

Equilibrium Frequency of
disease genotype, $f(aa)$

100.0%
10.0%
1.0%
0.1%

0% 5% 10% 15% 20% 25%

Increase in fitness in heterozygote,
 S_{adv} (expressed as %)

Reduction in
fitness of
homozygotes
for disease allele,
 S_{del}
(expressed as %)

— 100%

- - 50%

- - - 25%

..... 10%

0.1%

1.0%

100.0%