Gauss-Legendre
Midbin

L $size_t$ U

$size_{t+1}$

Basal Area

Forest class (community/plot), list of species

Species

Species class

Species class

init_pop(mesh, SurfEch)

recruit_fun(BATOTSP, BATOTNonSP, mesh, SurfEch)

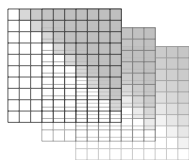**init_pop**(x, species, ...)   **harv_lim** vector   **rdi_coef** vector

disturb_fun(x, species, disturb, ...)   **disturb_coef** vector

IPM class, matrices after integration from fitted models

Growth * Mortality matrices

Dimensions: $m * m * BA$

Names : BA

BA vector   **mesh** vector

climatic vector : named clim variable

int vector : log of integration param

Fit class (function params)

Survival   **Growth**   **Recruitment**

species name and max_dbh

info vector

species name,
correction,
clim_lab, surv,
compress, delay

Class object (list)   **list** object

vector object   **function()**