Aimless

```
>setccp4
>ccp4i
```

Create a project in the /ccp4 subfolder

Run Aimless

- If XDS was used before, choose the *Option to skip scaling & just merge* to prevent scaling a second time
- If there are several datasets/scans for the same crystal scale and merge all sets in Aimless
- If necessary choose *Customise symmetry determination>Choose a previous solution* to force the spacegroup
- If necessary choose *Ensure unique data & add FreeR column...>Copy FreeR from another MTZ* to import the FreeR flags from a reference MTZ file
- Specify the *Project*, *Crystal* and *Dataset* names
- Change the output name to **drop_scaled1.mtz**
- Make a second run in which you specify the high-resolution cut with *Exclude data resolution [...] greater than [ ] Angstroms* and name the output file **drop_res_scaled1.mtz**

Run Sftools

- Use sftools to *delete columns* and remove the 13 unnecessary columns and name the output file **drop_res_scaled1_6col.mtz**
- Use sftools to *delete reflections* and *Delete selected reflections:* where *Selection includes reflections with data missing in specificed column (F_drop)* and name the output file **drop_res_scaled1_6col_cleaned.mtz**