

World - Trade Costs and Facilitation 2000-2001

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Sampling

No content available

Questionnaires

No content available

Data Collection

Data Collection Dates

Start	End	Cycle
2000	2001	N/A

Data Collection Mode

Other [oth]

Data Processing

No content available

Data Appraisal

No content available

File Description

Variable List

TFdata

Content	The data is organized such that unit of observation is a pair of importing and exporting countries. The major sources of data are, the Commodity and Trade Database(COMTRADE) of the United Nations Statistics Division for trade data, the Trade Analysis and Information System (TRAINS) of the United Nations Conference on Trade and Development(UNCTAD) for tariff data, the World Development Indicators published by the World Bank for the data of gross national product(GNP) and per capita GNP, and 3 country surveys for trade facilitation indicator. The variables are used for the gravity model in Chapter 4 of WMO(2004).
Cases	11100
Variable(s)	47
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1	cpi	cpi	contin	numeric	
V2	year	year	discrete	numeric	2000 and 2001
V3	imp	imp	discrete	character	
V4	importer	importer	discrete	character	Importing country
V5	exp	exp	discrete	character	
V6	exporter	exporter	discrete	character	Exporting country
V7	trade	trade	contin	numeric	The value of manufactures export from country J to I
V8	tariff	tariff	contin	numeric	Tariff rate in the percent ad velorem term that is specific to the trading partners I and J and year t.
V9	gnp_im	gnp_im	contin	numeric	Importing country's GNP in 1995 constant U.S. dollars
V10	gnp_ex	gnp_ex	contin	numeric	Exporting country's GNP in 1995 constant U.S. dollars
V11	gnppc_ex	gnppc_ex	contin	numeric	Exporting country's GNP per capita in 1995 U.S. dollars
V12	gnppc_im	gnppc_im	contin	numeric	Importing country's GNP per capita in 1995 U.S. dollars
V13	ports_im	ports_im	contin	numeric	Port efficiency for importing country The average of two indexed inputs (water, air)
V14	regulation_im	regulation_im	contin	numeric	Regulatory environment for importing country The average of two indexed inputs (corrupt, transparency)
V15	services_im	services_im	contin	numeric	Service sector infrastructure for importing country The average of two indexed inputs (e_cost, internet)
V16	ports_ex	ports_ex	contin	numeric	Ports efficiency for exporting country
V17	customs_ex	customs_ex	contin	numeric	Customs environment for importing country
V18	regulation_ex	regulation_ex	contin	numeric	Regulatory environment for exporting country
V19	services_ex	services_ex	contin	numeric	Service sector infrastructure for exporting country
V20	distance	distance	contin	numeric	Geographical distance between capital in country I and J
V21	dadjacent	dadjacent	discrete	numeric	The adjacency dummy : 1 if country I is adjacent to country J, and 0 otherwise.
V22	dasean	dasean	discrete	numeric	The trade agreement dummy : ASEAN

ID	Name	Label	Type	Format	Question
V23	dnafta	dnafta	discrete	numeric	The trade agreement dummy : NAFTA
V24	dlaia	dlaia	discrete	numeric	The trade agreement dummy : LAIA
V25	daunz	daunz	discrete	numeric	The trade agreement dummy : AUNZ
V26	dmercosur	dmercosur	discrete	numeric	The trade agreement dummy : MERCOSUR
V27	deu	deu	discrete	numeric	The trade agreement dummy : EU
V28	deng	deng	discrete	numeric	The language dummy : English
V29	dfrc	dfrc	discrete	numeric	The language dummy : French
V30	dspn	dspn	discrete	numeric	The language dummy : Spanish
V31	darb	darb	discrete	numeric	The language dummy : Arabic
V32	dchi	dchi	discrete	numeric	The language dummy : Chinese
V33	dgmnn	dgmnn	discrete	numeric	The language dummy : German
V34	dpor	dpor	discrete	numeric	The language dummy : Portuguese
V35	drus	drus	discrete	numeric	The language dummy : Russian
V36	d2000	d2000	discrete	numeric	A dummy for year 2000
V37	water	water	contin	numeric	Sub-index for ports efficiency index
V38	air	air	contin	numeric	Sub-index for ports index
V39	barriers	barriers	contin	numeric	Sub-index for customs index
V40	bribes	bribes	contin	numeric	Sub-index for customs index
V41	transparency	transparency	contin	numeric	Sub-index for regulation index
V42	corrupt	corrupt	contin	numeric	Sub-index for regulation index
V43	e_cost	e_cost	contin	numeric	Sub-index for services index
V44	internet	internet	contin	numeric	Sub-index for services index
V45	customs_im	customs_im	contin	numeric	Customs environment for importing country
V46	number	number	contin	numeric	
V47	FDI	FDI	contin	numeric	

cpi (cpi)

File: TFdata

Overview

Type: Continuous
 Format: numeric
 Width: 4
 Decimals: 2
 Range: 1.130045-1.161982

Valid cases: 9390
 Invalid: 1710
 Minimum: 1.1
 Maximum: 1.2
 Mean: 1.1
 Standard deviation: 0

year (year)

File: TFdata

Overview

Type: Discrete
 Format: numeric
 Width: 4
 Decimals: 0
 Range: 2000-2001

Valid cases: 11100
 Invalid: 0

Literal question

2000 and 2001

imp (imp)

File: TFdata

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 11100
 Invalid: 0

importer (importer)

File: TFdata

Overview

Type: Discrete
 Format: character
 Width: 19

Valid cases: 11100
 Invalid: 0

Literal question

Importing country

exp (exp)

File: TFdata

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 11100
 Invalid: 0

exporter (exporter)

File: TFdata

Overview

Type: Discrete
Format: character
Width: 19

Valid cases: 11100
Invalid: 0

Literal question

Exporting country

trade (trade)

File: TFdata

Overview

Type: Continuous
Format: numeric
Width: 12
Decimals: 2
Range: 0-136000000

Valid cases: 9390
Invalid: 1710
Minimum: 0
Maximum: 136000000
Mean: 811678.3
Standard deviation: 4864178.4

Literal question

The value of manufactures export from country J to I

tariff (tariff)

File: TFdata

Overview

Type: Continuous
Format: numeric
Width: 6
Decimals: 2
Range: 0-294.41

Valid cases: 9540
Invalid: 1560
Minimum: 0
Maximum: 294.4
Mean: 8.4
Standard deviation: 10.1

Literal question

Tariff rate in the percent ad velorem term that is specific to the trading partners I and J and year t.

gnp_im (gnp_im)

File: TFdata

Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: 3875964-8750000000

Valid cases: 10656
Invalid: 444
Minimum: 3875964
Maximum: 8750000000
Mean: 360713520.6
Standard deviation: 1132281210.5

Literal question

Importng country's GNP in 1995 constant U.S. dollars

gnp_ex (gnp_ex)

File: TFdata

gnp_ex (gnp_ex)

File: TFdata

Overview

Type: Continuous	Valid cases: 10656
Format: numeric	Invalid: 444
Width: 10	Minimum: 3875964
Decimals: 0	Maximum: 8750000000
Range: 3875964-8750000000	Mean: 360713520.6
	Standard deviation: 1132281210.5

Literal question

Exporting country's GNP in 1995 constant U.S. dollars

gnppc_ex (gnppc_ex)

File: TFdata

Overview

Type: Continuous	Valid cases: 10656
Format: numeric	Invalid: 444
Width: 5	Minimum: 0.3
Decimals: 2	Maximum: 34.2
Range: 0.2521024-34.17323	Mean: 8.4
	Standard deviation: 9.3

Literal question

Exporting country's GNP per capita in 1995 U.S. dollars

gnppc_im (gnppc_im)

File: TFdata

Overview

Type: Continuous	Valid cases: 10656
Format: numeric	Invalid: 444
Width: 5	Minimum: 0.3
Decimals: 2	Maximum: 34.2
Range: 0.2521024-34.17323	Mean: 8.4
	Standard deviation: 9.3

Literal question

Importing country's GNP per capita in 1995 U.S. dollars

ports_im (ports_im)

File: TFdata

Overview

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.3
Decimals: 2	Maximum: 1
Range: 0.3447205-1	Mean: 0.7
	Standard deviation: 0.2

Literal question

Port efficiency for importing country
 The average of two indexed inputs (water, air)

regulation_im (regulation_im)

File: TFdata

Overview

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.4
Decimals: 2	Maximum: 1
Range: 0.3528432-1	Mean: 0.7
	Standard deviation: 0.1

Literal question

Regulatory environment for importing country
 The average of two indexed inputs (corrupt, transparency)

services_im (services_im)

File: TFdata

Overview

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.5
Decimals: 2	Maximum: 1
Range: 0.4817447-1	Mean: 0.7
	Standard deviation: 0.1

Literal question

Service sector infrastructure for importing country
 The average of two indexed inputs (e_cost, internet)

ports_ex (ports_ex)

File: TFdata

Overview

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.3
Decimals: 2	Maximum: 1
Range: 0.3447205-1	Mean: 0.7
	Standard deviation: 0.2

Literal question

Ports efficiency for exporting country

customs_ex (customs_ex)

File: TFdata

Overview

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.4
Decimals: 2	Maximum: 1
Range: 0.3838235-0.9785714	Mean: 0.7
	Standard deviation: 0.2

Literal question

Customs environment for importing country

regulation_ex (regulation_ex)

File: TFdata

Overview

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.4
Decimals: 2	Maximum: 1
Range: 0.3528432-1	Mean: 0.7
	Standard deviation: 0.1

Literal question

Regulatory environment for exporting country

services_ex (services_ex)

File: TFdata

Overview

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.5
Decimals: 2	Maximum: 1
Range: 0.4817447-1	Mean: 0.7
	Standard deviation: 0.1

Literal question

Service sector infrastructure for exporting country

distance (distance)

File: TFdata

Overview

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 8	Minimum: 99.7
Decimals: 2	Maximum: 19945.9
Range: 99.726-19945.91	Mean: 8148.2
	Standard deviation: 4892.3

Literal question

Geographical distance between capital in country I and J

dadjacent (dadjacent)

File: TFdata

Overview

Type: Discrete	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

Literal question

The adjacency dummy : 1 if country I is adjacent to country J, and 0 otherwise.

dasean (dasean)

File: TFdata

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 11100
 Invalid: 0

Literal question

The trade agreement dummy : ASEAN

dnafta (dnafta)

File: TFdata

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 11100
 Invalid: 0

Literal question

The trade agreement dummy : NAFTA

dlaia (dlaia)

File: TFdata

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 11100
 Invalid: 0

Literal question

The trade agreement dummy : LAIA

daunz (daunz)

File: TFdata

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 11100
 Invalid: 0

Literal question

The trade agreement dummy : AUNZ

dmercosur (dmercosur)

File: TFdata

dmercotur (dmercotur)

File: TFdata

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 11100
 Invalid: 0

Literal question

The trade agreement dummy : MERCOSUR

deu (deu)

File: TFdata

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 11100
 Invalid: 0

Literal question

The trade agreement dummy : EU

deng (deng)

File: TFdata

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 11100
 Invalid: 0

Literal question

The language dummy : English

dfrc (dfrc)

File: TFdata

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 11100
 Invalid: 0

Literal question

The language dummy : French

dspn (dspn)

File: TFdata

dspn (dspn)

File: TFdata

Overview

Type: Discrete	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

Literal question

The language dummy : Spanish

darb (darb)

File: TFdata

Overview

Type: Discrete	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

Literal question

The language dummy : Arabic

dchi (dchi)

File: TFdata

Overview

Type: Discrete	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

Literal question

The language dummy : Chinese

dgm (dgm)

File: TFdata

Overview

Type: Discrete	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

Literal question

The language dummy : German

dpor (dpor)

File: TFdata

dpor (dpor)

File: TFdata

Overview

Type: Discrete	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

Literal question

The language dummy : Portuguese

drus (drus)

File: TFdata

Overview

Type: Discrete	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

Literal question

The language dummy : Russian

d2000 (d2000)

File: TFdata

Overview

Type: Discrete	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

Literal question

A dummy for year 2000

water (water)

File: TFdata

Overview

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.3
Decimals: 2	Maximum: 1
Range: 0.2608696-1	Mean: 0.6
	Standard deviation: 0.2

Literal question

Sub-index for ports efficiency index

air (air)

File: TFdata

air (air)

File: TFdata

Overview

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.2
Decimals: 2	Maximum: 1
Range: 0.2285714-1	Mean: 0.7
	Standard deviation: 0.2

Literal question

Sub-index for ports index

barriers (barriers)

File: TFdata

Overview

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.4
Decimals: 2	Maximum: 1
Range: 0.3676471-1	Mean: 0.7
	Standard deviation: 0.2

Literal question

Sub-index for customs index

bribes (bribes)

File: TFdata

Overview

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.3
Decimals: 2	Maximum: 1
Range: 0.3428572-1	Mean: 0.7
	Standard deviation: 0.2

Literal question

Sub-index for customs index

transparency (transparency)

File: TFdata

Overview

Type: Continuous	Valid cases: 7104
Format: numeric	Invalid: 3996
Width: 5	Minimum: 0.1
Decimals: 2	Maximum: 1
Range: 0.0887793-1	Mean: 0.6
	Standard deviation: 0.2

Literal question

Sub-index for regulation index

corrupt (corrupt)

File: TFdata

Overview

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.5
Decimals: 2	Maximum: 1
Range: 0.5296552-1	Mean: 0.7
	Standard deviation: 0.1

Literal question

Sub-index for regulation index

e_cost (e_cost)

File: TFdata

Overview

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.3
Decimals: 2	Maximum: 1
Range: 0.3478261-1	Mean: 0.6
	Standard deviation: 0.2

Literal question

Sub-index for services index

internet (internet)

File: TFdata

Overview

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.5
Decimals: 2	Maximum: 1
Range: 0.4807692-1	Mean: 0.7
	Standard deviation: 0.1

Literal question

Sub-index for services index

customs_im (customs_im)

File: TFdata

Overview

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.4
Decimals: 2	Maximum: 1
Range: 0.3838235-0.9785714	Mean: 0.7
	Standard deviation: 0.2

Literal question

Customs environment for importing country

number (number)

File: TFdata

Overview

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 75
Range: 1-75	Mean: 38
	Standard deviation: 21.7

FDI (FDI)

File: TFdata

Overview

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 10	Minimum: 488
Decimals: 2	Maximum: 1321063
Range: 488-1321063	Mean: 80943.4
	Standard deviation: 175502.4

Related Materials

Technical documents

Data Description

Title Data Description
 Language English
 Filename Data-description-large.pdf

Other materials

Assessing the Potential Benefit of Trade Facilitation: A Global Perspective

Title Assessing the Potential Benefit of Trade Facilitation: A Global Perspective
 Author(s) John S. Wilson Catherine L. Mann Tsunehiro Otsuki
 Date 2004-02-01
 Language English
 Filename <http://go.worldbank.org/F9B5SKTRO0>

Data in ASCII+SPSS+SAS Program

Title Data in ASCII+SPSS+SAS Program
 Filename WLD_2000_TCF_v01_M ASCII_SPSS_SAS.zip
