



A ( $d_{\max}$ )

F i

B ♂  
♀

A: death  
B: sex (if \*)  
C: recombination  
D: mutation  
E: phenotype  
F : birth  
\*  $d^{\♂\text{♀}} < d_{\max} \ \& \ q^{\♂\text{♀}} > q_{\min}$   
(d = physical distance;  
q = genetic similarity)

1	-1	-1	-1	1	1	-1	1	1	-1
-1	1	-1	-1	-1	1	1	-1	1	-1



1	-1	-1	-1	1	1	-1	-1	1	-1
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or

-1	1	-1	-1	-1	1	1	1	1	-1
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1	-1	1	-1	-1	1	-1	-1	1	-1
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$$z_i = g + N(\mu, \sigma^2)$$

C  
D  
E  
genotype  
phenotype