

SRQM: Programs

This folder contains the `srqm` utilities to set up a computer for this course. Each command produces moderately verbose output that is sent to a log to help new users report issues.

The commands rely on the architecture of the `SRQM` folder, a.k.a the 'Teaching Pack', which contains all the course material. All commands should be run with this folder set as the working directory.

The folder also contains the `tsst` command to export summary statistics tables as tab-separated values, in order to assist students in completing one of the first steps of their research project.

`srqm setup`

Performs a full-fledged installation by running all `setup` subcommands sequentially. The command should be run on the first week of class and requires Internet access.

`srqm setup folder`

Tries to permanently point Stata to the `SRQM` folder by inserting its path into a `profile.do` file located in its application folder.

`srqm setup options`

Tries to permanently set up a few options like screen breaks and scrollbar buffer size in Stata, including memory on software versions older than Stata 12.

`srqm setup packages`

Installs the additional Stata packages and graph schemes by Edwin Leuven used in the course do-files. Requires Internet access to execute properly. Usually runs in less than XX minutes.

`srqm check`

Produces a report on the current setup. The `check` subcommands achieve additional tasks and require to be run separately.

`srqm check folder`

Checks whether the folder path created by the `srqm setup folder` subcommand effectively leads to the current location of the `SRQM` folder.

`srqm check routine`

Runs the whole course (weekly sessions and draft assignments) as a single sequence to test the executability of the course code. Usually runs in less than ten minutes.

`srqm check setup`

Produces a highly verbose report of the current setup. Used for testing purposes.

`srqm clean`

Cleans up the `SRQM` folder by erasing temporary workfiles produced by the course do-files. The workfiles consist of logs and folders with the `-files` suffix.

`srqm clean packages`

Uninstalls course packages. Used for testing purposes.

`srqm clean folder`

Unlinks Stata from the `SRQM` folder by erasing the `profile.do` file that is installed in the application folder as part of the setup for the course. Used at the end of the semester.

tsst

Produces a simple table of summary statistics as required for the course research project. The code draws on [a tutorial by Ben Jann](#).

The command means ‘tabbed summary statistics table’ because it produces tab-separated values in plain text format, for maximum compatibility with text and spreadsheet editors.

Syntax

```
tsst using stats.txt [weight], su(v1 v2) fr(v3 v4) [f(1) replace verbose]
```

The `su` option is meant produces five-number summaries out of continuous variables. The `fr` option produces frequencies out of categorical variables. Both results are combined in a single table.

Weights

The `tsst` survey command accepts analytical, frequency and probability weights `[aw, fw, pw]`. It does not, however, support the `svy` survey prefix command.

Options

- The command returns a default precision of one decimal that can be changed by specifying a different number `n` with the `f(n)` option.
- The command will overwrite the file to which it exports its results if the `replace` option is specified. Note that there is no `append` option.
- For testing purposes, it is possible to view the plain text result of the command in the Stata Results window by specifying the `verbose` option.

Help

- Type `tsst` to view a quick syntax sheet.
- Type `tsst using options` for a list of options.
- Type `tsst using example` for a working example.