n(z,t): size distribution of non-seedlings in *t*

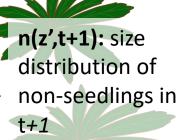


(1- $p_b(z)$): probability of not flowering according to size_t



s(z): probability survival to *t+1* according to size_t

G(z',z) probability of growing to size z' in *t+1* according to size z in *t*



 $P_b(z)$: probability of flowering according to size_t

b(z): number of seeds produced according to size_t

goCont: probability of a seed
produced in t germinating in
t+1; (viab.rt * germ.rt)

 $c_0(z')$: size distribution of seedlings in t+1; approximated by U(0.1,3)

outSB: fraction of seedbank seeds that leave the

seedbank; (germ.rt * decay.rt)

goSB: fraction of seeds that go to the seedbank in t + 1; (viab.rt * (1-germ.rt))

B(t): size of seedbank in *t*

staySB: seeds that stay in the seedbank to *t+1;* (1-germ.rt)*decay.rt

B(t+1): size of seedbank in *t+1*