

9 March 2022

deleterious  
recessive  
alleles

MENDELIAN genetics

why do deleterious alleles  
persist?

- tradeoff ( $G \times E$  interaction)
- linkage to an advantageous allele

↳ \* heterozygote advantage

$\{1, 1, s\}$

$\{1, 1+s, s\}$

MUTATION -  
SELECTION

DRIFT

↳ bottleneck  
founder effect