a

$$\left[\frac{\partial^2}{\partial t^2} - \frac{\boldsymbol{C}(\boldsymbol{x}) + \gamma \boldsymbol{I}}{\gamma'} \right] \boldsymbol{s} = - \frac{1}{\gamma'} \left[\dot{\boldsymbol{x}} - \boldsymbol{F}(\boldsymbol{x}) - \boldsymbol{R}(\boldsymbol{x}) \right]$$

selection coefficient

screening

source

b

$f(t) = 1 + s(t)$

Mutant fitness, $f(t)$

c

Mutant frequency, $x(t)$

Time (generations)

d

Selection source (10^{-4} generations^{-3})

e

Screening length (generations)

f

Inferred selection coefficient, $\hat{s}(t)$ (%)

True coefficient

Time (generations)