These codes are in To\_h5 folder

All can be run in local or remote except otherwise stated

Run ToCsv\_Allfiles.py to convert all flamelets to csv format

Now run ZBilg\_and\_RemoveCols.py to replace Z with ZBilger and remove unwanted cols

Now, we will have Final\_flamelets. Now, this needs to be preprocessed for favre average integration. This will be dependent on whether its 3D(delta for flamelet parameter) or 4D(beta for flamelet parameter)

Run deltafave.py or betafavre.py for that

This will create a folder Delta\_flamelets or Beta\_flamelets

Now the remaining step is integration. This needs to be done in Shaheen!

Run favredeltaFPV\_Parallel.py via pydelta.sh or favreExp\_betaFPV\_Parallel.py via pybeta.sh. At completion, this will create flameletTable.h5 file.

Put it in constant folder of the case and run flameletTableH5ToFoam.