Supplement. R and OpenBUGS code and datasets for fitting Bayesian zero-inflated mixed models to counts of sublegal- and legal-sized snapper from a marine reserve monitoring programme

File list
Snapper data.R
Initial values legal.R
Initial values sublegal.R
R script for legal snapper.R
R script for sublegal snapper.R

Description
This Supplement provides code and data for applying Bayesian zero-inflated negative binomial mixed models to counts of sublegal- and legal-sized snapper. Both the analysis and data are provided as R (R Development Core Team 2013) code. The R package R2OpenBUGS (Sturtz et al. 2005) and the OpenBUGS software (Lunn et al. 2009) must be installed for this code to work.

The key files here are the 2 R scripts, as they run the models by calling R2OpenBUGS from within R. The other 3 files contain data that are read by the R scripts.

LITERATURE CITED