

Using Stata 14-SE in Batch mode on HPC

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/bash  
#BSUB -q short-eth  
#BSUB -J TestDoFile.do  
#BSUB -B  
./etc/profile  
Module add stata/14  
stata-se -b do TestDoFile.do
```

Note

It is good practice to create your job submission script in the Linux environment (using a tool such as vim or nano). If you create your scripts in a Windows environment it is a good idea to use a utility such as dos2unix on the file. This will remove the Windows formatting.