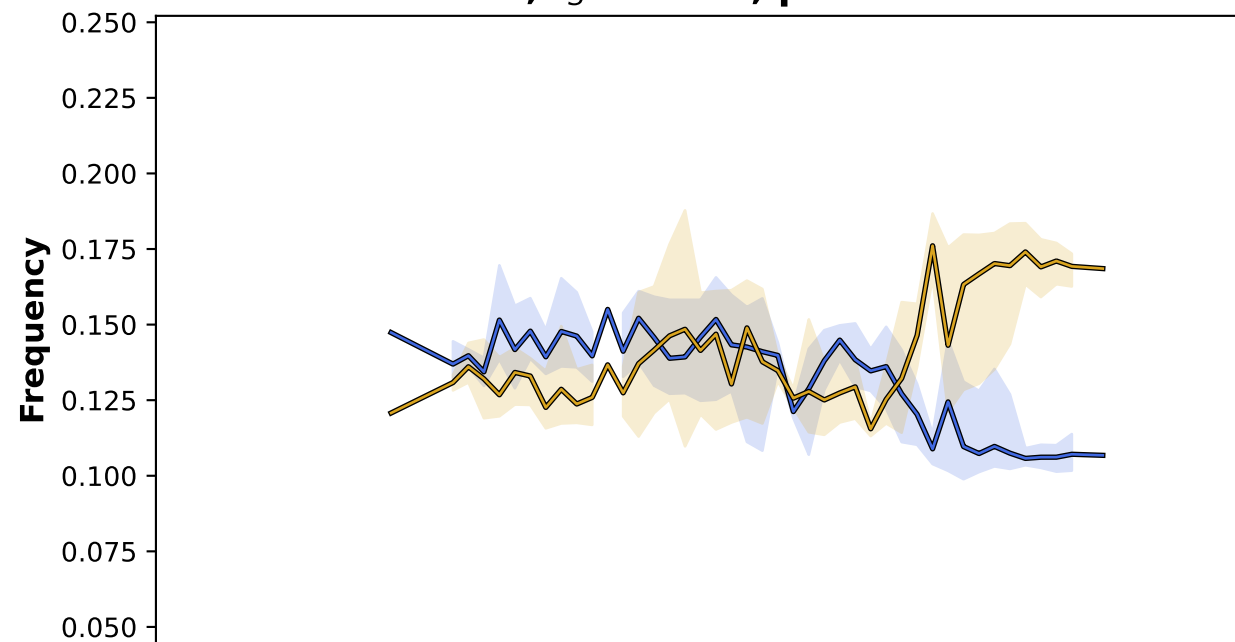
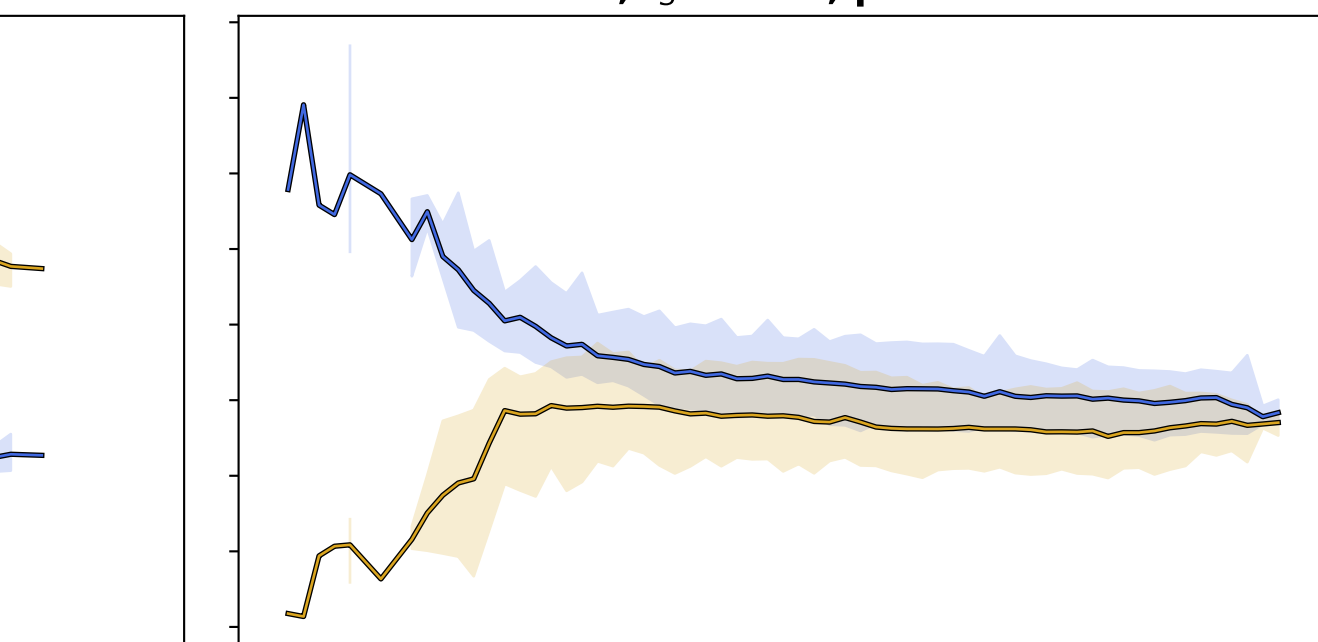


# Frequencies of charged amino acids per GC content

**Archaea,  $r_S = -0.631$ ,  $p = 4.036e-35$**

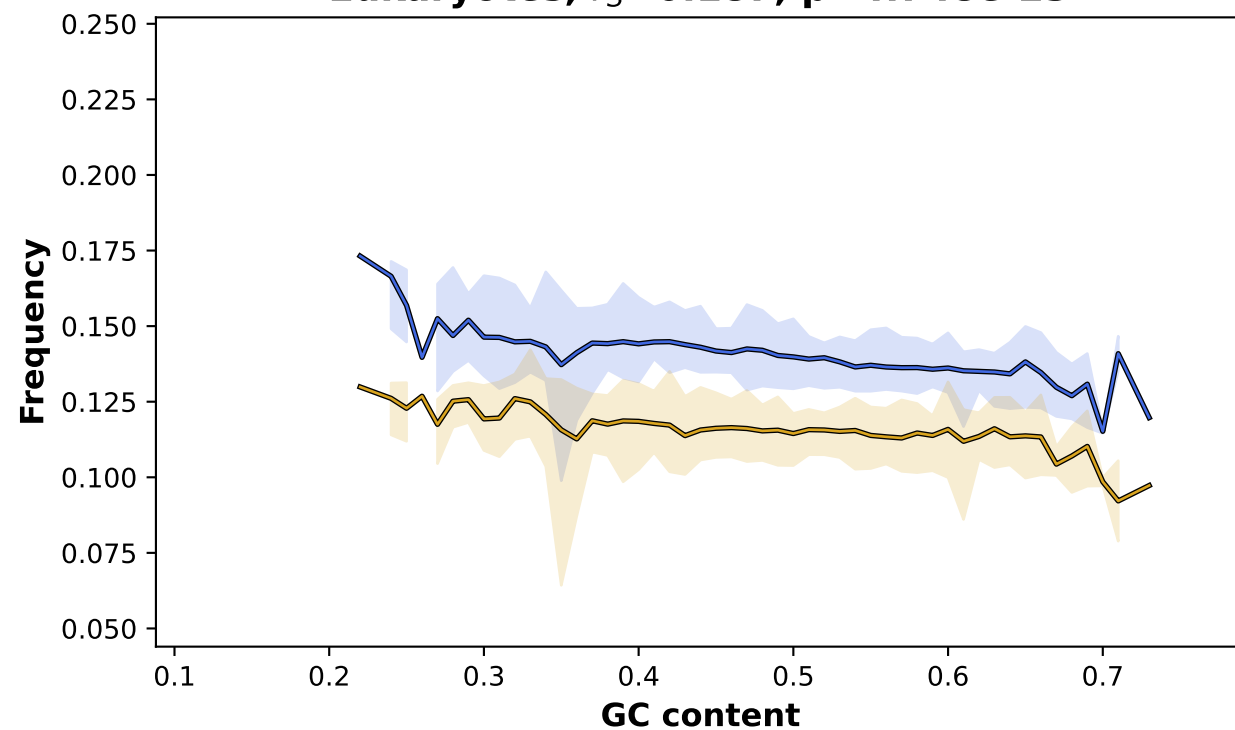


**Bacteria,  $r_S = 0.186$ ,  $p = 2.323e-71$**



Positively charged AA  
Negatively charged AA

**Eukaryotes,  $r_S = 0.187$ ,  $p = 4.748e-23$**



**Viruses,  $r_S = 0.278$ ,  $p = 8.260e-226$**

