## Reapture function Analysis Steps

descriptive

Descriptive

Fits various loglinear models for a closed population: M0, Mt, Mh (Chao, Produces fit statistics concerning the ui, i.e. the numbers of first captures at Produces boxplots of the pearson residuals of the loglinear Produces descriptive statistics for capture-recapture data Poisson2, Darroch), Mth (Chao, Poisson2, Darroch), Mb and Mbh Fits a Mh or Mth model for which the form of the column for heterogeneity in the design matrix is determined by the user Fits a loglinear model given a design matrix mX each capture occasion, for the models in closedp. plot.descriptive closedp.mX closedp.h closedp selection statistics fitting Models Model

closedp.bc

boxplot.closedp

models in closedp.

Abundance estimation

Applies a bias correction to the abundance estimations obtained by the **closedp** function

Computes the multinomial profile likelihood for the adundance of

some closed population capture-recapture models

profileCI