

Description of Variables in Data Sets
For
The Economic Significance of National Border Effects¹

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¹ Board of Governors of the Federal Reserve System. The views expressed in this paper are those of the author, and not necessarily those of the Board of Governors of the Federal Reserve System or the Federal Reserve System. I wish to thank James Harrigan, John Helliwell, James Rauch, and Phil Swagel for provision of data.

Evans Sept03 Tables 3 4(A1) 6 7.dta

<u>Variable Name</u>	<u>Variable Description</u>
obsno	Observation number
exco	Exporting country
imco	Importing country
indno	Industry number (based on ISIC classification)
logship	Log of value of shipments between producer (exporter) and consumer (importer)
loggdp	Log of GDP of importer
lnprod90	Log of value of production
logpopm	Log of population of importer
logdist	Log of distance between consumer and producer
eudum	EU dummy variable
cdum	Dummy variable for trade within a country (equals one for trade within a country)
lang	Dummy variable for common language for consumer and producer
adj	Dummy variable for adjacency (sharing a common border)
bordiit	Interaction term between cdum and intra-industry trade index term
dum31 – dum39	Industry dummy variables
dis31 - dis39	Interaction terms between logdist and industry dummy variables
brd31 – brd39, ibord100	Interaction terms between cdum and industry dummy variables
raperbo2	Interaction term between Rauch index and cdum
adboboth	Interaction term between advertising to sales and cdum
rdboboth	Interaction term between R&D to sales and cdum
lnexwf	Log of number of workers in exporting (producing) country
lnexks	Log of capital stock in exporting (producing) country
lnexag	Log of agricultural land in exporting (producing) country
lnexwf31 - lnexwf39, lnexw100	Interaction terms between log of number of workers in exporting (producing) country and industry dummy variables

lnexks31 - lnexks39, lnexk100	Interaction terms between log of capital stock in exporting (producing) country and industry dummy variables
lnexag31 - lnexag39, lnexa100	Interaction terms between log of agricultural land in exporting (producing) country and industry dummy variables
ntbs	Non-tariff barriers
lnavtar	Tariffs
lngdrmm	Log of GDP-based alternative-trading-partner indices of importers
lngdrmx	Log of GDP-based alternative-trading-partner indices of exporters
lnpdrmm	Log of population-based alternative-trading-partner indices of importers
lnpdrmx	Log of population-based alternative-trading-partner indices of exporters
kktrstmb	Trust
kkcivcmb	Civic cooperation
kkpgpmb	Group membership
kkconfmb	Confidence in government
rlppthmb	Rail density
hyppthmb	Highway density
scMb	Social capital index

Evans Sept03 Table 5.dta

<u>Variable Name</u>	<u>Variable Description</u>
cons	Consumer
prod	Producer
ind	Industry
year	Year
local	Dummy variable for trade (movement of goods) within a country's borders
chem, elec, food, mach, pfmet, trans	Industry dummy variables
t90 - t94	Year dummy variables
lngdpc	Log of GDP of consumer
lnpopc	Log of population of consumer
lndomcn	Log of consumption for regressions with domestic producers and U.S. exporters
lndompdn	Log of production for regressions with domestic producers and U.S. exporters
lndist	Log of distance between consumer and producer
lnfdicn	Log of consumption for regressions with foreign affiliates and U.S. exporters
lnfdipdn	Log of production for regressions with foreign affiliates and U.S. exporters
dcechem, dceelec, dcefood, dcemach, dcepfmt, dcetrans	Interaction terms between lndist and industry dummy variables
borchem, borelec, borfood, bormach, borother, borpfmet, bortrans	Interaction terms between cdum and industry dummy variables
labexch, labexel, labexfd, labexma, labexot, labexpf, labextr	Interaction terms between log of labor force in producing country and industry dummy variables
lndexch, lndexel, lndexfd, lndexma, lndexot, lndexpf, lndextr	Interaction terms between log of agricultural land in producing country and industry dummy variables
inkexch, inkexel, inkexfd, inkexma, inkexot, inkexpf, inkextr	Interaction terms between log of capital stock in producing country and industry dummy variables
lngaltc2	Log of GDP-based alternative-trading-partner indices of consumers
lngaltp2	Log of GDP-based alternative-trading-partner indices of producers
lnpaltc2	Log of population-based alternative-trading-partner indices of consumers
lnpaltp2	Log of population-based alternative-trading-partner indices of producers