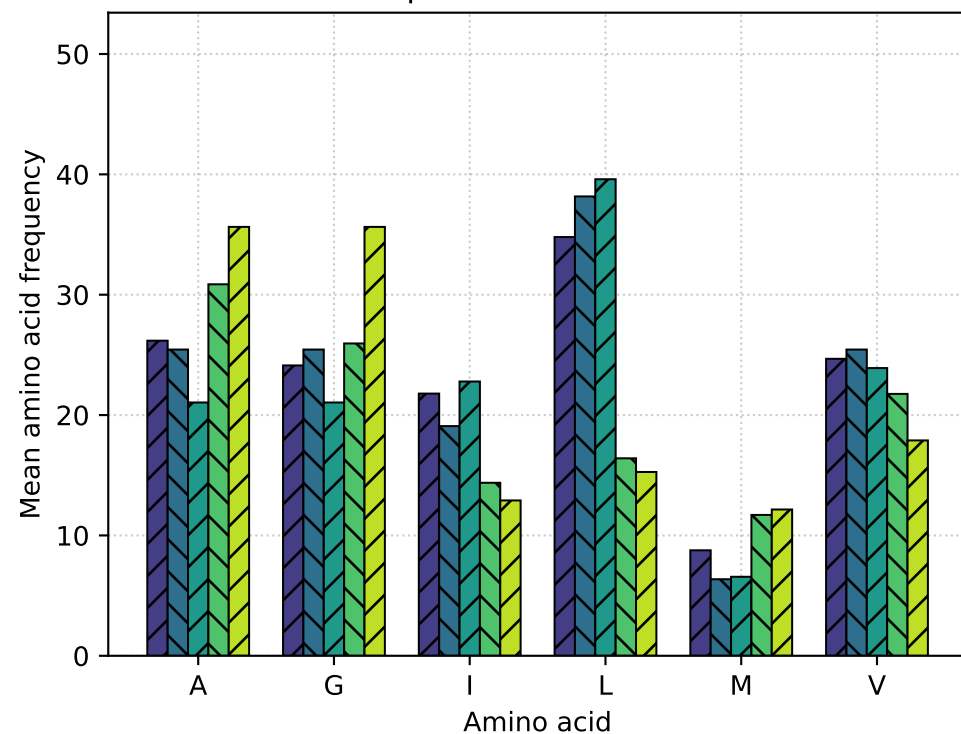


Viruses - Correlation of amino acid frequency for genetic code: Alternative flatworm mitochondrial

Aliphatic amino acids

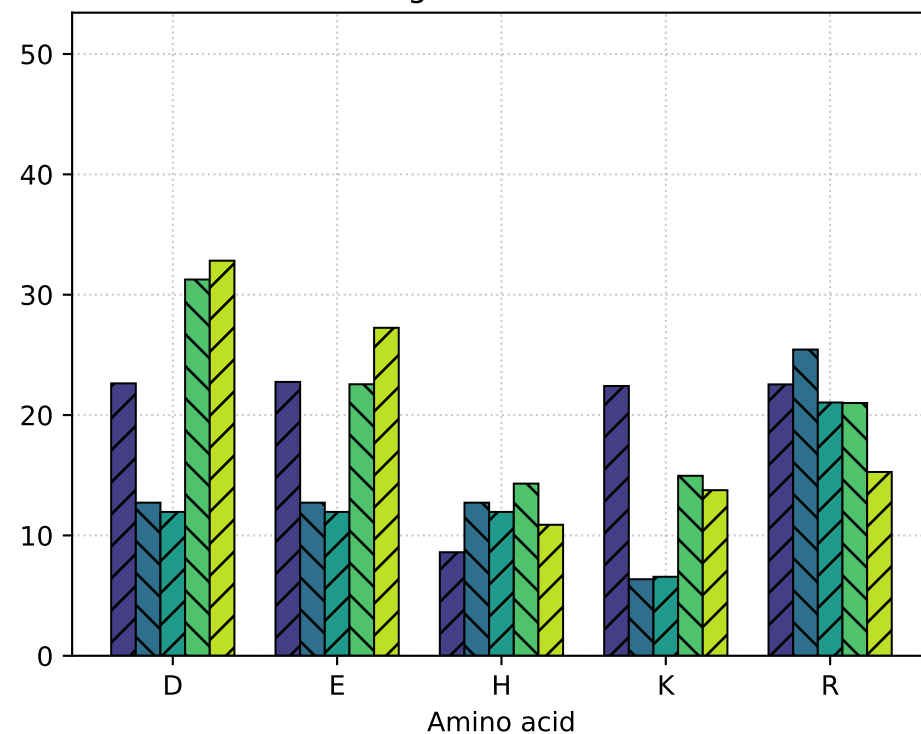


Observed
 Codon
 Codon+GC
 Cost (Akashi)
 Cost (Kaleta)

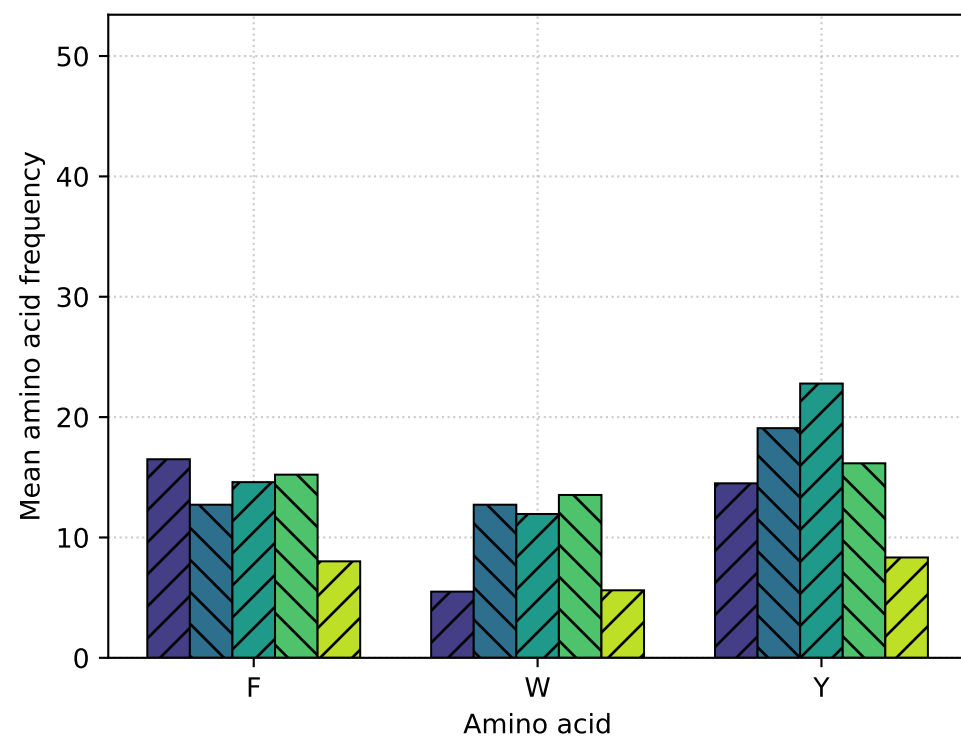
Codon correlation:
 - p_{cc} : 0.60; p_{pcc} : 4.8e-03
 - r_2 : 0.60; p_{r_2} : 4.9e-03

Codon + GC correlation:
 - p_{cc} : 0.63; p_{pcc} : 3.2e-03
 - r_2 : 0.57; p_{r_2} : 8.5e-03

Charged amino acids



Aromatic amino acids



Cost(Akashi) correlation:
 - p_{cc} : 0.46; p_{pcc} : 4.1e-02
 - r_2 : 0.55; p_{r_2} : 1.2e-02

Cost(Kaleta) correlation:
 - p_{cc} : 0.45; p_{pcc} : 4.8e-02
 - r_2 : 0.50; p_{r_2} : 2.4e-02

Uncharged amino acids

