



Survey on cross-border transactions in services by non-financial and insurance firms (Direct Reporting)

R Examples



Examples of data use: R platform ¹

To obtain the results of calculations more rapidly, you should limit the number of variables included in the datasets used. Please note that permanent datasets cannot be stored.

The R commands are written in lower-case: please note that this language is case-sensitive.

Example

We estimate, for 2013, a linear model in which import/export is the dependent variable and the covariates are macro-area of residence and number of employees.

```
mydata <- read.csv("dr_ttn.csv", header = TRUE)
```

```
newdata <- subset(mydata, ANNO = 2013, select = c(IMPORTO, AREA_GEO, CLA_ADDETTI))
```

```
newdata <- dummy_cols(newdata, select_columns = "AREA_GEO")
```

```
newdata <- dummy_cols(newdata, select_columns = "CLA_ADDETTI")
```

```
mod <- lm(IMPORTO ~ CLA_ADDETTI2 + CLA_ADDETTI7 + AREA_GEO2 + AREA_GEO4)
```

¹ R is an open-source package for the statistical analysis of data. For further information please visit <http://cran.r-project.org/>.