

a priori defined
limits (by
behavioural state)

(fixed)
Max / Min SST

(vary by individual)
Maximum
movement distance

food abundance
threshold for staying



Behavioural state
(fixed by month, modified
by environment)

x-y location

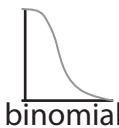
F

MS

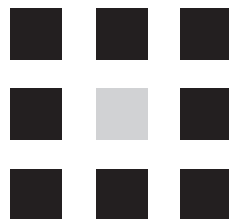
MN

Movement

Y/N?



Distance



Direction

Sense environmental
data in adjacent cells and modify
probability of movement to cells
SST, Plankton abundance, Depth

New Location