

Brief instruction on controlled remote execution (CRE) at the RDSC

1 Eligibility conditions for use of controlled remote execution (CRE)

If, in connection with this or previous research projects, the data user is able to demonstrate sufficient experience concerning the use of the requested Bundesbank micro data, the data user may be granted access via CRE.

2 Available data sets for CRE

A current list of data sets that allow access via CRE can be retrieved from our homepage (www.bundesbank.de/fdsz).

3 Analytical software

At present, STATA (current version: 16) is available for analysis when using CRE.

4 Prototype data set and code

The RDSC publishes data structure files that structurally resemble the original data but contain no real values on its homepage. The data structure files help data users write program codes in STATA format.

Additionally, the researcher is provided with a prototype code. The researcher is asked to follow the structure of the prototype code as it facilitates the comprehension by the RDSC staff. It is divided into four parts:

1. A master programme code where path structures and globals are defined (0_master_cre.do). Furthermore, all inferior programme code is invoked by the master programme code.
2. An exemplary programme code for data preparation (1_data_preparation.do).
3. An exemplary programme code for descriptive analysis of the data set (2_descriptive_analysis.do).
4. An exemplary programme code for regression analysis of the data set (3_regressions.do).

Please note that using the master programme code is obligatory. The other prototype codes are exemplary and may be altered.

5 Analysis process of access via CRE

After writing the programme code, the researcher is obliged to test his code on the prototype data set that he/she is provided with. Only until the programme code is executing successfully, it may be transmitted to the RDSC via e-mail (fdsz-data@bundesbank.de) with the project number in the subject line.

In the RDSC, this code is archived, adjusted to the technical environment and executed. If the programme code fails to execute successfully, the error code is copied into an E-mail and returned to the researcher without further comment. This process continues until successful execution is accomplished.

6 Output checking

After the programme code is successfully executed and has generated analytical results, these results are checked by the RDSC staff for statistical confidentiality. If the generated output does not fulfil the conditions defined in the contract signed by the researcher, the programme code will be returned to the researcher and he/she will be asked to amend his programme code.

The rules for output checking can be retrieved from the aforementioned contract. The researcher is obliged to minimize the effort the RDSC staff has to check the generated output. If the output exceeds a meaningful volume, the programme code will be returned to the researcher and he/she will be asked to amend his programme code.

Only after the generated results pass the conditions and criteria defined in the contract, they will be returned to the researcher for further usage.

7 Publication control

If the generated results are used to release an article, a book contribution or an essay in a scientific journal, this publication must also be checked by the RDSC staff. The duration of the check of the intended publication will last five days at most. Every amendment that the RDSC demands from the researcher renews the duration of the check.

8 Citation requirement

Please note that every diagram and/or table should be referenced using the following standard template.

Source: Research Data and Service Centre (RDSC) of the Deutsche Bundesbank, <name of the micro dataset used from the standard RDSC list (where appropriate with the common abbreviation)>, <period during which the micro-data were collected>, own calculations.

Example: Research Data and Service Centre (RDSC) of the Deutsche Bundesbank, Microdatabase Direct investment (MiDi), 1999-2012, own calculations.

Following publication, an electronic sample copy and, if available, a reference should be sent to the RDSC at no cost; copies may be sent by e-mail.