



Server Intro Session

Exercise

This is a standforward exercise to allow you to get first hand experience using the servers, If you would rather replace the script here with a different script or a different task this is completely fine. We are simply trying to give you an opportunity to ask questions aboutt he use of the server.

Task

Please run the Python/R (choose your language) script on one of the servers. You can run this in any of the ways that we have demonstrated to you in this session. If you get stuck feel free to ask questions of the PhD students and staff in the room.

The exercise has been designed so that you need to:

- Transfer code onto the server
- (Potentially) Install/update libraries on the cluster
- Run a small amount of code
- Transfer the code off the server.

The code to run can be found in this directory (with a little help with ChatGPT).

Your workflow should be as follows:

1. Connect to the VPN to gain access to the internal network
2. Transfer the files to the server using scp from the commandline or a GUI application e.g.filevila or winscp.
3. Select a Euclid to run the code on.
4. Setup a basic R/Python environment to run the code
5. Run the code using one of the methods shown by our PhD students
6. Transfer the results from the server back to your laptop.

Do not worry if you cannot finish this during the session, but if you think you will need to use the server, please try in your time, and ask either one of the PhD student who presented or me for help in running things.

Python Users

For those wishing to use Python rather than R, if you are doing this live in the session it fmight be easier to use the system Python (just to avoid setup times for anaconda. However in general we would recommend using an anaconda installation.