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



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

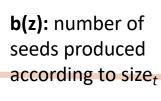


s(z): probability survival to t+1 according to size_t

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

n(z',t+1): size distribution of non-seedlings in t+1

P_b(z): probability of flowering 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*