

is the mean scaled fixation probability of non-synonymous mutations.

 $\phi_{x,y}$ is between pairs of amino acids.

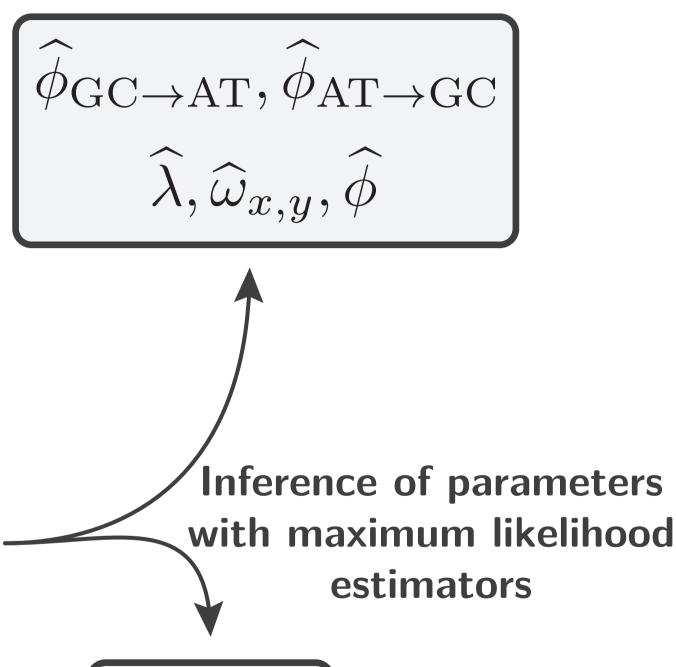
 $\phi_{CC \to AT}$ is from strong to weak nucleotides.

 $\phi_{AT \to GC}$ is from weak to strong nucleotides.

ATG|GGA|TCC|ATG|CTA|CGA|TCG ATG|CGA|TCC|ATG|GTA|CGA|TCG ATG|CGA|TCG|AAG|CTT|CGA|TCC ATG|CGA|TAG|AAG|CTT|CGA|TCG ATG|CGA|TCG|ATC|CAT|CGA|TCG

Alignment of coding sequence

Mean-field model





Muse & Gaut model