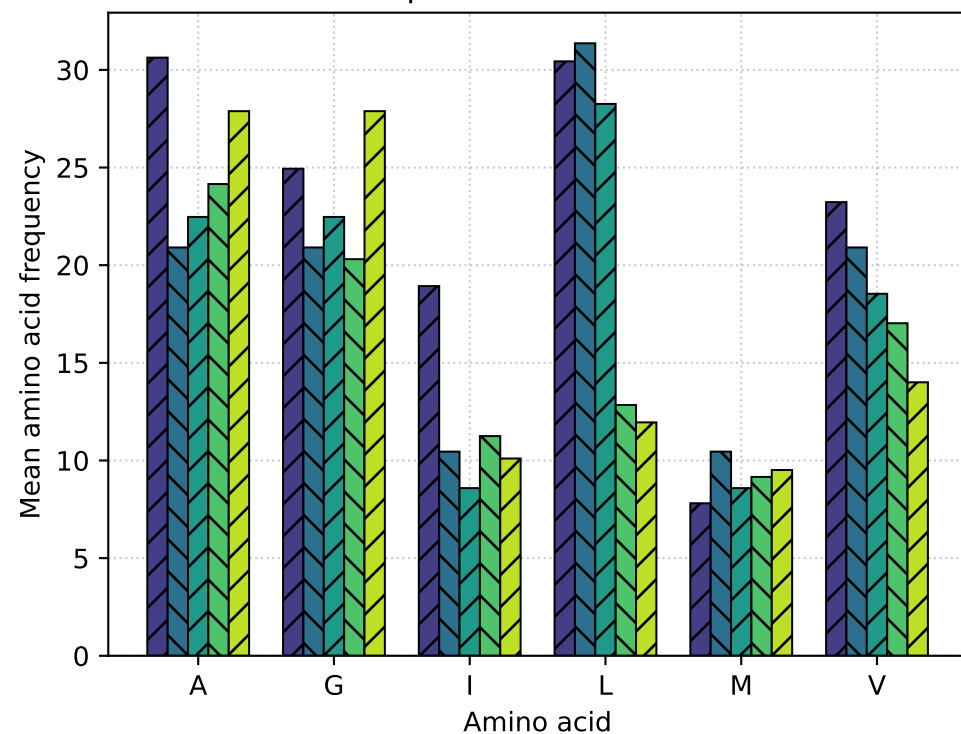


Bacteria - Correlation of amino acid frequency for genetic code: Vertebrate mitochondrial

Aliphatic amino acids

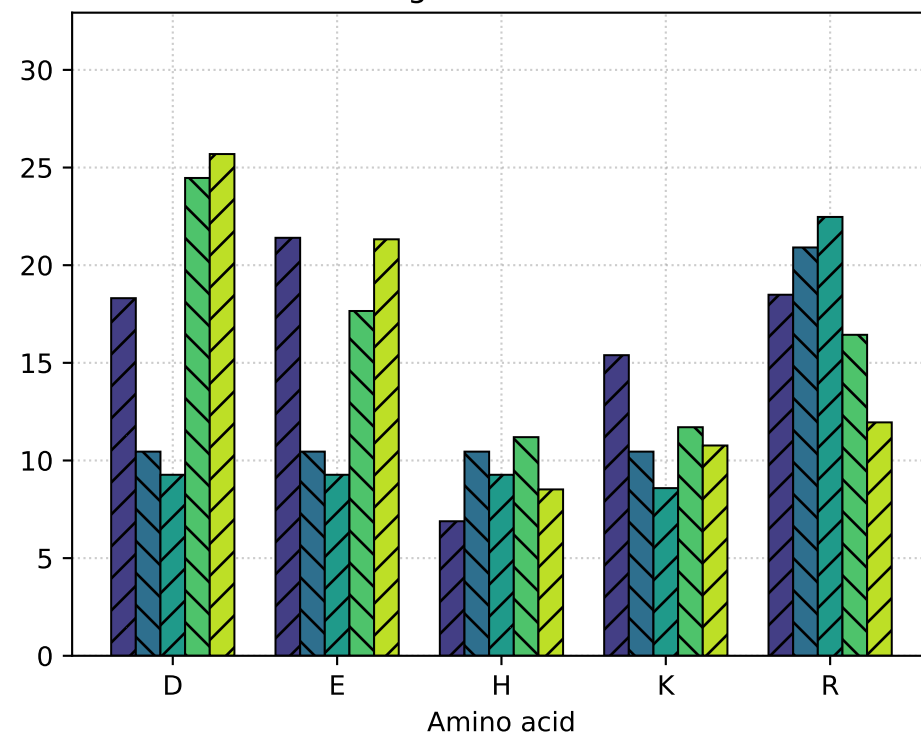


Observed
Codon
Codon+GC
Cost (Akashi)
Cost (Kaleta)

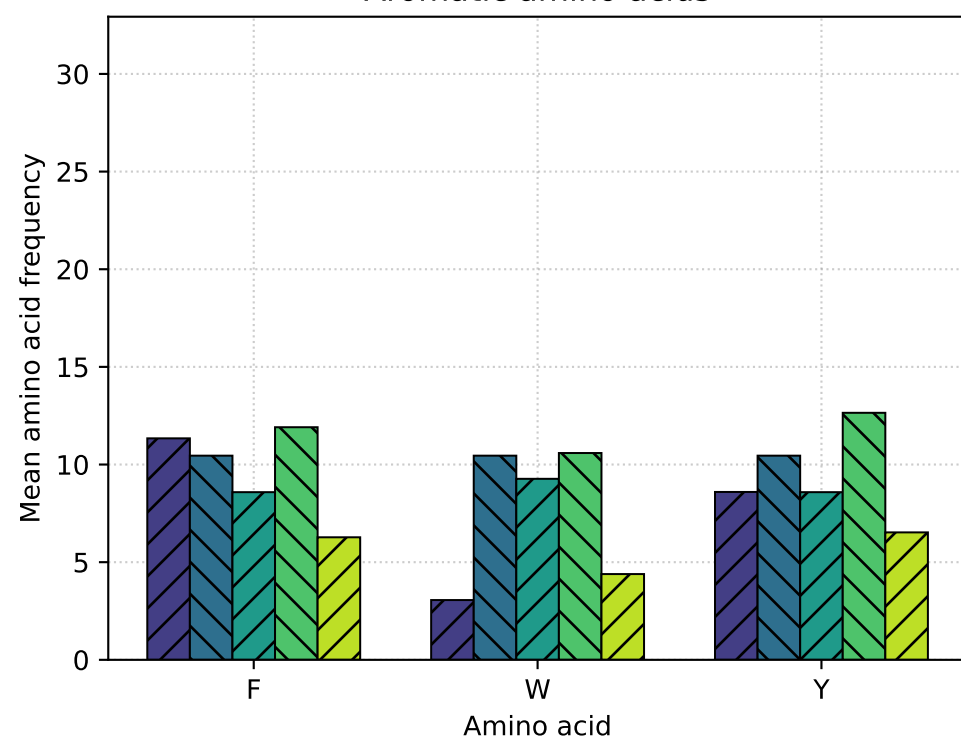
Codon correlation:
- p_{cc} : 0.60; p_{pcc} : 5.5e-03
- r_2 : 0.61; p_{r_2} : 4.5e-03

Codon + GC correlation:
- p_{cc} : 0.62; p_{pcc} : 3.6e-03
- r_2 : 0.56; p_{r_2} : 9.5e-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

