DATA ARCHIVE FOR AICHELE & FELBERMAYR: "KYOTO AND CARBON LEAKAGE: AN EMPIRICAL ANALYSIS OF THE CARBON CONTENT OF BILATERAL TRADE", in REVIEW OF ECONOMICS AND STATISTICS

DATA DICTIONARY:

Variable	Description
ccode	Alpha-numeric ISO-3 code importer
pcode	Alpha-numeric ISO-3 code exporter
year	Year of observation
category	Sector identifier
sid	Identifier of importer-exporter-sector
pairy	Identifier of importer-exporter-year
iddi	Identifier of importer-exporter pair
cid	
pid	
ckyoto	Indicator variable for Kyoto ratification of importer, Source: UNFCCC
pkyoto	Indicator variable for Kyoto ratification of exporter, Source: UNFCCC
dk	Difference in Kyoto status (=ckyoto-pkyoto)
dk_alt_1997	Difference in Kyoto status with placebo treatment in 1997
dk_alt_1998	Difference in Kyoto status with placebo treatment in 1998
dk_USA	Difference in Kyoto status with USA as additional Kyoto country
imp	Imports (in current US-dollars, fob), Source: UN COMTRADE
exp	Exports (in current US-dollars), Source: UN COMTRADE
limp	Ln of imp
BEIM	Bilateral emissions embodied in imports (in t of CO2), single-region input-output method, unbalanced sample, own calculation
BEEX_srio	Bilateral emissions embodied in exports (in t of CO2), single-region input-output method, unbalanced sample, own calculation
lbeim	Ln of BEIM
int_imp	Carbon content intensity of imports (=BEIM/imp) (in t of CO2 per US-dollar)
lint	Ln of int_imp

CCT_sec	Sectoral bilateral carbon terms of trade a la Antweiler (1996) (=BEEX_srio/exp/(BEIM/imp))
lCCT_sec	Ln of CCT_sec
BEIM_tech	Bilateral emissions embodied in imports (in t of CO2), single-region input-output method, balanced sample, technology fixed in 2000, own calculation
BEIM_mrio	Bilateral emissions embodied in imports (in t of CO2), multi-region input-output method, balanced sample, own calculation
BEEX_mrio	Bilateral emissions embodied in exports (in t of CO2), multi-region input-output method, balanced sample, own calculation
BEIM_mrio_US	Bilateral emissions embodied in imports (in t of CO2), multi-region input-output method, balanced sample, Rest-of-World has US-technology, own calculation
BEEX_mrio_US	Bilateral emissions embodied in exports (in t of CO2), multi-region input-output method, balanced sample, Rest-of-World has US-technology, own calculation
BEIM_m_iofix	Bilateral emissions embodied in imports (in t of CO2), multi-region input-output method, balanced sample, input-output-table fixed in 2000, own calculation
BEEX_m_iofix	Bilateral emissions embodied in imports (in t of CO2), multi-region input-output method, balanced sample, input-output-table fixed in 2000, own calculation
ltech	Ln of BEIM_tech
lmrio	Ln of BEIM_mrio
ltech	Ln of BEIM_m_iofix
lint2	Ln of carbon content intensity, multi-region input-output-method
lint3	Ln of carbon content intensity, technology fixed in 2000
lCTT_sec_mrio	Ln of carbon terms of trade, multi-region input-output method
pentry	Exporter's year of entry into force of Kyoto Protocol, Source: UNFCCC
pactualtarget	Exporter's emission reduction target under Kyoto, Source: UNFCCC
pcommitment	Indicator variable for exporter's Kyoto ratification, Source: UNFCCC
pyr_rat	Exporter's year of ratification of Kyoto Protocol, Source: UNFCCC
centry	Importer's year of entry into force of Kyoto Protocol, Source: UNFCCC
cactualtarget	Importer's emission reduction target under Kyoto, Source: UNFCCC

ccommitment	Indicator variable for importer's Kyoto ratification, Source: UN-FCCC
cyr_rat	Importer's year of ratification of Kyoto Protocol, Source: UNFCCC
wto	Indicator variable of joint WTO membership, Source: WTO homepage
eu	Indicator variable of joint EU membership, Source: EU homepage
fta	Indicator variable of joint FTA membership, Source: WTO homepage
cpop	Importer's total population, Source: WDI 2010
crgdp	Importer's GDP per capita, PPP (in constant 2005 international $), Source: WDI 2010
ccgdp	Importer's GDP per capita (in constant 2000 US-dollars), Source: WDI
ppop	Exporter's total population, Source: WDI 2010
prgdp	Exporter's GDP per capita, PPP (in constant 2005 international $), Source: WDI 2010
pcgdp	Exporter's GDP per capita (in constant 2000 US-dollars), Source: WDI
lcy	Ln of importer's GDP per capita (=ln(ccgdp))
lpy	Ln of exporter's GDP per capita (=ln(pcgdp))
cstrin	Stringency of importer's Kyoto commitment (0,1,2)
pstrin	Stringency of exporter's Kyoto commitment (0,1,2)
dstrin	Difference in Kyoto stringency (=cstrin-pstrin)
contig	Indicator variable for contiguity, Source: CEPII distance database
comlang_ethno	Indicator variable for common language, Source: CEPII
colony	Indicator variable for pairs ever in colonial relationship, Source: CEPII
comcol	Indicator variable for common colonizer post 1945, Source: CEPII
curcol	Indicator variable for pairs currently in colonial relationship, Source: CEPII
col45	Indicator variable for pairs in colonial relationship post 1945, Source: CEPII
smctry	Indicator variable for whether countries were or are the same country, Source: CEPII
dist	Simple distance (most populated cities, in km), Source: CEPII
distcap	Simple distance between capitals (in km), Source: CEPII
distw	Weighted distance (population-weight, in km), Source: CEPII
distwces	Weighted distance (pop-weight CES distance, in km), Source: CEPII
ldist	Ln of dist
ctheta	Importer's GDP weight, Source: calculation from WDI
ptheta	Exporter's GDP weight, Source: calculation from WDI
mrdis	Multilateral resistance of distance (GDP-weights), own calculation
mrcon	Multilateral resistance of contiguity (GDP-weights), own calculation

mrcom	Multilateral resistance of common language (GDP-weights), own calculation
mrfta	Multilateral resistance of joint FTAs (GDP-weights), own calculation
mrwto	Multilateral resistance of joint WTO (GDP-weights), own calculation
mreu	Multilateral resistance of joint EU (GDP-weights), own calculation
trans	Indicator variable for countries in transition
cICC	Indicator variable for importer's ratification of Rome Statute governing membership to the International Criminal Court
pICC	Indicator variable for exporter's ratification of Rome Statute governing membership to the International Criminal Court
dkICC	Difference in ICC ratification (=cICC-pICC)
bothin	Indicator variable for both countries in Kyoto
impin	Indicator variable for importer only in Kyoto
expin	Indicator variable for exporter only in Kyoto
nonein	Indicator variable for both countries not in Kyoto