DataBase Documentation

Kinif Pierrick

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This document give you an overview of my data base.\

```r
rm(list=ls()) #Removes all items in Environment!
if (!require("utils")) install.packages("utils")
if (!require("dplyr")) install.packages("dplyr")
if (!require("plm")) install.packages("plm")

library(plm)
library(utils)
library(dplyr)


# The excel file contains several sheets with all my data
# The csv file contains only variables of my model. Hence I dowload my DB with read.csv2
DB_Roa<-data.frame(read.csv2("DataBase_010418.csv", sep = ";",stringsAsFactors=FALSE, header = TRUE ))
write.csv2(DB_Roa, file = "DB_Roa.csv")
## This DB will be used for analysis with my dependent variable = ROA

# From DB I select only row where TobinsQ <> zero . This database will be used when my dependent vairab

DB_Tobin <- filter(DB_Roa, !is.na(TobinsQ))
write.csv2(DB_Tobin, file = "DB_Tobin.csv")
```

\

The table 1 contains a sample of my data base.\

% Table created by stargazer v.5.2 by Marek Hlavac, Harvard University. E-mail: hlavac at fas.harvard.edu
% Date and time: mar., avr. 03, 2018 - 13:46:44

Table 1: Sample selection of the data base

	Companies	YearFinancialIndicator	Industry	Asset
1-2013	1	2013	5	$10,686,000,000$
1-2014	1	2014	5	$10,831,000,000$
1-2015	1	2015	5	$7,479,000,000$
2-2013	2	2013	6	$42,278,000,000$
2-2014	2	2014	6	$43,771,000,000$
2-2015	2	2015	6	$48,415,000,000$
3-2013	3	2013	1	$5,564,774,000$
3-2014	3	2014	1	$7,997,737,000$
3-2015	3	2015	1	$8,181,536,000$
4-2013	4	2013	7	$225,184,000,000$

\ Function *pdim()* extracts the dimensions of the panel data://

```r
library(plm)
pdim(DB_Roa)
```

```
## Unbalanced Panel: n = 399, T = 1-3, N = 1192
```
```
pdim(DB_Tobin)
```

```
## Unbalanced Panel: n = 360, T = 1-3, N = 1060
```

In both case the panel data is unbalanced.