

This gives a description of all the files in this directory

- `fortdatw.raw` is the raw data (computed in data section)
- `Makefile` is the makefile to compile code

The rest of the files are fortran code to be run using `mpifortran` (we ran it using 80 processors). We start with the main code to run the programs

- `modse.f90`-this is the primary code that runs the auxiliary model and produces the auxiliary parameters and variance covariance of these that are used to construct standard errors later
- `ggg.f90` constructs a module that defines the global data

The rest of the programs are for standard calculations not special to this program

- `outer.f90` calculates outer products in various ways
- `matrix_inverse.f90` inverts a matrix and uses `m33inv.f90`