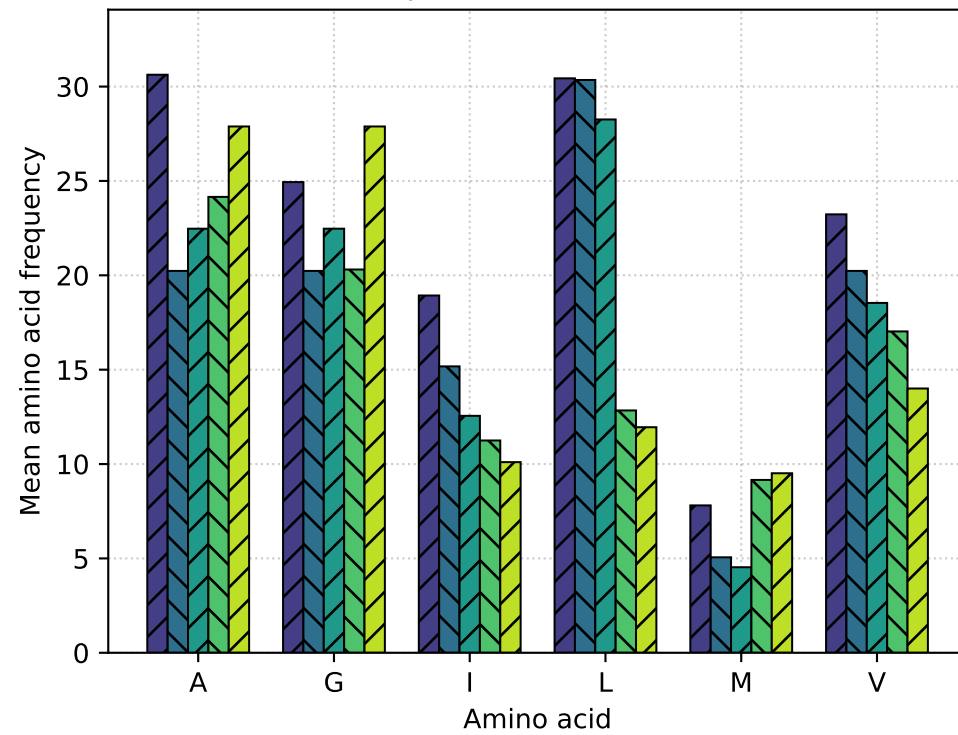


Bacteria - Correlation of amino acid frequency for genetic code: Balanophoraceae plastid

Aliphatic amino acids

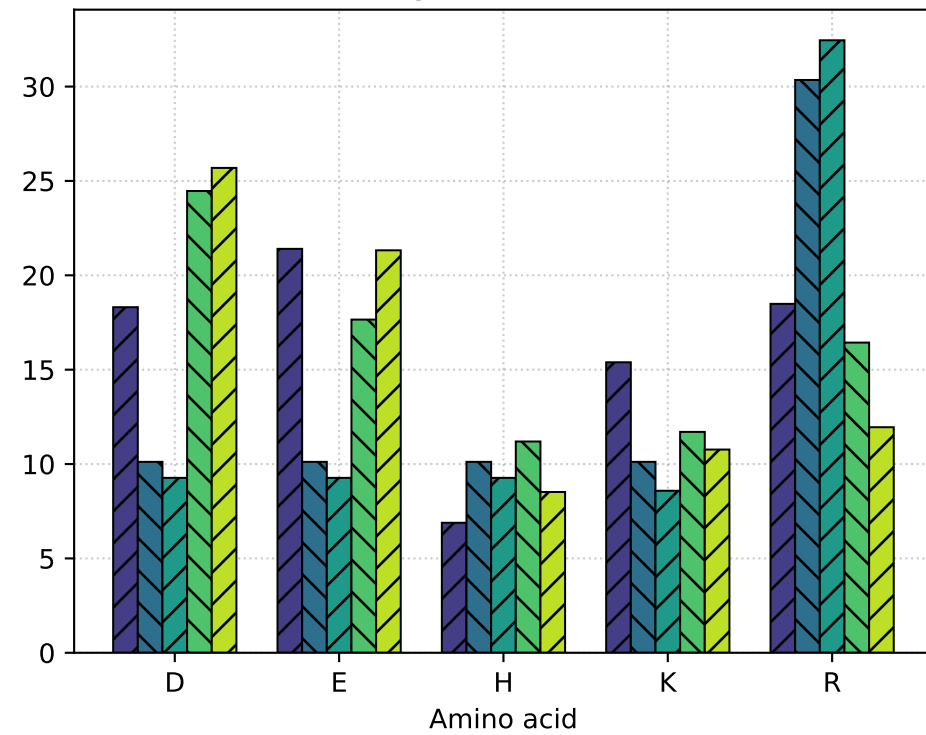


Observed
 Codon
 Codon+GC
 Cost (Akashi)
 Cost (Kaleta)

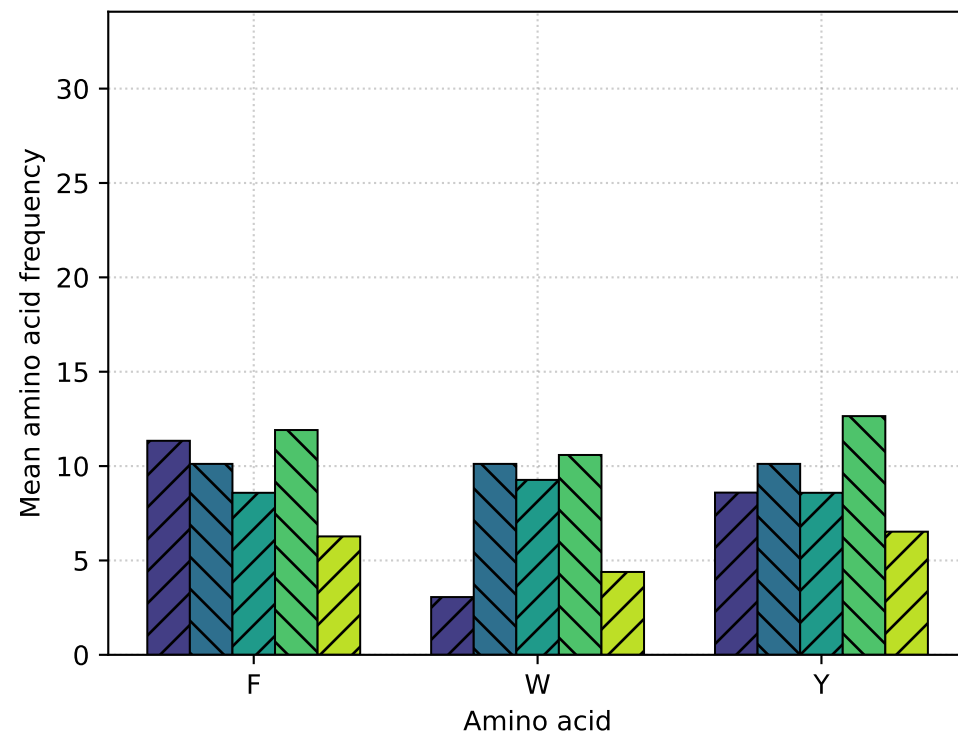
Codon correlation:
 - p_{cc} : 0.59; p_{pcc} : 5.7e-03
 - r_2 : 0.64; p_{r_2} : 2.4e-03

Codon + GC correlation:
 - p_{cc} : 0.63; p_{pcc} : 2.7e-03
 - r_2 : 0.62; p_{r_2} : 3.8e-03

Charged amino acids



Aromatic amino acids



Cost(Akashi) correlation:
 - p_{cc} : 0.50; p_{pcc} : 2.6e-02
 - r_2 : 0.57; p_{r_2} : 8.8e-03

Cost(Kaleta) correlation:
 - p_{cc} : 0.49; p_{pcc} : 3.0e-02
 - r_2 : 0.52; p_{r_2} : 1.9e-02

Uncharged amino acids

