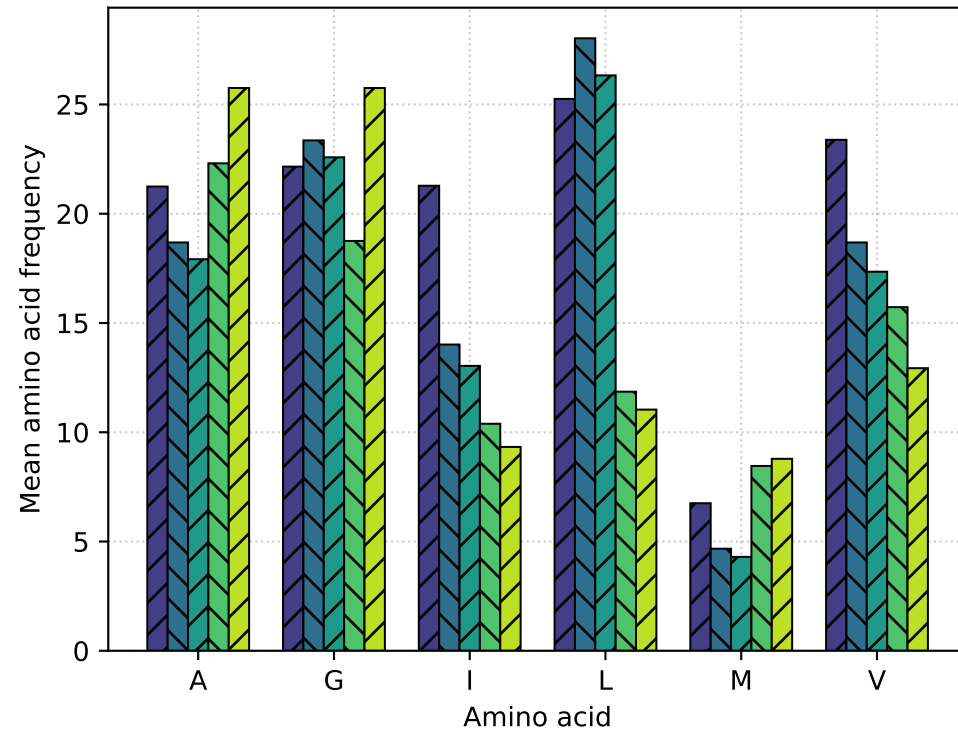


Archaea - Correlation of amino acid frequency for genetic code: Candidate division sr1 gracilibacteria

Aliphatic amino acids

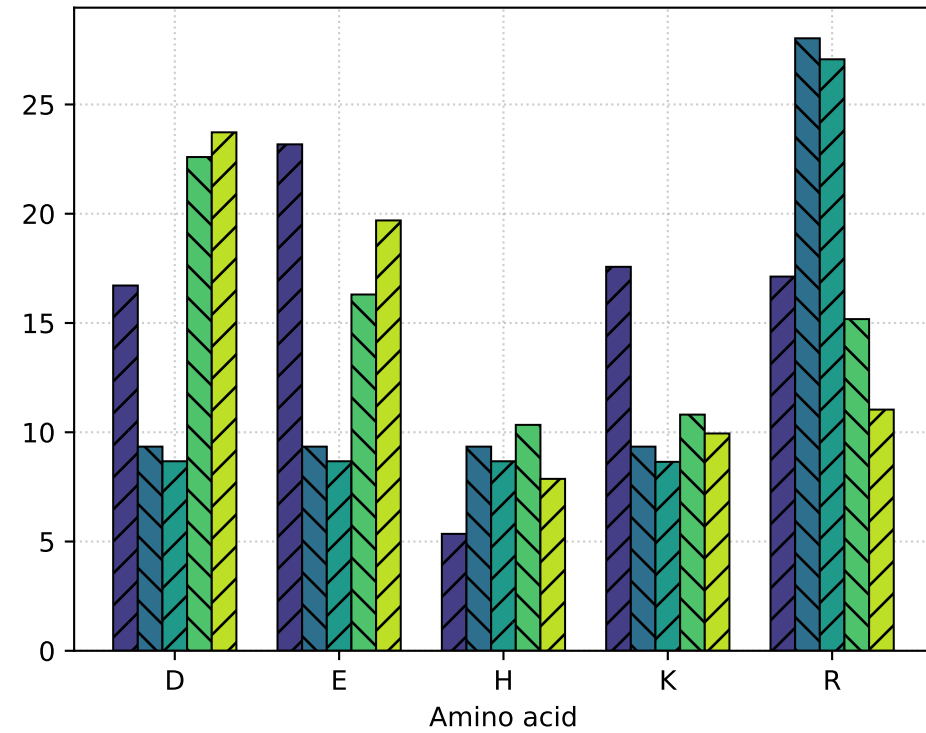


Observed
Codon
Codon+GC
Cost (Akashi)
Cost (Kaleta)

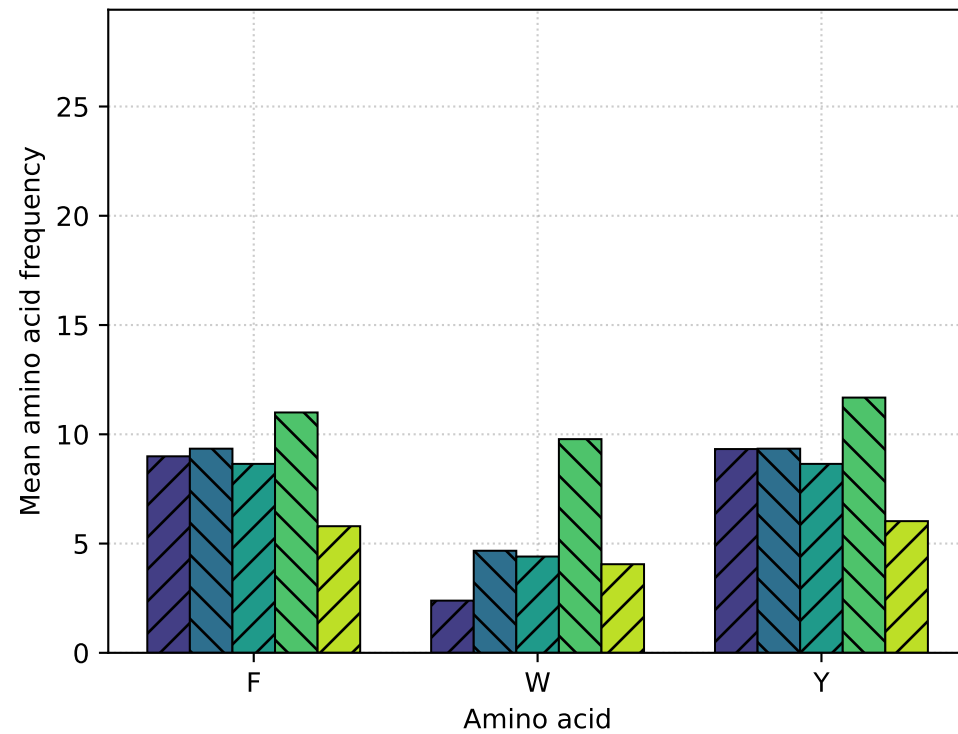
Codon correlation:
- p_{cc} : 0.54; p_{pcc} : 1.4e-02
- r_2 : 0.62; p_{r_2} : 3.5e-03

Codon + GC correlation:
- p_{cc} : 0.60; p_{pcc} : 5.1e-03
- r_2 : 0.62; p_{r_2} : 3.5e-03

Charged amino acids



Aromatic amino acids



Cost(Akashi) correlation:
- p_{cc} : 0.39; p_{pcc} : 9.0e-02
- r_2 : 0.48; p_{r_2} : 3.4e-02

Cost(Kaleta) correlation:
- p_{cc} : 0.38; p_{pcc} : 1.0e-01
- r_2 : 0.40; p_{r_2} : 7.8e-02

Uncharged amino acids

