

Using Stata13-SE in Batch mode on Grace

If you have a task which doesn't require the use of multiple cores then using Stata-SE is the correct choice.

It is possible to automate the running of your task, by means of submitting a job via batch mode. Please note that, simple tasks like: opening the file and reading data need to be included in your do file.

This can be done by:

- Create or upload your DO file to the cluster (Example below)

DO file Example

```
infile v1 using /gpfs/med/yny12fgu/test.txt
gen VAriable2=(v1==7)
outsheet using /gpfs/med/yny12fgu/TestClusterout.raw
```

- Create a job submission script (bsub file) (Example shown below)

Job submission Script Example

```
#!/bin/sh
#BSUB -q short
#BSUB -J TestDoFile.do
#BSUB -B
. /etc/profile
module add stata/13
stata-se -b do TestDoFile.do
```

Note

It is not a good idea to create your job submission scripts on a Windows system. This is due to Windows files having different formatting. Thus you should create the submission script (bsub) file on a Linux system or directly on Grace. Details on how to use a Text editor on Grace can be found from the following [link](#).

Once you have created your submission script, it can be submitted to the cluster for execution by:

- From the terminal type “bsub < JobScriptName.bsub”
- You should receive a message indicating you're your script has been submitted