

# World - Banking Crisis and Exports 1980-2006

**Leonardo Iacovone (World Bank) and Veronika Zavacka (Graduate Institute for  
International and Development Studies)**

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# Sampling

No content available

# Questionnaires

No content available

## Data Collection

### Data Collection Dates

| Start | End  | Cycle |
|-------|------|-------|
| 1980  | 2006 | N/A   |

### Time Periods

| Start | End  | Cycle |
|-------|------|-------|
| 1980  | 2006 | N/A   |

### Data Collection Mode

Other [oth]

#### DATA COLLECTION NOTES

Exports data, from UN Comtrade, are disaggregated at 4 digits ISIC Rev 2 and cover the period 1980 to 2006. There are 81 industries at this level of disaggregation, however, not all countries have exported in all industries and years and therefore the resulting panel is unbalanced with the number of observations slightly above 30000.

The information on banking crises is obtained from Dell'Ariccia, Detragiache, and Rajan (2008) who identify 48 episodes of systemic financial crises in both developed and developing countries. Because we are only interested in the effect of pure banking crises we exclude all "twin crises" when a currency crisis occurred jointly with the banking crisis. The rationale for this exclusion is that we want to isolate the credit crunch channel from balance sheet effects. During twin crises, when large devaluations occur, firms with high exposure to foreign debt will be hit particularly hard. If these firms are also the firms highly dependent on external finance, the effect of the crisis on exporters that we observe might be a consequence of their own balance sheet problems rather than a consequence of the credit crunch due to the banking crisis. Finally, out of the remaining 32 crisis episodes we only have disaggregated trade data for 23 crises in 21 countries. We use Dell'Ariccia, Detragiache, and Rajan's (2008) database to identify the start of the crisis but in the estimations the financial crisis dummy is actually a "crisis window". This is equal to 1 if country  $i$  faces a financial crisis in year  $t$  as well as in the two following years. The reason of using a crisis window is because we are not only interested in the immediate short run effects of the crisis but also its medium-term effects. Furthermore, given the lumpiness of certain investments it is possible that the impact of the credit crunch due to the crisis may emerge with a lag as firms do not have to finance investment continuously.

# Data Processing

No content available

# Data Appraisal

No content available

# File Description

# Variable List

## FinalDataset

|              |   |
|--------------|---|
| Content      | Exports data, from UN Comtrade, are disaggregated at 4 digits ISIC Rev 2 and cover the period 1980 to 2006. There are 81 industries at this level of disaggregation, however, not all countries have exported in all industries and years and therefore the resulting panel is unbalanced with the number of observations slightly above 30000. The information on banking crises is obtained from Dell'Ariccia, Detragiache, and Rajan (2008) who identify 48 episodes of systemic financial crises in both developed and developing countries. Because we are only interested in the effect of pure banking crises we exclude all "twin crises" when a currency crisis occurred jointly with the banking crisis. The rationale for this exclusion is that we want to isolate the credit crunch channel from balance sheet effects. During twin crises, when large devaluations occur, firms with high exposure to foreign debt will be hit particularly hard. If these firms are also the firms highly dependent on external finance, the effect of the crisis on exporters that we observe might be a consequence of their own balance sheet problems rather than a consequence of the credit crunch due to the banking crisis. Finally, out of the remaining 32 crisis episodes we only have disaggregated trade data for 23 crises in 21 countries. We use Dell'Ariccia, Detragiache, and Rajan's (2008) database to identify the start of the crisis but in the estimations the financial crisis dummy is actually a "crisis window". This is equal to 1 if country <i>i</i> faces a financial crisis in year <i>t</i> as well as in the two following years. The reason of using a crisis window is because we are not only interested in the immediate short run effects of the crisis but also its medium-term effects. Furthermore, given the lumpiness of certain investments it is possible that the impact of the credit crunch due to the crisis may emerge with a lag as firms do not have to finance investment continuously. |
| Cases        | 39588   |
| Variable(s)  | 44  |
| Structure    | Type:<br>Keys: ()   |
| Version      |   |
| Producer     |   |
| Missing Data |   |

## Variables

| ID  | Name            | Label  | Type     | Format    | Question |
|-----|-----------------|--|----------|-----------|----------|
| V1  | exporter        | Reporter   | discrete | character |          |
| V2  | year            | Year   | discrete | numeric   |          |
| V3  | product         | Product  | discrete | numeric   |          |
| V4  | tradevalue      | Total value of exports(thousands USD)  | contin   | numeric   |          |
| V5  | tradeshare      | Share of the industry in total exports in t-3                                | contin   | numeric   |          |
| V6  | expgrowth       | Export growth rate (log difference)  | contin   | numeric   |          |
| V7  | expgrowthTRIM   | Trimmed growth rate (5% at each tail)  | contin   | numeric   |          |
| V8  | BANK            | Banking crisis dummy   | discrete | numeric   |          |
| V9  | BANK_W3         | Banking crisis - 3 year window   | discrete | numeric   |          |
| V10 | TWIN            | Twin crisis  | discrete | numeric   |          |
| V11 | RZ              | External finance dependence (Rajan, Zingales 1998)                           | contin   | numeric   |          |
| V12 | FL              | Dependence on trade credit (Fisman, Love 2003)                               | contin   | numeric   |          |
| V13 | TANG            | Tangibility (Kroszner, Laeven, Klingebiel 2007)                              | contin   | numeric   |          |
| V14 | ofagdp          | OTHER FINANCIAL INSTITUTIONS ASSETS / GDP                                    | contin   | numeric   |          |
| V15 | pcrdbofgdp      | PRIVATE CREDIT BY DEPOSIT MONEY BANKS AND OTHER FINANCIAL INSTITUTIONS / GDP | contin   | numeric   |          |
| V16 | stmktcap        | STOCK MARKET CAPITALIZATION / GDP  | contin   | numeric   |          |
| V17 | RecessionAbroad | Trade weighted recession abroad  | contin   | numeric   |          |

| ID  | Name        | Label   | Type     | Format  | Question |
|-----|-------------|---|----------|---------|----------|
| V18 | GDPgrAbroad | Trade weighted GDP growth abroad                      | contin   | numeric |          |
| V19 | durables    | 1 if durable, 0 otherwise                             | discrete | numeric |          |
| V20 | loss        | GDP loss during crisis (linear trend)                 | contin   | numeric |          |
| V21 | loss2       | GDP loss during crisis (quadratic trend)              | contin   | numeric |          |
| V22 | GDPcap      | Real GDP per capita (USD)                             | contin   | numeric |          |
| V23 | developed   | Dummy=1 if developed, 0 otherwise                     | discrete | numeric |          |
| V24 | developing  | (mean) developing                                     | discrete | numeric |          |
| V25 | blanguar    | Blanket guarantee                                     | discrete | numeric |          |
| V26 | liqsup      | Liquidity support                                     | discrete | numeric |          |
| V27 | forba       | Forbearance A   | discrete | numeric |          |
| V28 | forbb       | Forbearance B   | discrete | numeric |          |
| V29 | recaps      | Recapitalizations                                     | discrete | numeric |          |
| V30 | debtrelief  | Debt relief   | discrete | numeric |          |
| V31 | polycytot   | Policy total  | discrete | numeric |          |
| V32 | recession   | Recession at home dummy                               | discrete | numeric |          |
| V33 | GDPgr       | Real gdp growth %                                     | contin   | numeric |          |
| V34 | INVSA       | Inventories/sales                                     | contin   | numeric |          |
| V35 | CCC         | Cash conversion cycle                                 | contin   | numeric |          |
| V36 | RZyoung     | External finance dependence, young firms              | contin   | numeric |          |
| V37 | rznoncrisis | Ext. fin. dep. non-crisis countries                   | contin   | numeric |          |
| V38 | caplab      | Capital/labor   | contin   | numeric |          |
| V39 | rd          | R&D intensity   | contin   | numeric |          |
| V40 | homogeneity | Product homogeneity                                   | discrete | numeric |          |
| V41 | n           | Number of intermediates (Cowan and Neut)              | contin   | numeric |          |
| V42 | herf        | Herfindahl index of intermediate use (Cowan and Neut) | contin   | numeric |          |
| V43 | intout      | Intermediate use/Output (Cowan and Neut)              | contin   | numeric |          |
| V44 | contcrisis  | Contagious crisis dummy                               | discrete | numeric |          |



## Reporter (exporter)

File: FinalDataset

### Overview

|                   |                    |
|-------------------|--------------------|
| Type: Discrete    | Valid cases: 39588 |
| Format: character | Invalid: 0         |
| Width: 3          |                    |

## Year (year)

File: FinalDataset

### Overview

|                  |                    |
|------------------|--------------------|
| Type: Discrete   | Valid cases: 39588 |
| Format: numeric  | Invalid: 0         |
| Width: 4         | Minimum: 1980      |
| Decimals: 0      | Maximum: 2006      |
| Range: 1980-2006 |                    |

## Product (product)

File: FinalDataset

### Overview

|                  |                    |
|------------------|--------------------|
| Type: Discrete   | Valid cases: 39588 |
| Format: numeric  | Invalid: 0         |
| Width: 4         | Minimum: 3111      |
| Decimals: 0      | Maximum: 3909      |
| Range: 3111-3909 |                    |

## Total value of exports(thousands USD) (tradevalue)

File: FinalDataset

### Overview

|                           |                               |
|---------------------------|-------------------------------|
| Type: Continuous          | Valid cases: 39588            |
| Format: numeric           | Invalid: 0                    |
| Width: 16                 | Minimum: 1                    |
| Decimals: 0               | Maximum: 136029777.6          |
| Range: 1-136029777.555272 | Mean: 840004.6                |
|                           | Standard deviation: 4286242.2 |

## Share of the industry in total exports in t-3 (tradeshare)

File: FinalDataset

### Overview

|   |                       |
|---|-----------------------|
| Type: Continuous                              | Valid cases: 35472    |
| Format: numeric                               | Invalid: 4116         |
| Width: 20                                     | Minimum: 0            |
| Decimals: 0                                   | Maximum: 1            |
| Range: 4.28092450377449e-09-0.952100098133087 | Mean: 0               |
|   | Standard deviation: 0 |

### Description

The trade share is the share of industry exports in total exports lagged three periods.

## Export growth rate (log difference) (expgrowth)

File: FinalDataset

### Overview

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: -8.56560516357422-8.63062572479248

Valid cases: 37596  
 Invalid: 1992  
 Minimum: -8.6  
 Maximum: 8.6  
 Mean: 0.1  
 Standard deviation: 0.8

## Trimmed growth rate (5% at each tail) (expgrowthTRIM)

File: FinalDataset

### Overview

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: -1.5270414352417-1.52336502075195

Valid cases: 33862  
 Invalid: 5726  
 Minimum: -1.5  
 Maximum: 1.5  
 Mean: 0.1  
 Standard deviation: 0.3

## Banking crisis dummy (BANK)

File: FinalDataset

### Overview

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

Valid cases: 39480  
 Invalid: 108

### Description

The crisis dummy equals to one in the year of the crisis and in the first and second year after the crisis and is zero otherwise.

## Banking crisis - 3 year window (BANK\_W3)

File: FinalDataset

### Overview

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

Valid cases: 39588  
 Invalid: 0

## Twin crisis (TWIN)

File: FinalDataset

### Overview

## Twin crisis (TWIN)

### File: FinalDataset

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

Valid cases: 37843  
 Invalid: 1745

#### Description

Twin crises is when a currency crisis occurred jointly with the banking crisis.

## External finance dependence (Rajan, Zingales 1998) (RZ)

### File: FinalDataset

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: -0.449999988079071-1.49000000953674

Valid cases: 38111  
 Invalid: 1477  
 Minimum: -0.5  
 Maximum: 1.5  
 Mean: 0.3  
 Standard deviation: 0.3

#### Description

RZ is the measure of external dependence. The measure of external finance dependence is based on data of listed US companies provided in Compustat and obtained from Rajan and Zingales (1998). They compute the proxy as a fraction of capital expenditures that an industry is not able to finance with internal funds. To construct it they first compute the median of all firms in each sector and year and then they average the sectoral measures over the entire period of 1980-89.

## Dependence on trade credit (Fisman, Love 2003) (FL)

### File: FinalDataset

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: 0.0549999997019768-0.149000003933907

Valid cases: 38111  
 Invalid: 1477  
 Minimum: 0.1  
 Maximum: 0.1  
 Mean: 0.1  
 Standard deviation: 0

#### Description

FL is a measure of dependence on trade credit. The measure of trade credit dependence is obtained from Fisman and Love (2003) who define it as the ratio of accounts payable in total assets. Similarly to Rajan and Zingales (1998) they base their measure on US data from Compustat.

## Tangibility (Kroszner, Laeven, Klingebiel 2007) (TANG)

### File: FinalDataset

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.119999997317791-0.620000004768372

Valid cases: 38111  
 Invalid: 1477  
 Minimum: 0.1  
 Maximum: 0.6  
 Mean: 0.3  
 Standard deviation: 0.1

#### Description

TANG is defined as tangibility. The tangibility obtained from Kroszner, Laeven, and Klingebiel (2007) measure uses the same procedure and data and is defined as the ratio of the book values of property, plant and equipment in total assets.

## OTHER FINANCIAL INSTITUTIONS ASSETS / GDP (ofagdp)

File: FinalDataset

### Overview

|  |                         |
|--|-------------------------|
| Type: Continuous                             | Valid cases: 15857      |
| Format: numeric                              | Invalid: 23731          |
| Width: 20                                    | Minimum: 0              |
| Decimals: 0                                  | Maximum: 1.6            |
| Range: 3.98999982280657e-05-1.55743503570557 | Mean: 0.3               |
|  | Standard deviation: 0.4 |

## PRIVATE CREDIT BY DEPOSIT MONEY BANKS AND OTHER FINANCIAL INSTITUTIONS / GDP (pcrdbofgdp)

File: FinalDataset

### Overview

|  |                         |
|--|-------------------------|
| Type: Continuous                           | Valid cases: 37844      |
| Format: numeric                            | Invalid: 1744           |
| Width: 18                                  | Minimum: 0              |
| Decimals: 0                                | Maximum: 2              |
| Range: 0.0447236001491547-2.00610899925232 | Mean: 0.6               |
|  | Standard deviation: 0.4 |

### Description

Financial development is computed as private credit in GDP.

### Source of information

It is taken from Beck, Demirguc-Kunt (2009).

## STOCK MARKET CAPITALIZATION / GDP (stmktcap)

File: FinalDataset

### Overview

|  |                         |
|--|-------------------------|
| Type: Continuous                             | Valid cases: 31141      |
| Format: numeric                              | Invalid: 8447           |
| Width: 20                                    | Minimum: 0              |
| Decimals: 0                                  | Maximum: 2.8            |
| Range: 0.000635300006251782-2.82433700561523 | Mean: 0.4               |
|  | Standard deviation: 0.5 |

## Trade weighted recession abroad (RecessionAbroad)

File: FinalDataset

### Overview

|                  |                         |
|------------------|-------------------------|
| Type: Continuous | Valid cases: 39588      |
| Format: numeric  | Invalid: 0              |
| Width: 1         | Minimum: 0              |
| Decimals: 0      | Maximum: 1              |
| Range: 0-1       | Mean: 0.1               |
|                  | Standard deviation: 0.2 |

## Trade weighted GDP growth abroad (GDPgrAbroad)

File: FinalDataset

## Trade weighted GDP growth abroad (GDPgrAbroad)

File: FinalDataset

### Overview

|   |                         |
|---|-------------------------|
| Type: Continuous                          | Valid cases: 39588      |
| Format: numeric                           | Invalid: 0              |
| Width: 17                                 | Minimum: -30.1          |
| Decimals: 0                               | Maximum: 37.4           |
| Range: -30.0777130126953-37.4234199523926 | Mean: 2.5               |
|   | Standard deviation: 2.2 |

## 1 if durable, 0 otherwise (durables)

File: FinalDataset

### Overview

|                 |                    |
|-----------------|--------------------|
| Type: Discrete  | Valid cases: 39588 |
| Format: numeric | Invalid: 0         |
| Width: 1        |                    |
| Decimals: 0     |                    |
| Range: 0-1      |                    |

## GDP loss during crisis (linear trend) (loss)

File: FinalDataset

### Overview

|  |                         |
|--|-------------------------|
| Type: Continuous                           | Valid cases: 39588      |
| Format: numeric                            | Invalid: 0              |
| Width: 17                                  | Minimum: -0.2           |
| Decimals: 0                                | Maximum: 0.7            |
| Range: -0.21107779443264-0.673554539680481 | Mean: 0                 |
|  | Standard deviation: 0.1 |

### Description

The loss is defined as the deviation of the predicted GDP from actual GDP over actual GDP. Either linear or quadratic trend is used for prediction.

## GDP loss during crisis (quadratic trend) (loss2)

File: FinalDataset

### Overview

|  |                       |
|--|-----------------------|
| Type: Continuous                           | Valid cases: 39588    |
| Format: numeric                            | Invalid: 0            |
| Width: 18                                  | Minimum: -0.3         |
| Decimals: 0                                | Maximum: 0.2          |
| Range: -0.257914334535599-0.21690160036087 | Mean: 0               |
|  | Standard deviation: 0 |

### Description

The loss is defined as the deviation of the predicted GDP from actual GDP over actual GDP. Either linear or quadratic trend is used for prediction.

## Real GDP per capita (USD) (GDPcap)

File: FinalDataset

## Real GDP per capita (USD) (GDPcap)

File: FinalDataset

### Overview

|                                 |                             |
|---------------------------------|-----------------------------|
| Type: Continuous                | Valid cases: 39588          |
| Format: numeric                 | Invalid: 0                  |
| Width: 12                       | Minimum: 142.8              |
| Decimals: 0                     | Maximum: 41440.8            |
| Range: 142.8467538-41440.828125 | Mean: 10456.8               |
|                                 | Standard deviation: 11728.6 |

## Dummy=1 if developed, 0 otherwise (developed)

File: FinalDataset

### Overview

|                 |                    |
|-----------------|--------------------|
| Type: Discrete  | Valid cases: 39588 |
| Format: numeric | Invalid: 0         |
| Width: 1        |                    |
| Decimals: 0     |                    |
| Range: 0-1      |                    |

## (mean) developing (developing)

File: FinalDataset

### Overview

|                 |                    |
|-----------------|--------------------|
| Type: Discrete  | Valid cases: 39588 |
| Format: numeric | Invalid: 0         |
| Width: 1        |                    |
| Decimals: 0     |                    |
| Range: 0-1      |                    |

## Blanket guarantee (blanguar)

File: FinalDataset

### Overview

|                 |                    |
|-----------------|--------------------|
| Type: Discrete  | Valid cases: 24735 |
| Format: numeric | Invalid: 14853     |
| Width: 1        |                    |
| Decimals: 0     |                    |
| Range: 0-1      |                    |

## Liquidity support (liqsup)

File: FinalDataset

### Overview

|                 |                    |
|-----------------|--------------------|
| Type: Discrete  | Valid cases: 24735 |
| Format: numeric | Invalid: 14853     |
| Width: 1        |                    |
| Decimals: 0     |                    |
| Range: 0-1      |                    |

## Forbearance A (forba)

File: FinalDataset

### Overview

|                 |                    |
|-----------------|--------------------|
| Type: Discrete  | Valid cases: 24735 |
| Format: numeric | Invalid: 14853     |
| Width: 1        |                    |
| Decimals: 0     |                    |
| Range: 0-1      |                    |

### Description

Forbearance of type A allows insolvent or illiquid banks to operate for 12 months.

## Forbearance B (forbb)

File: FinalDataset

### Overview

|                 |                    |
|-----------------|--------------------|
| Type: Discrete  | Valid cases: 24735 |
| Format: numeric | Invalid: 14853     |
| Width: 1        |                    |
| Decimals: 0     |                    |
| Range: 0-1      |                    |

### Description

Forbearance of type B means that either there is type A forbearance or some regulations are not enforced.

## Recapitalizations (recaps)

File: FinalDataset

### Overview

|                 |                    |
|-----------------|--------------------|
| Type: Discrete  | Valid cases: 24735 |
| Format: numeric | Invalid: 14853     |
| Width: 1        |                    |
| Decimals: 0     |                    |
| Range: 0-1      |                    |

### Description

The measure captures repeated recapitalizations as zero-one dummies.

## Debt relief (debtrelief)

File: FinalDataset

### Overview

|                 |                    |
|-----------------|--------------------|
| Type: Discrete  | Valid cases: 24735 |
| Format: numeric | Invalid: 14853     |
| Width: 1        |                    |
| Decimals: 0     |                    |
| Range: 0-1      |                    |

### Description

The measure captures government sponsored debt relief for corporate or private borrowers as zero-one dummies.

## Policy total (policytot)

File: FinalDataset

## Policy total (policytot)

File: FinalDataset

### Overview

|                 |                    |
|-----------------|--------------------|
| Type: Discrete  | Valid cases: 24735 |
| Format: numeric | Invalid: 14853     |
| Width: 1        |                    |
| Decimals: 0     |                    |
| Range: 0-5      |                    |

### Description

The policy total variable adds the dummies and gives the number of policies that have been implemented during each crisis

## Recession at home dummy (recession)

File: FinalDataset

### Overview

|                 |                    |
|-----------------|--------------------|
| Type: Discrete  | Valid cases: 39588 |
| Format: numeric | Invalid: 0         |
| Width: 1        |                    |
| Decimals: 0     |                    |
| Range: 0-1      |                    |

### Source of information

The recession dummy is based on Braun, Larrain (2005).

## Real gdp growth % (GDPgr)

File: FinalDataset

### Overview

|                                |                         |
|--------------------------------|-------------------------|
| Type: Continuous               | Valid cases: 39588      |
| Format: numeric                | Invalid: 0              |
| Width: 12                      | Minimum: -13.5          |
| Decimals: 0                    | Maximum: 18.7           |
| Range: -13.45211411-18.6648407 | Mean: 3.4               |
|                                | Standard deviation: 3.5 |

### Source of information

GDP growth is taken from WDI.

## Inventories/sales (INVSA)

File: FinalDataset

### Overview

|   |                         |
|---|-------------------------|
| Type: Continuous                            | Valid cases: 38258      |
| Format: numeric                             | Invalid: 1330           |
| Width: 18                                   | Minimum: 0.1            |
| Decimals: 0                                 | Maximum: 0.4            |
| Range: 0.0525526218116283-0.406792819499969 | Mean: 0.2               |
|   | Standard deviation: 0.1 |

### Description

INVSA is from Raddatz (2006). It is defined as inventories to sales and is meant to capture short term financial needs intended to cover mainly the working capital.

## Cash conversion cycle (CCC)

File: FinalDataset

### Overview

|   |                         |
|---|-------------------------|
| Type: Continuous                          | Valid cases: 38258      |
| Format: numeric                           | Invalid: 1330           |
| Width: 17                                 | Minimum: 0.2            |
| Decimals: 0                               | Maximum: 2              |
| Range: 0.189755097031593-1.99012053012848 | Mean: 1                 |
|   | Standard deviation: 0.4 |

### Description

CCC is from Raddatz (2006). It is defined as cash conversion cycle and is meant to capture short term nancial needs intended to cover mainly the working capital.

## External finance dependence, young firms (RZyoung)

File: FinalDataset

### Overview

|   |                         |
|---|-------------------------|
| Type: Continuous                          | Valid cases: 37081      |
| Format: numeric                           | Invalid: 2507           |
| Width: 17                                 | Minimum: -1.5           |
| Decimals: 0                               | Maximum: 2.1            |
| Range: -1.52999997138977-2.05999994277954 | Mean: 0.7               |
|   | Standard deviation: 0.6 |

### Description

RZ young is a measure of external dependence based on Rajan, Zingales (1998) calculated as fraction of capital expenditures not funded by internal funds computed for firms listed for less than 10 years.

## Ext. fin. dep. non-crisis countries (rznoncrisis)

File: FinalDataset

### Overview

|                               |                         |
|-------------------------------|-------------------------|
| Type: Continuous              | Valid cases: 38111      |
| Format: numeric               | Invalid: 1477           |
| Width: 16                     | Minimum: -0.3           |
| Decimals: 0                   | Maximum: 1.6            |
| Range: -0.25-1.54999995231628 | Mean: 0.1               |
|                               | Standard deviation: 0.3 |

### Description

RZ non crisis is based on Kroszner, Laeven, and Klingebiel (2007) who compute the same measure based only on data of countries that have never experienced a financial crisis.

## Capital/labor (caplab)

File: FinalDataset

### Overview

|  |                          |
|--|--------------------------|
| Type: Continuous                         | Valid cases: 38111       |
| Format: numeric                          | Invalid: 1477            |
| Width: 16                                | Minimum: 7.1             |
| Decimals: 0                              | Maximum: 244.7           |
| Range: 7.11999988555908-244.649993896484 | Mean: 29.6               |
|  | Standard deviation: 30.7 |

### Source of information

Capital is from Kroszner, Laeven, and Klingebiel (2007).

## R&D intensity (rd)

File: FinalDataset

### Overview

|                            |                         |
|----------------------------|-------------------------|
| Type: Continuous           | Valid cases: 38111      |
| Format: numeric            | Invalid: 1477           |
| Width: 17                  | Minimum: 0              |
| Decimals: 0                | Maximum: 0.6            |
| Range: 0-0.579999983310699 | Mean: 0                 |
|                            | Standard deviation: 0.1 |

### Source of information

R&D intensity is from Kroszner, Laeven, and Klingebiel (2007).

## Product homogeneity (homogeneity)

File: FinalDataset

### Overview

|                 |                    |
|-----------------|--------------------|
| Type: Discrete  | Valid cases: 30351 |
| Format: numeric | Invalid: 9237      |
| Width: 1        |                    |
| Decimals: 0     |                    |
| Range: 0-1      |                    |

### Source of information

The product homogeneity is based on the Rauch (1999) classification of industries.

## Number of intermediates (Cowan and Neut) (n)

File: FinalDataset

### Overview

|   |                         |
|---|-------------------------|
| Type: Continuous                          | Valid cases: 37268      |
| Format: numeric                           | Invalid: 2320           |
| Width: 17                                 | Minimum: 0.4            |
| Decimals: 0                               | Maximum: 1.7            |
| Range: 0.402999997138977-1.72899997234344 | Mean: 1.1               |
|   | Standard deviation: 0.3 |

### Universe

The share of 20 largest intermediates together with Herfindahl index is capturing the complexity of a product.

### Source of information

It is taken from the work of Cowan and Neut (2007).

## Herfindahl index of intermediate use (Cowan and Neut) (herf)

File: FinalDataset

### Overview

|   |                         |
|---|-------------------------|
| Type: Continuous                          | Valid cases: 37268      |
| Format: numeric                           | Invalid: 2320           |
| Width: 17                                 | Minimum: 0.4            |
| Decimals: 0                               | Maximum: 4.2            |
| Range: 0.351999998092651-4.15999984741211 | Mean: 0.8               |
|   | Standard deviation: 0.6 |

### Universe

The Herfindahl index together with n is capturing the complexity of a product.

### Source of information

## Herfindahl index of intermediate use (Cowan and Neut) (herf)

File: FinalDataset

It is taken from the work of Cowan and Neut (2007).

## Intermediate use/Output (Cowan and Neut) (intout)

File: FinalDataset

### Overview

Type: Continuous  
Format: numeric  
Width: 17  
Decimals: 0  
Range: 0.611000001430511-1.50300002098083

Valid cases: 37268  
Invalid: 2320  
Minimum: 0.6  
Maximum: 1.5  
Mean: 1  
Standard deviation: 0.2

## Contagious crisis dummy (contcrisis)

File: FinalDataset

### Overview

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

Valid cases: 39588  
Invalid: 0

## Related Materials

### Reports

#### Summmary Note

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Title Summary Note  
 Filename Summmary\_note.pdf

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#### Banking Crises and Exports

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Title Banking Crises and Exports  
 Author(s) Leonardo Iacovone Veronika Zavacka  
 Date 2009-08-01

Description For the first time since 1982, in 2009, global trade flows will not grow. According to the latest IMF projections global trade in goods and services is expected to drop by 11% during 2009 and to stagnate in year 2010. The recent collapse in exports following the unfolding of the financial crisis has generated new pressing questions about the relationship between banking crises and exports growth. Are the supply shocks due to the collapse in the banking system responsible for the falls in exports? Or is what we observe completely attributable to the demand side where we have also observed unprecedented drops particularly in developed countries? In Iacovone and Zavacka (2009) we explore these questions using data, below, from 23 past banking crises episodes involving both developed and developing countries during 1980-2000. Our results, summarized below, show that during a crisis the export growth of a sector with a relatively high reliance on external finance, such as electric machinery, is reduced on average by 4 percentage points compared to a sector like footwear whose dependence is relatively low. We also find that exports of industries that tend to have more tangible assets grow relatively faster during a banking crisis confirming the hypothesis about the importance of collateral in a context when access to finance becomes scarcer. Finally, using a proxy for trade credit dependence (Fisman and Love, 2003) we show that exports of industries relatively more reliant on inter-firm finance are not affected by a banking crisis more than others. A potential explanation for this finding is that if importers do not face a crisis themselves they might be willing to accept less favorable payment conditions and extend trade credit to their suppliers in order to allow them to overcome their temporary credit constraints.

Filename <http://go.worldbank.org/B1L5M0UNR0>

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