

a priori defined limits (by behavioural state)

(fixed)
Max / Min SST

(vary by individual)
Maximum movement distance

food abundance threshold for staying



gaussian

Behavioural state
(fixed by month)

x-y location

F

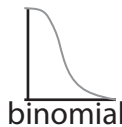
MS

MN

N

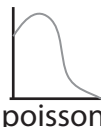
Movement

Y/N?



binomial

Distance



poisson



Direction

Sence environmental data in adjacent cells and modify probaility of movement to cells SST, Plankton abundance, Depth

New Location