## TTTCATTG... CTTCATAG... CTTCACCG... CTTTCTG... inference inference Neutral Purifying Selection 1.2 Purifying Selection 0.8 Selection 0.6 0.4 0.2

New approach: many evolutionary histories  $\rightarrow$  one model of maximum resolution

Classical approach: one evolutionary history  $\rightarrow$  one inference

