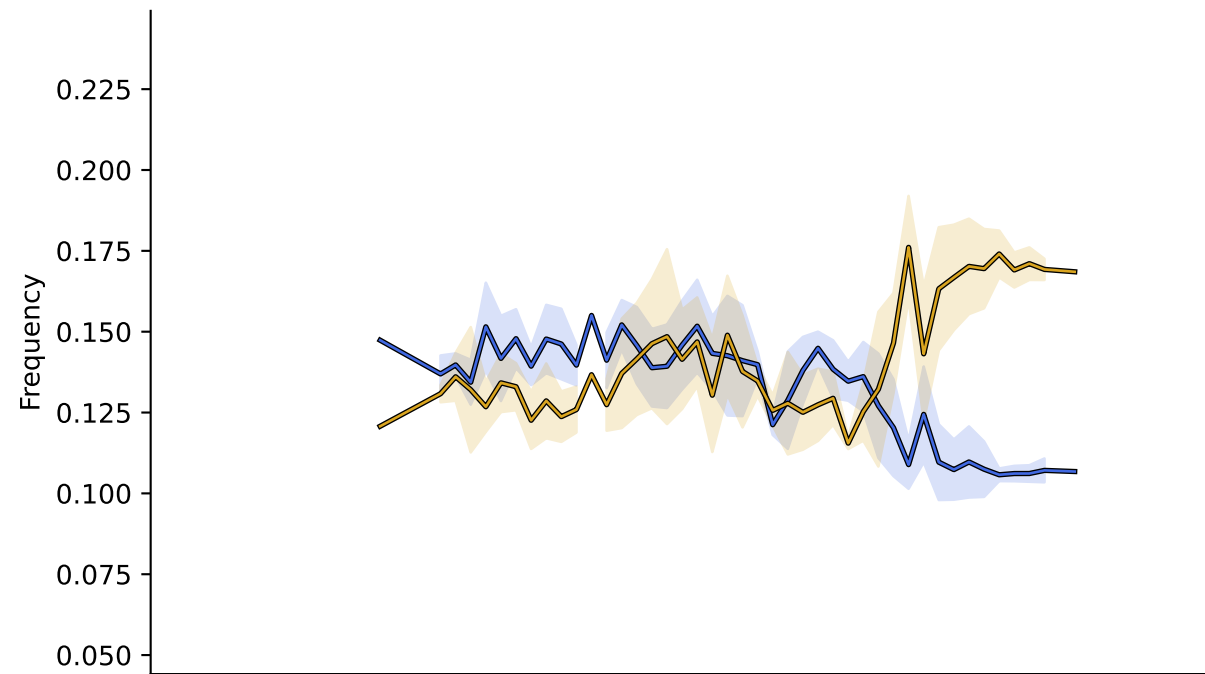
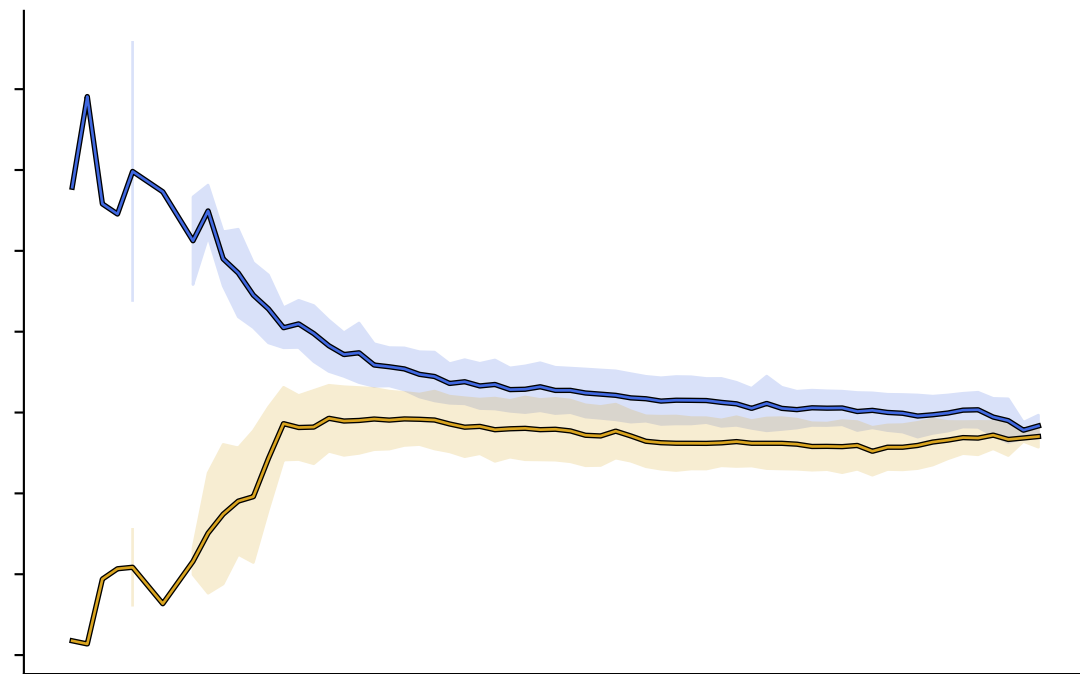


Frequencies of charged amino acids

Archaea, $r_s = -0.631$, $p = 4.036e-35$

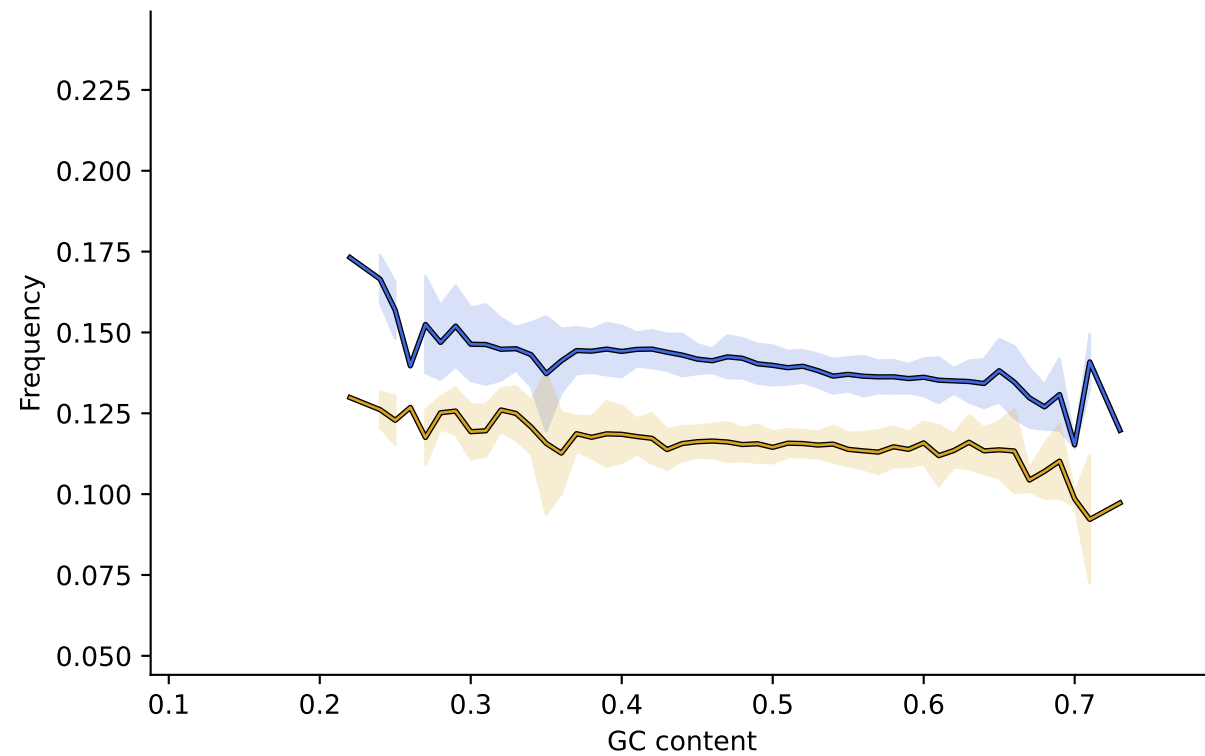


Bacteria, $r_s = 0.186$, $p = 2.323e-71$



Positive charged AA
Negative charged AA

Eukaryotes, $r_s = 0.187$, $p = 4.748e-23$



Viruses, $r_s = 0.278$, $p = 8.260e-226$

