Model Performance

```
#' nse
#' Compute NSE between observation and model
#' @param m model estimates
#' @param o observations
#' @return nse
nse = function(m,o) {
err = m-o
meanobs = mean(o)
mse = sum(err*err)
ovar = sum((o-meanobs)*(o-meanobs))
nse = 1.0-mse/ovar
return(nse)
```

Model Performance

```
relerr
#' Compute percent error between observation and model
#' @param m model estimates
#' @param o observations
#' @return relerr
relerr = function(m,o) {
err = m-o
meanobs = mean(o)
meanerr = mean(err)
res = meanerr/meanobs
return(res)
```