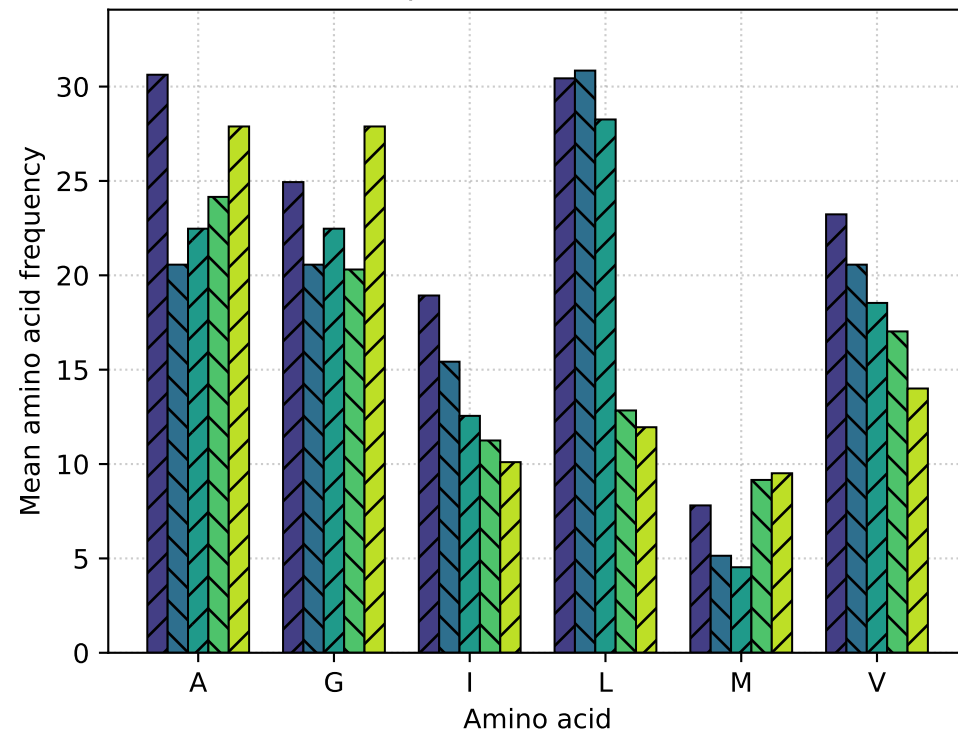


Bacteria - Correlation of amino acid frequency for genetic code: Standard

Aliphatic amino acids

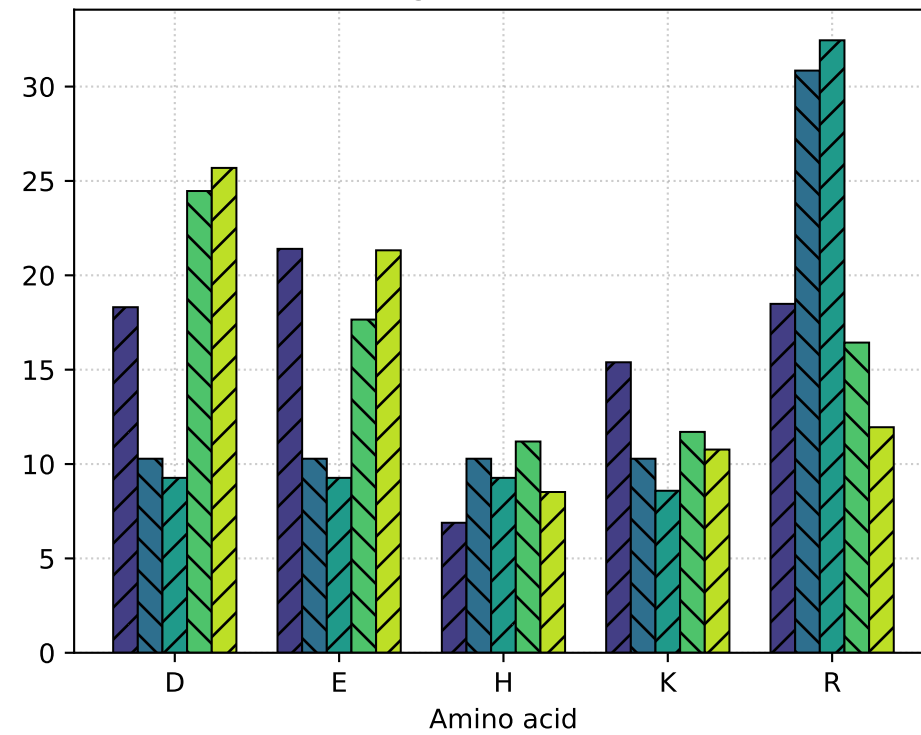


Observed
Codon
Codon+GC
Cost (Akashi)
Cost (Kaleta)

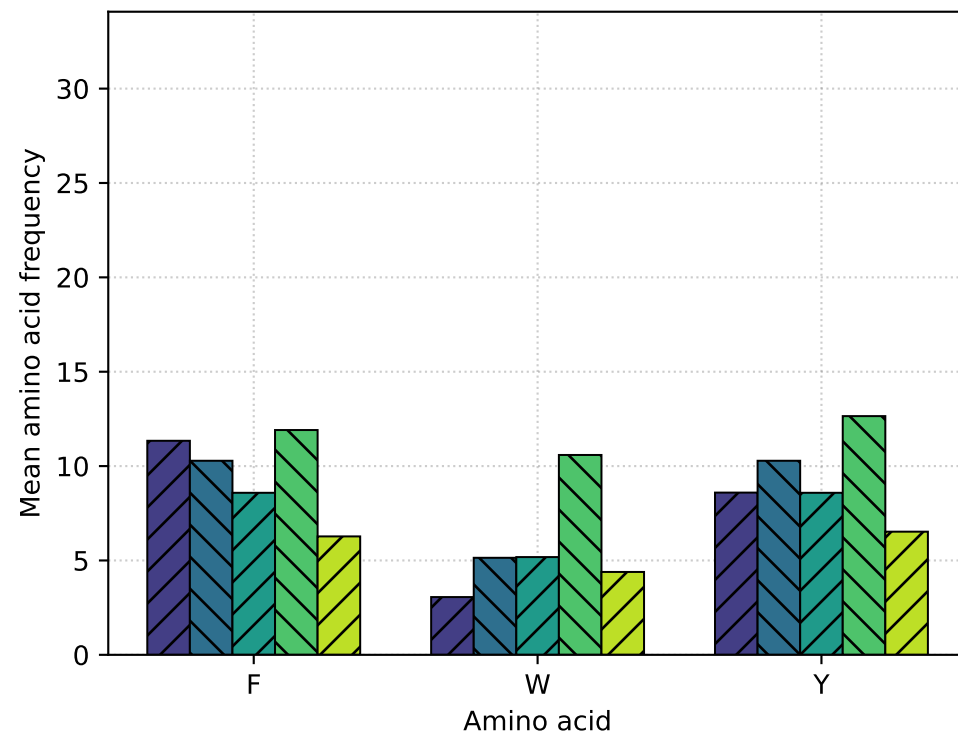
Codon correlation:
- p_{cc} : 0.62; p_{pcc} : 3.3e-03
- r_2 : 0.68; p_{r_2} : 1.0e-03

Codon + GC correlation:
- p_{cc} : 0.66; p_{pcc} : 1.7e-03
- r_2 : 0.65; p_{r_2} : 1.7e-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

