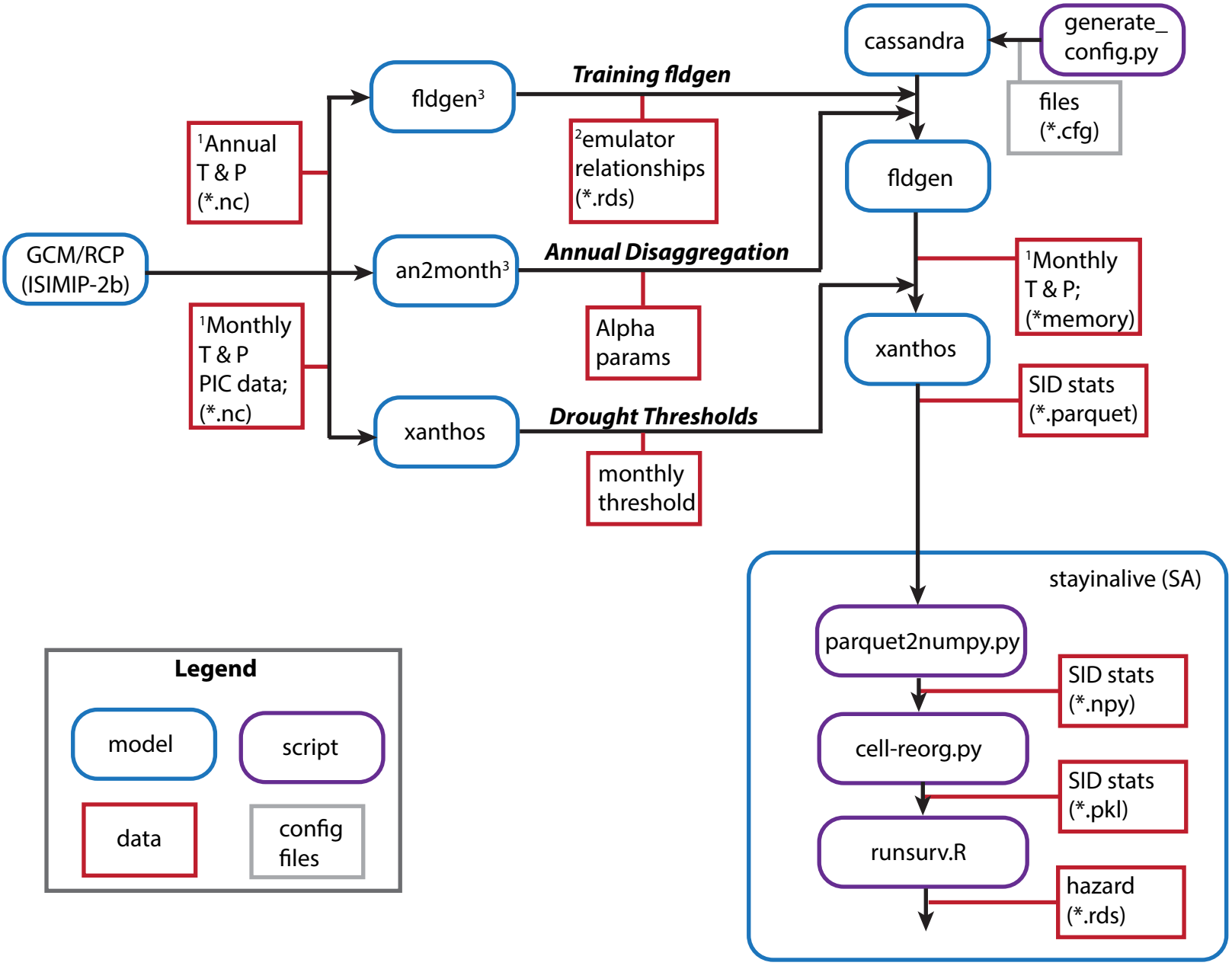
Schematic of Drought Hazard Analysis Pipeline



[1] Location: pic/projects/GCAM/isimip_inputs_2b/monthly
[2] Location: fldgen_io/output/fldgen_gcm.rds
[3] fldgen generates emulator relationships for each GCM/grid cell using annual GCM data;
an2month derives the dirichlet distribution (alpha) parameters required for annual-to-monthly disaggregation for each grid cell/GCM, which are used to disaggregate annual stochastic fldgen output before being fed into each monthly time-step xanthos simulation.