



A (d_{\max})

F i

B ♂
♀

A: death

B: sex (if *)

C: recombination

D: mutation

E: phenotype

F: birth

* $d^{\♂♀} < d_{\max}$ & $q^{\♂♀} > q_{\min}$

(d = physical distance;
 q = genetic similarity)

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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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