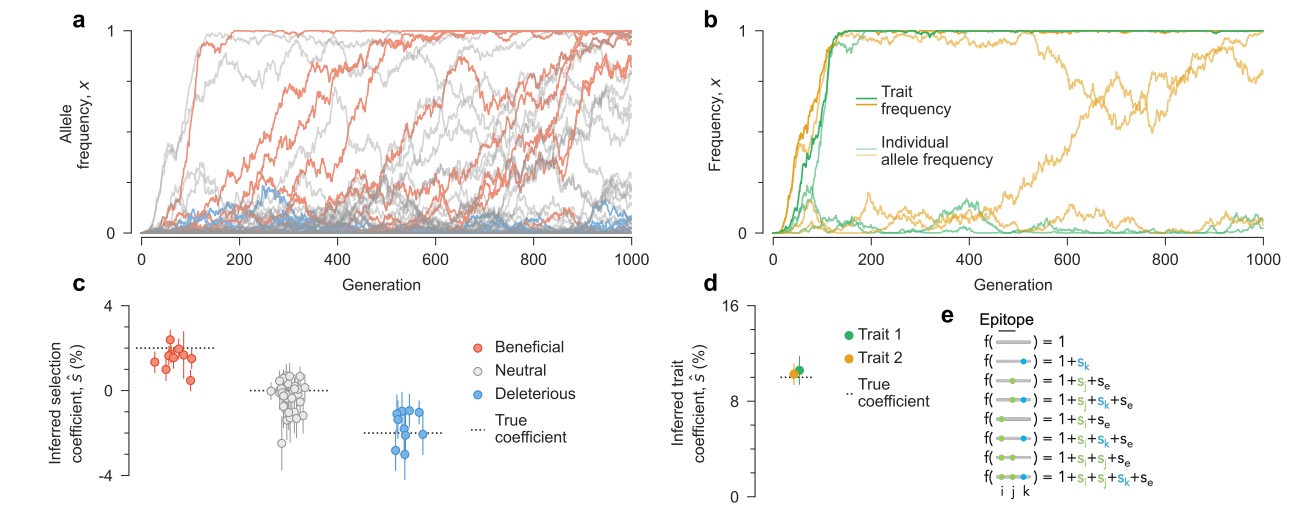
a
Allele frequency, x
1
0
0
200
400
600
800
1000
Generation
b
Frequency, x
1
0
Trait frequency
Individual allele frequency
0
200
400
600
800
1000
Generation
c
Inferred selection coefficient, ŝ (%)
4
0
-4
Beneficial
Neutral
Deleterious
True coefficient
d
Inferred trait coefficient, ŝ (%)
16
8
0
Trait 1
Trait 2
True coefficient
e
Epitope
f( ) = 1
f( ) = 1+s_k
f( ) = 1+s_j+s_e
f( ) = 1+s_j+s_k+s_e
f( ) = 1+s_i+s_e
f( ) = 1+s_i+s_k+s_e
f( ) = 1+s_i+s_j+s_e
f( ) = 1+s_i+s_j+s_k+s_e
i j k