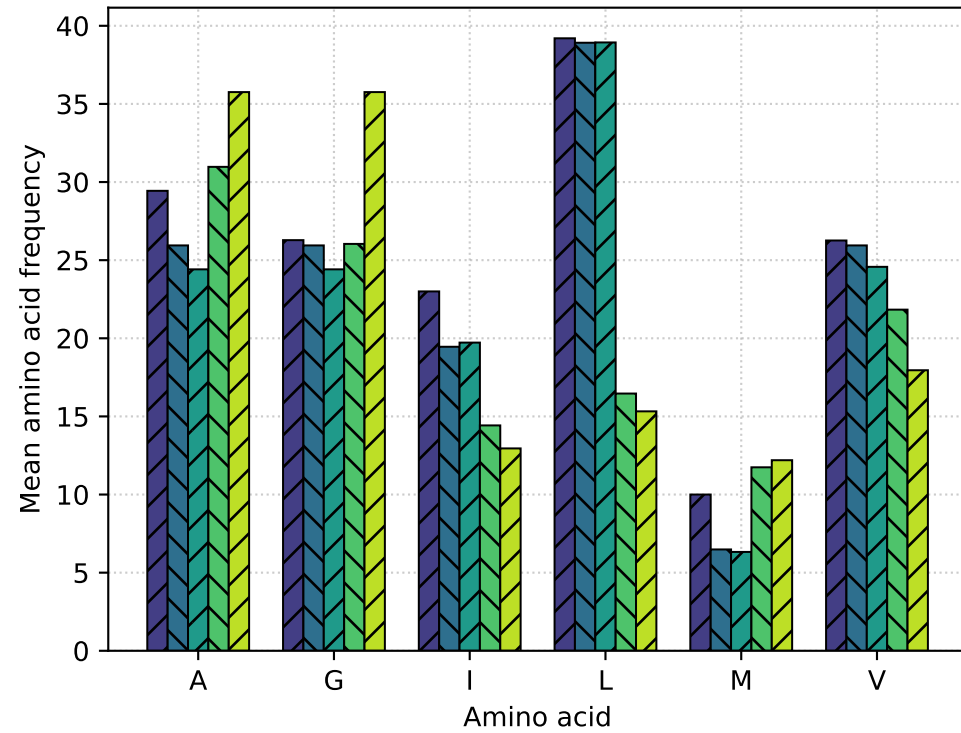


Eukaryota - Correlation of amino acid frequency for genetic code: Mold mitochondrial protozoan mitochondrial coelenterate mitochondrial mycoplasma spiroplasma

Aliphatic amino acids

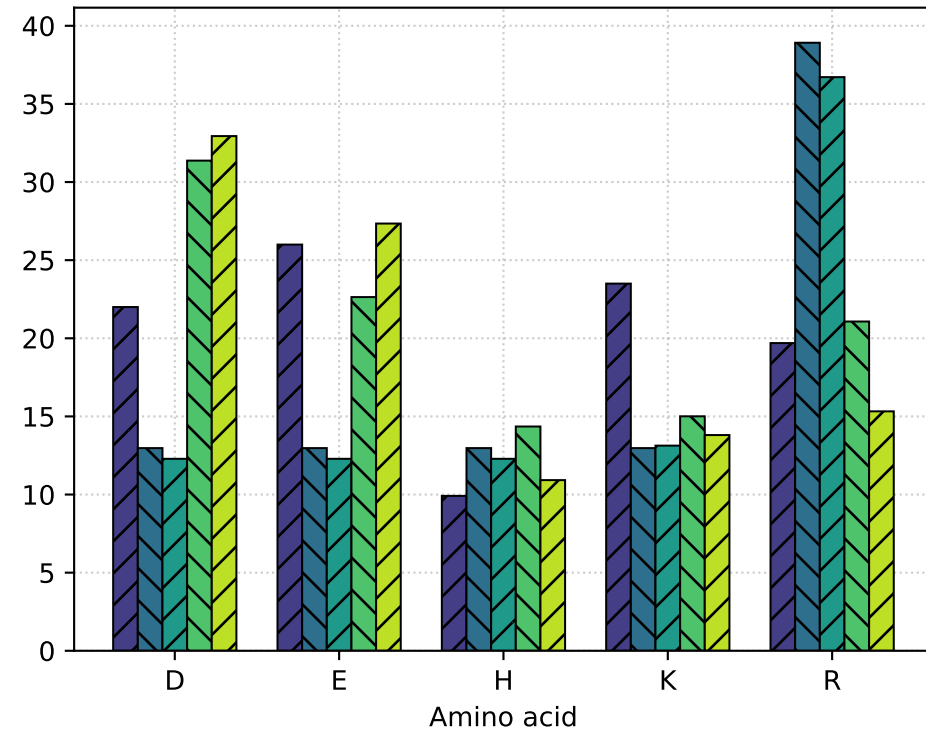


Observed
Codon
Codon+GC
Cost (Akashi)
Cost (Kaleta)

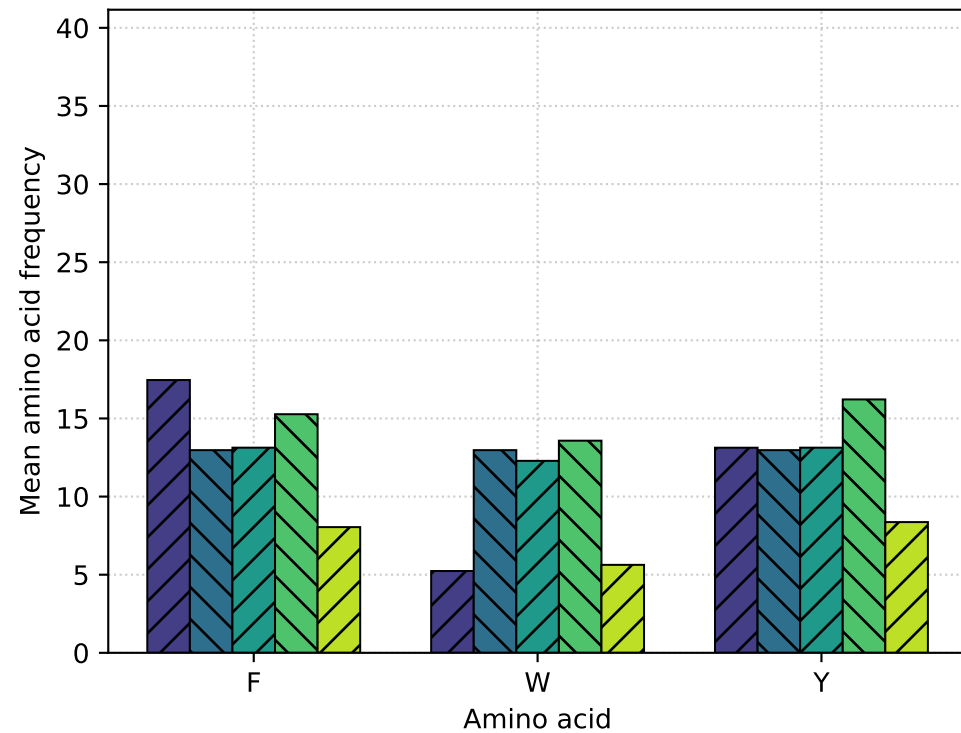
Codon correlation:
- p_{cc} : 0.66; p_{pcc} : 1.5e-03
- r_2 : 0.67; p_{r_2} : 1.3e-03

Codon + GC correlation:
- p_{cc} : 0.68; p_{pcc} : 8.8e-04
- r_2 : 0.65; p_{r_2} : 2.1e-03

Charged amino acids



Aromatic amino acids



Cost(Akashi) correlation:
- p_{cc} : 0.50; p_{pcc} : 2.4e-02
- r_2 : 0.61; p_{r_2} : 4.4e-03

Cost(Kaleta) correlation:
- p_{cc} : 0.50; p_{pcc} : 2.5e-02
- r_2 : 0.56; p_{r_2} : 9.8e-03

Uncharged amino acids

