Simulation initialization

Get case arguments given scenario ID
`get_caseval()`

Validate input models, copy folders, and rename files; copy bias-adjusted .ctl file if needed
`verify_input(), copy_ss3models()`

Operating model

Specify recruitment deviations
`change_recdevs()`

Specify fishing-mortality trajectory in .par file
`change_f()`

Specify (possibly) time-varying parameters (e.g. natural mortality, growth, maturity, fecundity, selectivity) in .par file
`change_tv()`

Run the operating model
`run_ss3model()`

Survey and composition sampling

Sample fleet data with observation error and write to the estimation model .dat file — can include fishery-dependent and -independent abundance index, age-composition data, and length-composition data
`change_index(), change_agecomp(), change_lcomp()`

Manipulate the starter file for retrospective analysis
`change_retro()`

Estimation model

Manipulate estimation model; add forecasting if needed
`change_e()`

Run the estimation model
`run_ss3model()`

Calculate bias-adjustment factor if needed
`run_bias_ss3()`

Repeat for scenarios and iterations