	0.02	0.03	-
69	Nicaragua	-	0.14	-	-	-	-	-	-	0.04	-	-	-	-	-
70	Norway	-	1.68	0.56	-	-	-	-	-	0.15	0.10	-	-	-	-
71	Oman	1.06	-	-	-	-	-	-	0.27	-	-	-	-	-	-
72	Pakistan	-	1.12	-	-	-	-	-	-	0.15	-	-	-	-	-
73	Paraguay	0.85	0.85	-	-	-	-	-	0.27	0.22	-	-	-	-	-
74	Peru	0.83	0.19	-	-	0.83	-	-	0.03	0.05	-	-	0.02	-	-
75	Philippines	3.95	3.17	-	0.84	0.01	-	-	0.30	0.24	-	0.18	0.00	-	-
76	Poland	6.10	5.52	5.46	8.34	0.97	10.97	0.27	0.30	0.24	0.16	0.20	0.18	0.16	0.03
77	Portugal	6.10	5.52	5.46	8.34	0.97	10.97	0.27	0.30	0.24	0.16	0.20	0.18	0.16	0.03
78	Qatar	3.62	-	-	-	0.84	0.01	-	0.27	-	-	-	0.18	0.00	-
79	Romania	6.10	5.52	5.46	8.34	0.97	10.97	0.27	0.30	0.24	0.16	0.20	0.18	0.16	0.03
80	Russia	2.25	-	-	1.27	0.01	0.01	-	0.28	-	-	0.18	0.00	0.00	-
81	Rwanda	1.69	0.88	-	-	-	-	-	0.27	0.22	-	-	-	-	-
82	Saint Lucia	0.84	-	-	-	0.84	-	-	0.27	-	-	-	0.18	-	-
83	Saudi Arabia	28.20	16.11	0.87	5.33	3.34	-	-	0.30	0.24	0.14	0.19	0.18	-	-
84	Singapore	0.12	-	-	0.08	0.06	-	-	0.04	-	-	0.02	0.01	-	-
85	Slovakia	6.21	6.03	5.46	8.34	0.97	10.97	0.27	0.31	0.24	0.16	0.20	0.18	0.16	0.03
86	Slovenia	6.64	6.20	5.46	8.34	0.97	10.97	0.27	0.30	0.24	0.16	0.20	0.18	0.16	0.03
87	South Africa	4.56	1.33	0.36	1.40	0.57	-	-	0.31	0.24	0.07	0.20	0.12	-	-
88	South Korea	35.61	9.07	3.71	3.83	4.57	2.47	-	0.31	0.25	0.15	0.20	0.18	0.16	-
89	Spain	7.13	5.55	5.46	8.34	2.97	10.97	0.27	0.31	0.24	0.16	0.20	0.18	0.16	0.03
90	Swaziland	0.15	0.15	-	0.09	0.10	0.10	-	0.02	0.01	-	0.01	0.01	0.01	-

contd.

Table A24 / (Contd.) Summary statistics of TBT objectives and convergence in them by importing countries, annual averages over the period 1996-2019

No	Importer	1- Consumer, safety, health	2- ICT specific, and qualitative	3- Other, or not specified	4- Environmental, animal, plant	5- Labelling, packaging, metrology, cost saving	6- Trade facilitation, conformity, harmonization	7- National security requirements	Convergence in Consumer, safety, health	Convergence in ICT specific, and qualitative	Convergence in Other, or not specified	Convergence in Environmental, animal, plant	Convergence in Labelling, packaging, metrology, cost saving	Convergence in Trade facilitation, conformity, harmonization	Convergence in National security requirements
91	Sweden	6.39	6.31	5.46	8.34	0.97	10.97	0.27	0.30	0.24	0.16	0.20	0.18	0.16	0.03
92	Switzerland	3.38	23.10	11.09	-	1.62	2.69	0.56	0.27	0.22	0.15	-	0.18	0.10	0.03
93	Taiwan	19.35	4.71	0.63	4.10	0.90	3.12	-	0.31	0.24	0.06	0.20	0.18	0.17	-
94	Tajikistan	0.01	-	-	-	-	-	-	0.00	-	-	-	-	-	-
95	Tanzania	0.66	0.66	-	-	0.66	-	-	0.21	0.17	-	-	0.14	-	-
96	Thailand	4.55	2.82	0.19	1.34	0.28	-	-	0.31	0.24	0.02	0.04	0.06	-	-
97	Trinidad and Tobago	2.36	0.01	-	-	2.53	-	-	0.29	0.00	-	-	0.18	-	-
98	Turkey	0.17	-	-	0.89	-	-	-	0.04	-	-	0.16	-	-	-
99	Uganda	6.54	2.59	2.07	4.25	0.99	0.51	-	0.31	0.24	0.16	0.20	0.18	0.09	-
100	Ukraine	1.75	2.81	0.42	2.17	0.12	3.76	-	0.27	0.22	0.08	0.16	0.03	0.17	-
101	United Arab Emirates	2.51	1.65	-	0.96	0.04	0.01	0.14	0.31	0.23	-	0.16	0.00	0.00	0.01
102	United Kingdom	6.10	5.52	5.46	8.34	0.97	10.97	0.27	0.30	0.24	0.16	0.20	0.18	0.16	0.03
103	United States	13.85	10.67	0.14	7.69	1.58	0.06	-	0.31	0.24	0.03	0.20	0.18	0.01	-
104	Uruguay	-	0.16	-	-	-	-	-	-	0.03	-	-	-	-	-
105	Venezuela	0.84	0.16	-	-	-	-	-	0.27	0.03	-	-	-	-	-
106	Vietnam	5.25	3.70	1.46	1.79	1.90	-	-	0.30	0.22	0.16	0.18	0.18	-	-
107	Yemen	0.21	-	-	-	-	-	-	0.04	-	-	-	-	-	-
108	Zambia	0.84	-	-	-	-	-	-	0.27	-	-	-	-	-	-

Source: WTO I-TIP, author's calculations.

Table A25 / summary statistics of MAST TBT classes by importing countries, annual averages over the period 1996-2019

No	Importer	B1 - Import authorization licensing related to technical barriers to trade	B2 - Tolerance limits for residues and restricted use of substances	B3 - Labelling, marking and packaging requirements	B4 - Production or post-production requirements	B6 - Product identity requirements	B7 - Product quality, safety or performance requirements	B8 - Conformity assessment related to technical barriers to trade	B9 - Technical barriers to trade measures not elsewhere specified
1	Afghanistan	-	-	-	-	-	-	0.34	-
2	Algeria	-	0.01	1.03	-	-	0.05	0.19	-
3	Argentina	0.18	-	-	-	-	3.00	8.88	-
4	Australia	0.10	-	1.29	0.01	-	1.06	4.82	-
5	Austria	-	0.65	0.94	0.64	-	2.91	6.70	-
6	Azerbaijan	-	-	-	0.42	-	-	0.45	0.42
7	Bahrain	-	-	0.09	-	-	-	0.14	-
8	Bangladesh	-	-	1.00	-	-	-	-	-
9	Belarus	-	-	1.87	0.04	-	0.87	0.39	-
10	Belgium	-	0.65	0.94	0.64	-	2.91	6.70	-
11	Botswana	-	-	0.29	0.29	-	0.16	0.25	-
12	Brazil	2.05	-	3.09	-	-	-	3.32	0.04
13	Brunei	-	-	-	-	-	-	0.62	0.22
14	Bulgaria	-	0.65	0.94	0.64	-	2.91	6.70	-
15	Burkina Faso	-	-	-	-	-	-	0.01	-
16	Cambodia	-	-	0.84	0.99	-	5.60	3.61	-
17	Canada	-	0.03	4.44	0.05	-	0.22	1.82	-
18	Cape Verde	-	0.84	-	-	-	-	-	-
19	Chile	-	-	3.55	-	-	-	5.16	-
20	China	-	0.06	1.17	0.03	-	4.42	4.34	-
21	Colombia	0.16	-	-	-	-	-	0.39	-
22	Cote d'Ivoire	-	-	-	-	-	-	0.16	-
23	Croatia	-	0.65	0.94	0.64	-	2.91	6.70	-
24	Cuba	0.31	-	-	-	-	-	0.32	-
25	Cyprus	-	0.65	0.94	0.64	-	2.91	6.70	-
26	Czechia	-	0.65	0.94	0.64	-	2.91	6.70	-
27	Denmark	-	0.65	0.94	0.64	-	2.91	6.70	-
28	Dominica	-	-	0.52	-	-	-	-	-
29	Ecuador	0.08	-	0.29	-	0.04	0.25	0.36	-
30	Estonia	-	0.65	0.94	0.64	-	2.91	6.70	-
31	Ethiopia	-	-	0.84	-	-	-	0.13	-
32	Finland	-	0.65	0.94	0.64	-	2.91	6.70	-
33	France	-	0.65	0.94	0.64	-	2.91	6.70	-
34	Germany	-	0.65	0.94	0.64	-	2.91	6.70	-
35	Ghana	-	-	0.86	-	-	0.23	1.35	-
36	Greece	-	0.65	0.94	0.64	-	2.91	6.70	-
37	Guinea	-	-	-	-	-	-	1.48	-
38	Guyana	-	-	0.03	-	-	-	-	-
39	Hong Kong	-	-	-	-	-	0.13	-	-
40	Hungary	-	0.65	0.94	0.64	-	2.91	6.70	-
41	India	-	-	1.52	1.08	-	0.32	2.70	-
42	Indonesia	0.01	-	0.51	-	-	0.44	0.33	-
43	Ireland	-	0.65	0.94	0.64	-	2.91	6.70	-
44	Israel	-	-	-	-	-	0.09	0.48	-
45	Italy	-	0.65	0.94	0.64	-	2.91	6.70	-
46	Jamaica	-	-	0.05	-	-	0.01	0.01	-
47	Japan	-	-	0.17	0.84	-	0.26	0.92	-
48	Jordan	-	-	-	-	-	0.13	-	-
49	Kazakhstan	-	-	2.21	0.05	-	0.87	0.27	0.00
50	Kuwait	-	-	-	-	-	0.09	0.09	-
51	Kyrgyz Republic	-	-	1.48	0.04	-	0.86	0.64	-
52	Laos	-	-	0.08	-	-	0.08	0.48	-
53	Latvia	-	0.65	0.94	0.64	-	2.91	6.70	-
54	Lebanon	-	-	-	-	-	0.43	0.43	-

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Table A25 / (Contd.) Summary statistics of MAST TBT classes by importing countries, annual averages over the period 1996-2019

No	Importer	B1 - Import authorization licensing related to technical barriers to trade	B2 - Tolerance limits for residues and restricted use of substances	B3 - Labelling, marking and packaging requirements	B4 - Production or post-production requirements	B6 - Product identity requirements	B7 - Product quality, safety or performance requirements	B8 - Conformity assessment related to technical barriers to trade	B9 - Technical barriers to trade measures not elsewhere specified
55	Lithuania	-	0.65	0.94	0.64	-	2.91	6.70	-
56	Luxembourg	-	0.65	0.94	0.64	-	2.91	6.70	-
57	Malaysia	-	-	0.92	-	-	0.23	0.94	-
58	Mali	-	-	-	-	-	0.03	0.05	-
59	Malta	-	0.65	0.94	0.64	-	2.91	6.70	-
60	Mexico	-	-	2.90	-	-	0.70	0.78	-
61	Morocco	-	-	-	-	-	0.18	0.18	-
62	Myanmar	-	-	-	0.03	-	0.09	0.03	-
63	Nepal	0.01	-	-	-	-	-	-	-
64	Netherlands	-	0.65	0.94	0.64	-	2.91	6.70	-
65	New Zealand	-	-	0.75	0.01	-	0.79	0.49	-
66	Nigeria	-	-	0.99	-	-	-	-	-
67	Oman	-	-	-	-	-	0.30	0.60	-
68	Palestine	-	-	0.08	-	0.04	-	0.04	-
69	Papua New Guinea	-	-	0.62	-	-	0.62	0.62	-
70	Paraguay	0.03	-	-	-	-	-	0.10	-
71	Peru	0.26	-	0.75	-	-	-	1.25	-
72	Philippines	-	-	1.21	0.01	-	0.12	0.81	-
73	Poland	-	0.65	0.94	0.64	-	2.91	6.70	-
74	Portugal	-	0.65	0.94	0.64	-	2.91	6.70	-
75	Qatar	-	-	0.01	-	-	0.35	1.38	-
76	Romania	-	0.65	0.94	0.64	-	2.91	6.70	-
77	Russia	-	-	2.22	0.04	0.38	1.65	0.69	-
78	Saudi Arabia	-	0.31	0.51	-	0.31	0.31	0.51	-
79	Singapore	-	-	0.21	0.87	-	0.14	0.21	-
80	Slovakia	-	0.65	0.94	0.64	-	2.91	6.70	-
81	Slovenia	-	0.65	0.94	0.64	-	2.91	6.70	-
82	South Korea	-	-	0.97	0.84	-	-	1.26	-
83	Spain	-	0.65	0.94	0.64	-	2.91	6.70	-
84	Sweden	-	0.65	0.94	0.64	-	2.91	6.70	-
85	Switzerland	-	-	1.97	-	-	1.04	1.04	-
86	Tajikistan	-	-	0.64	-	-	0.64	1.27	-
87	Thailand	-	-	0.21	-	-	0.02	0.94	-
88	Trinidad and Tobago	-	-	0.19	-	-	0.19	0.21	-
89	Tunisia	-	-	0.30	-	-	0.06	0.35	-
90	Turkey	-	-	0.48	-	-	-	0.35	-
91	United Kingdom	-	0.65	0.94	0.64	-	2.91	6.70	-
92	United States	-	-	0.49	1.87	-	0.49	1.21	0.44
93	Uruguay	-	-	-	-	-	0.91	0.35	0.23
94	Venezuela	-	-	-	-	-	-	0.86	-
95	Vietnam	-	-	1.09	0.03	-	0.05	3.00	-

Source: UNCTAD TRAINS, author's calculations.

Table A26 / Summary statistics of convergence in MAST TBT classes by importing countries, annual averages over the period 1996-2019

No	Importer	Convergence in B1	Convergence in B2	Convergence in B3	Convergence in B4	Convergence in B6	Convergence in B7	Convergence in B8	Convergence in B9
1	Afghanistan	-	-	-	-	-	-	0.07	-
2	Algeria	-	0.00	0.16	-	-	0.01	0.04	-
3	Argentina	0.00	-	-	-	-	0.14	0.19	-
4	Australia	0.00	-	0.09	0.00	-	0.07	0.17	-
5	Austria	-	0.08	0.14	0.09	-	0.13	0.17	-
6	Azerbaijan	-	-	-	0.06	-	-	0.10	0.00
7	Bahrain	-	-	0.02	-	-	-	0.03	-
8	Bangladesh	-	-	0.18	-	-	-	-	-
9	Belarus	-	-	0.13	0.01	-	0.07	0.04	-
10	Belgium	-	0.08	0.14	0.09	-	0.13	0.17	-
11	Botswana	-	-	0.06	0.03	-	0.03	0.06	-
12	Brazil	0.01	-	0.18	-	-	-	0.20	0.00
13	Brunei	-	-	-	-	-	-	0.07	0.00
14	Bulgaria	-	0.08	0.14	0.09	-	0.13	0.17	-
15	Burkina Faso	-	-	-	-	-	-	0.00	-
16	Cambodia	-	-	0.15	0.10	-	0.14	0.20	-
17	Canada	-	0.00	0.18	0.00	-	0.02	0.11	-
18	Cape Verde	-	0.08	-	-	-	-	-	-
19	Chile	-	-	0.18	-	-	-	0.19	-
20	China	-	0.01	0.12	0.00	-	0.14	0.19	-
21	Colombia	0.00	-	-	-	-	-	0.03	-
22	Cote d'Ivoire	-	-	-	-	-	-	0.03	-
23	Croatia	-	0.08	0.14	0.09	-	0.13	0.17	-
24	Cuba	0.00	-	-	-	-	-	0.04	-
25	Cyprus	-	0.08	0.14	0.09	-	0.13	0.17	-
26	Czechia	-	0.08	0.14	0.09	-	0.13	0.17	-
27	Denmark	-	0.08	0.14	0.09	-	0.13	0.17	-
28	Dominica	-	-	0.11	-	-	-	-	-
29	Ecuador	0.00	-	0.02	-	0.00	0.01	0.02	-
30	Estonia	-	0.08	0.14	0.09	-	0.13	0.17	-
31	Ethiopia	-	-	0.15	-	-	-	0.03	-
32	Finland	-	0.08	0.14	0.09	-	0.13	0.17	-
33	France	-	0.08	0.14	0.09	-	0.13	0.17	-
34	Germany	-	0.08	0.14	0.09	-	0.13	0.17	-
35	Ghana	-	-	0.16	-	-	0.04	0.17	-
36	Greece	-	0.08	0.14	0.09	-	0.13	0.17	-
37	Guinea	-	-	-	-	-	-	0.14	-
38	Guyana	-	-	0.00	-	-	-	-	-
39	Hong Kong	-	-	-	-	-	0.02	-	-
40	Hungary	-	0.08	0.14	0.09	-	0.13	0.17	-
41	India	-	-	0.16	0.10	-	0.05	0.17	-
42	Indonesia	0.00	-	0.06	-	-	0.02	0.05	-
43	Ireland	-	0.08	0.14	0.09	-	0.13	0.17	-
44	Israel	-	-	-	-	-	0.02	0.05	-
45	Italy	-	0.08	0.14	0.09	-	0.13	0.17	-
46	Jamaica	-	-	0.01	-	-	0.00	0.00	-
47	Japan	-	-	0.02	0.10	-	0.02	0.17	-
48	Jordan	-	-	-	-	-	0.02	-	-
49	Kazakhstan	-	-	0.18	0.01	-	0.07	0.04	-
50	Kuwait	-	-	-	-	-	0.02	0.02	-
51	Kyrgyz Republic	-	-	0.13	0.01	-	0.07	0.07	-

contd.

Table A26 / (Contd.) Summary statistics of convergence in MAST TBT classes by importing countries, annual averages over the period 1996-2019

No	Importer	Convergence in B1	Convergence in B2	Convergence in B3	Convergence in B4	Convergence in B6	Convergence in B7	Convergence in B8	Convergence in B9
52	Laos	-	-	0.02	-	-	0.01	0.08	-
53	Latvia	-	0.08	0.14	0.09	-	0.13	0.17	-
54	Lebanon	-	-	-	-	-	0.07	0.10	-
55	Lithuania	-	0.08	0.14	0.09	-	0.13	0.17	-
56	Luxembourg	-	0.08	0.14	0.09	-	0.13	0.17	-
57	Malaysia	-	-	0.16	-	-	0.04	0.17	-
58	Mali	-	-	-	-	-	0.00	0.01	-
59	Malta	-	0.08	0.14	0.09	-	0.13	0.17	-
60	Mexico	-	-	0.16	-	-	0.05	0.06	-
61	Morocco	-	-	-	-	-	0.03	0.04	-
62	Myanmar	-	-	-	0.00	-	0.02	0.01	-
63	Nepal	0.00	-	-	-	-	-	-	-
64	Netherlands	-	0.08	0.14	0.09	-	0.13	0.17	-
65	New Zealand	-	-	0.13	0.00	-	0.10	0.11	-
66	Nigeria	-	-	0.18	-	-	-	-	-
67	Oman	-	-	-	-	-	0.04	0.05	-
68	Palestine	-	-	0.01	-	0.00	-	0.01	-
69	Papua New Guinea	-	-	0.13	-	-	0.10	0.13	-
70	Paraguay	0.00	-	-	-	-	-	0.01	-
71	Peru	0.00	-	0.08	-	-	-	0.10	-
72	Philippines	-	-	0.12	0.00	-	0.02	0.04	-
73	Poland	-	0.08	0.14	0.09	-	0.13	0.17	-
74	Portugal	-	0.08	0.14	0.09	-	0.13	0.17	-
75	Qatar	-	-	0.00	-	-	0.05	0.19	-
76	Romania	-	0.08	0.14	0.09	-	0.13	0.17	-
77	Russia	-	-	0.13	0.01	0.00	0.09	0.08	-
78	Saudi Arabia	-	0.02	0.09	-	0.00	0.04	0.10	-
79	Singapore	-	-	0.03	0.10	-	0.02	0.03	-
80	Slovakia	-	0.08	0.14	0.09	-	0.13	0.17	-
81	Slovenia	-	0.08	0.14	0.09	-	0.13	0.17	-
82	South Korea	-	-	0.16	0.10	-	-	0.20	-
83	Spain	-	0.08	0.14	0.09	-	0.13	0.17	-
84	Sweden	-	0.08	0.14	0.09	-	0.13	0.17	-
85	Switzerland	-	-	0.18	-	-	0.13	0.18	-
86	Tajikistan	-	-	0.12	-	-	0.10	0.13	-
87	Thailand	-	-	0.04	-	-	0.00	0.10	-
88	Trinidad and Tobago	-	-	0.04	-	-	0.03	0.05	-
89	Tunisia	-	-	0.04	-	-	0.01	0.05	-
90	Turkey	-	-	0.06	-	-	-	0.08	-
91	United Kingdom	-	0.08	0.14	0.09	-	0.13	0.17	-
92	United States	-	-	0.04	0.10	-	0.03	0.07	0.00
93	Uruguay	-	-	-	-	-	0.05	0.03	0.00
94	Venezuela	-	-	-	-	-	-	0.17	-
95	Vietnam	-	-	0.17	0.00	-	0.01	0.18	-

Source: UNCTAD TRAINS, author's calculations.

Table A27 / PPML estimation results for bilateral import values of all ICT goods during 1996-2002

Dep. var. is m_{ijht}^v , and c is:	Consumer, safety, health	ICT specific, and qualitative	Environmental, animal, plant	Labelling, packaging, metrology, cost saving	Trade facilitation, conformity, harmonisation	National security requirements
$TBT_{ijht}^{SIM,c}$	0.024 (0.055)	-0.12*** (0.040)			-0.094** (0.046)	1.40** (0.65)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	0.058 (0.11)	0.18*** (0.049)			0.32** (0.14)	
PTA_{ijt}	-0.051 (0.049)	-0.049 (0.049)	-0.051 (0.049)	-0.051 (0.049)	-0.047 (0.049)	-0.051 (0.049)
$arcT_{ijht}$	-1.26*** (0.26)	-1.20*** (0.26)	-1.27*** (0.26)	-1.27*** (0.26)	-1.16*** (0.26)	-1.27*** (0.26)
$arcADP_{ijht}$	0.050 (0.050)	0.053 (0.050)	0.050 (0.050)	0.050 (0.050)	0.046 (0.050)	0.050 (0.050)
$arcCV_{ijht}$	-0.29** (0.15)	-0.29** (0.15)	-0.29** (0.15)	-0.29** (0.15)	-0.30** (0.15)	-0.29** (0.15)
Constant	11.9*** (0.010)	11.9*** (0.012)	11.9*** (0.010)	11.9*** (0.010)	11.9*** (0.011)	11.9*** (0.010)
Observations	1626523	1626523	1626523	1626523	1626523	1626523
Pseudo R-squared	0.983	0.983	0.983	0.983	0.983	0.983
AIC	486889024.5	486590020.4	486896430.5	486896430.5	486637020.7	486892957.8
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * $p < 0.1$, ** $p < 0.05$, *** $p < 0.01$.

Table A28 / PPML estimation results for bilateral import volumes of all ICT goods during 1996-2002

Dep. var. is m_{ijht}^q , and c is:	Consumer, safety, health	ICT specific, and qualitative	Environmental, animal, plant	Trade facilitation, conformity, harmonisation	National security requirements
$TBT_{ijht}^{SIM,c}$	-0.26*** (0.091)	0.013 (0.064)		0.031 (0.078)	-1.12 (0.89)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	0.22 (0.26)	0.027 (0.10)		0.080 (0.18)	
PTA_{ijt}	-0.063 (0.067)	-0.047 (0.067)	-0.050 (0.067)	-0.041 (0.068)	-0.050 (0.067)
$arcT_{ijht}$	-1.88*** (0.48)	-1.82*** (0.50)	-1.86*** (0.48)	-1.82*** (0.50)	-1.86*** (0.48)
$arcADP_{ijht}$	0.032 (0.079)	0.026 (0.081)	0.025 (0.080)	0.027 (0.080)	0.025 (0.080)
$arcCV_{ijht}$	-0.86*** (0.25)	-0.86*** (0.25)	-0.86*** (0.25)	-0.86*** (0.25)	-0.86*** (0.25)
Constant	9.33*** (0.025)	9.31*** (0.031)	9.32*** (0.025)	9.31*** (0.029)	9.32*** (0.025)
Observations	1593309	1593309	1593309	1593309	1593309
Pseudo R-squared	0.982	0.982	0.982	0.982	0.982
AIC	19927057.9	19943008.7	19943290.4	19942204.1	19943269.5
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes

Robust standard errors in parentheses; * $p < 0.1$, ** $p < 0.05$, *** $p < 0.01$.

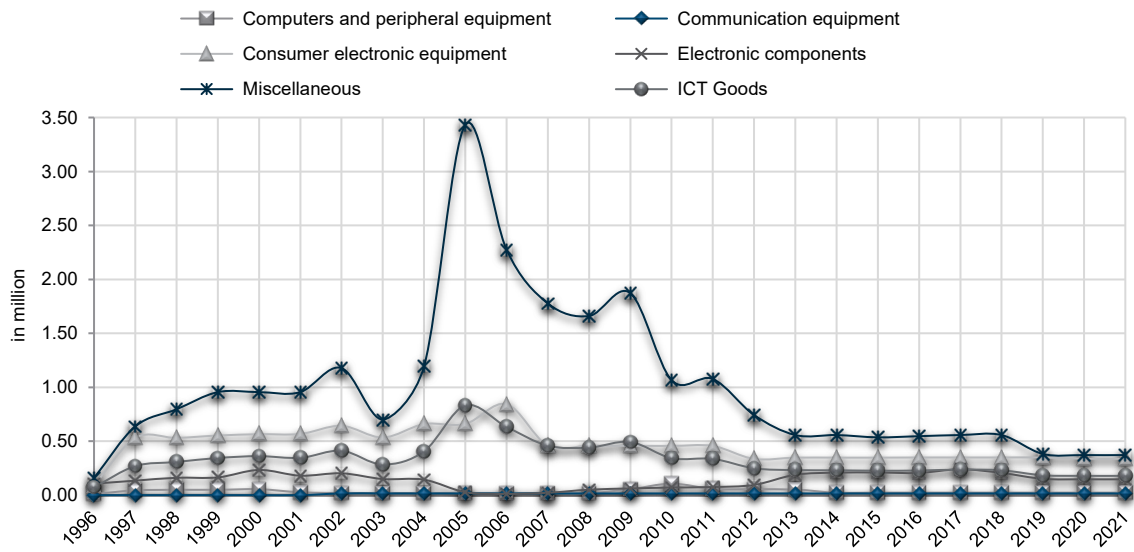
PPML could not reach a convergence for the model including the 'Labelling, packaging, metrology, cost saving' variable.

Table A29 / OLS estimation results for bilateral import prices of all ICT goods during 1996-2002

Dep. var. is m_{ijht}^p , and c is:	Consumer, safety, health	ICT specific, and qualitative	Environmental, animal, plant	Labelling, packaging, metrology, cost saving	Trade facilitation, conformity, harmonisation	National security requirements
$TBT_{ijht}^{SIM,c}$	0.021 (0.018)	-0.021 (0.020)			-0.013 (0.036)	0.16 (0.26)
$PTA_{ijt} \times TBT_{ijht}^{SIM,c}$	0.027 (0.048)	0.098*** (0.027)			-0.16* (0.090)	
PTA_{ijt}	-0.016 (0.020)	-0.018 (0.020)	-0.015 (0.020)	-0.015 (0.020)	-0.012 (0.020)	-0.016 (0.020)
$\text{arc } T_{ijht}$	0.12 (0.11)	0.13 (0.11)	0.12 (0.11)	0.12 (0.11)	0.12 (0.11)	0.12 (0.11)
$\text{arc } ADP_{ijht}$	-0.075 (0.048)	-0.074 (0.048)	-0.075 (0.048)	-0.075 (0.048)	-0.075 (0.048)	-0.075 (0.048)
$\text{arc } CV_{ijht}$	0.12 (0.37)	0.12 (0.37)	0.12 (0.37)	0.12 (0.37)	0.12 (0.37)	0.12 (0.37)
Constant	4.15*** (0.0079)	4.15*** (0.0079)	4.15*** (0.0079)	4.15*** (0.0079)	4.15*** (0.0079)	4.15*** (0.0079)
Observations	804759	804759	804759	804759	804759	804759
Pseudo R-squared	0.612	0.612	0.612	0.612	0.612	0.612
AIC	2012739.0	2012723.2	2012738.9	2012738.9	2012734.5	2012740.1
Imp-product-year FE ω_{jht}	Yes	Yes	Yes	Yes	Yes	Yes
Exp-product-year FE ω_{iht}	Yes	Yes	Yes	Yes	Yes	Yes
Imp-exp-product FE ω_{ijh}	Yes	Yes	Yes	Yes	Yes	Yes

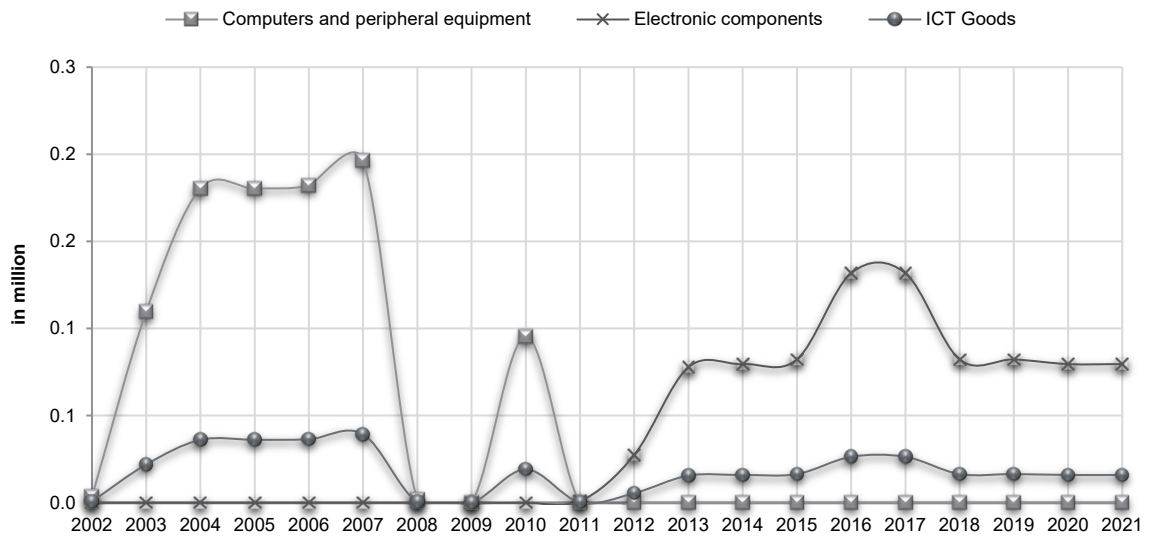
Robust standard errors in parentheses; * $p < 0.1$, ** $p < 0.05$, *** $p < 0.01$.

Figure A1 / Simple average ADP in force on ICT goods, by category, 1996-2021



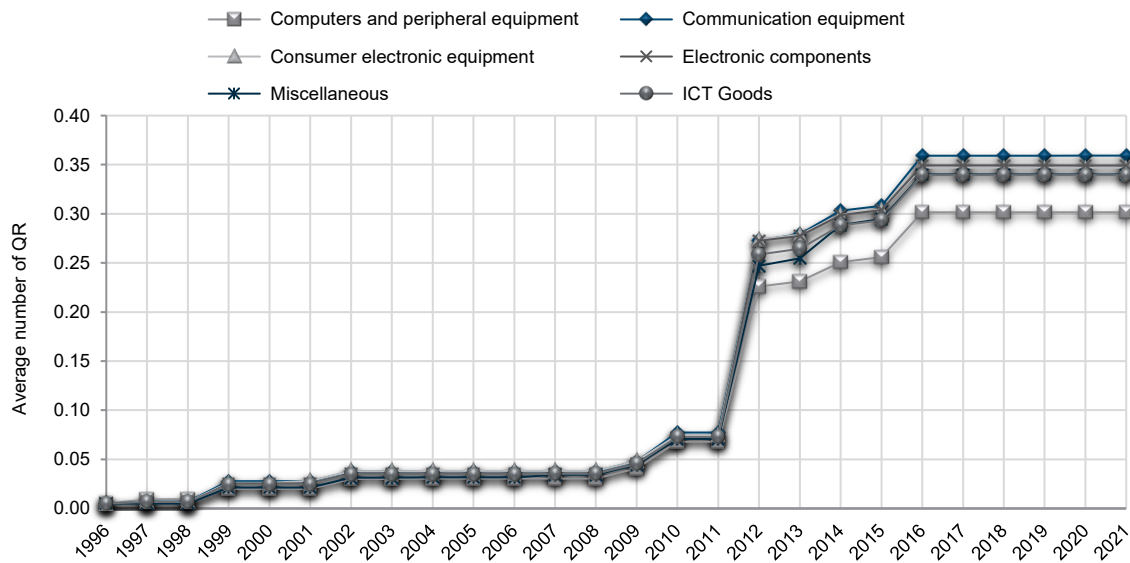
Source: WTO I-TIP, author's elaboration.

Figure A2 / Simple average CV duties in force on ICT goods, by category, 2002-2021



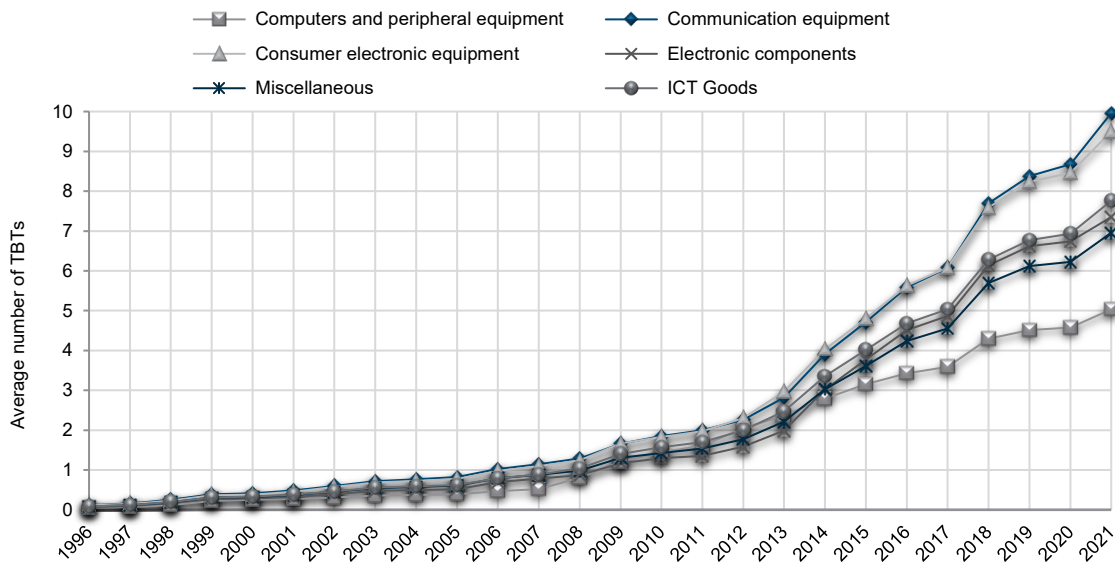
Source: WTO I-TIP, author's elaboration.

Figure A3 / Simple average QRs in force on ICT goods, by category, 1996-2021



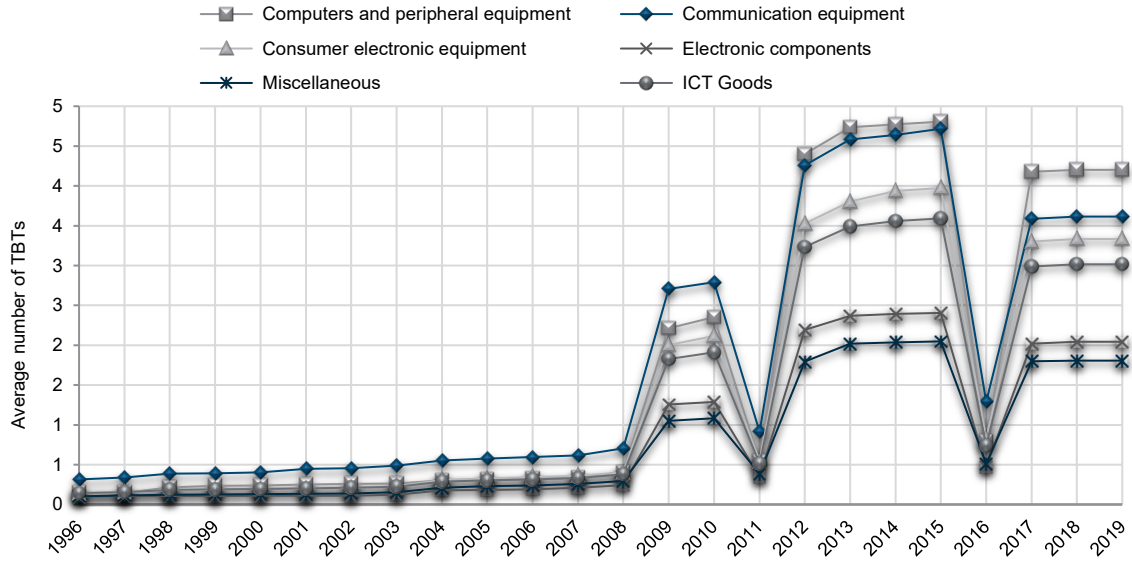
Source: WTO I-TIP, author's elaboration.

Figure A4 / Simple average TBTs in force on ICT goods, by category, 1996-2021



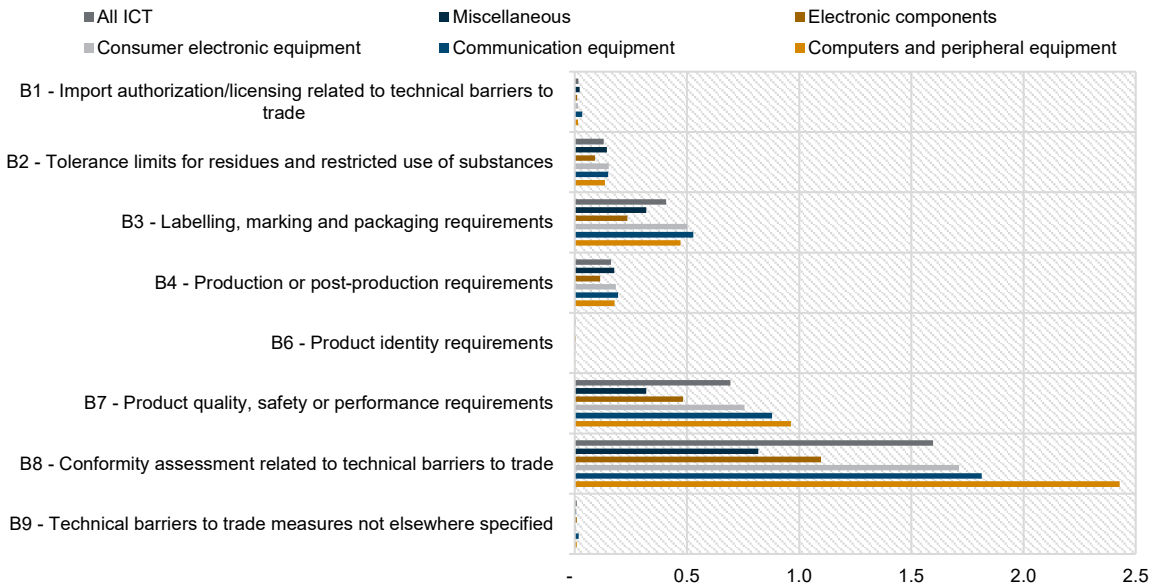
Source: WTO I-TIP, author's elaboration.

Figure A5 / Simple average UNCTAD TBTs in force on ICT goods, by category, 1996-2019



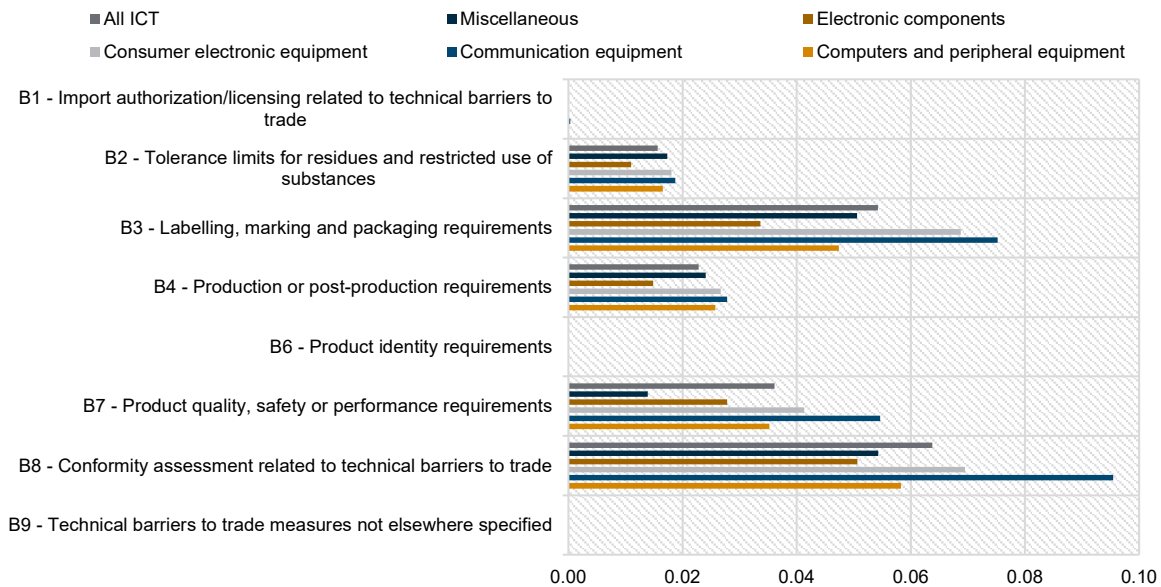
Source: UNCTAD TRAINS, author's elaboration.

Figure A6 / Average number of TBTs imposed on bilateral trade in ICT goods, by product category, based on two-digit MAST classes, 2019



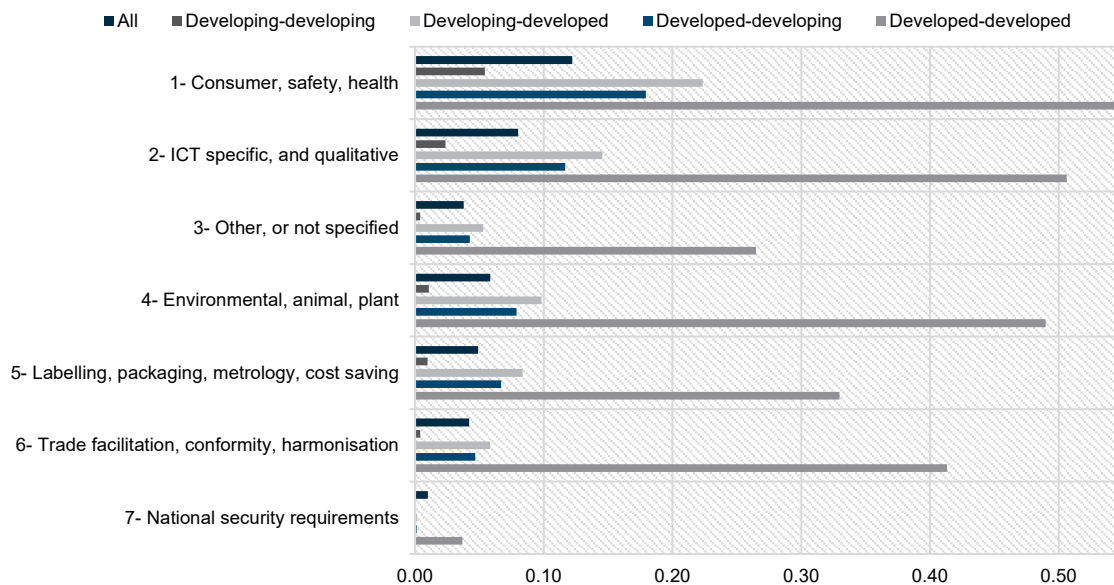
Source: WITS, COMTRADE, UNCTAD, WTO-IDB, author's elaboration.

Figure A7 / Global regulatory convergence in the imposition of TBTs, by product category, based on two-digit MAST classes, as a percentage of global bilateral tariff lines in 2019



Source: WITS, COMTRADE, UNCTAD, WTO-IDB, author's elaboration.

Figure A8 / Global regulatory convergence in the imposition of TBTs, by importing-exporting country groups, without intra-EU trade, based on keyword class cited in TBT notifications, as a percentage of bilateral tariff lines in 2019



Source: WITS, COMTRADE, WTO-IDB, author's elaboration.

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