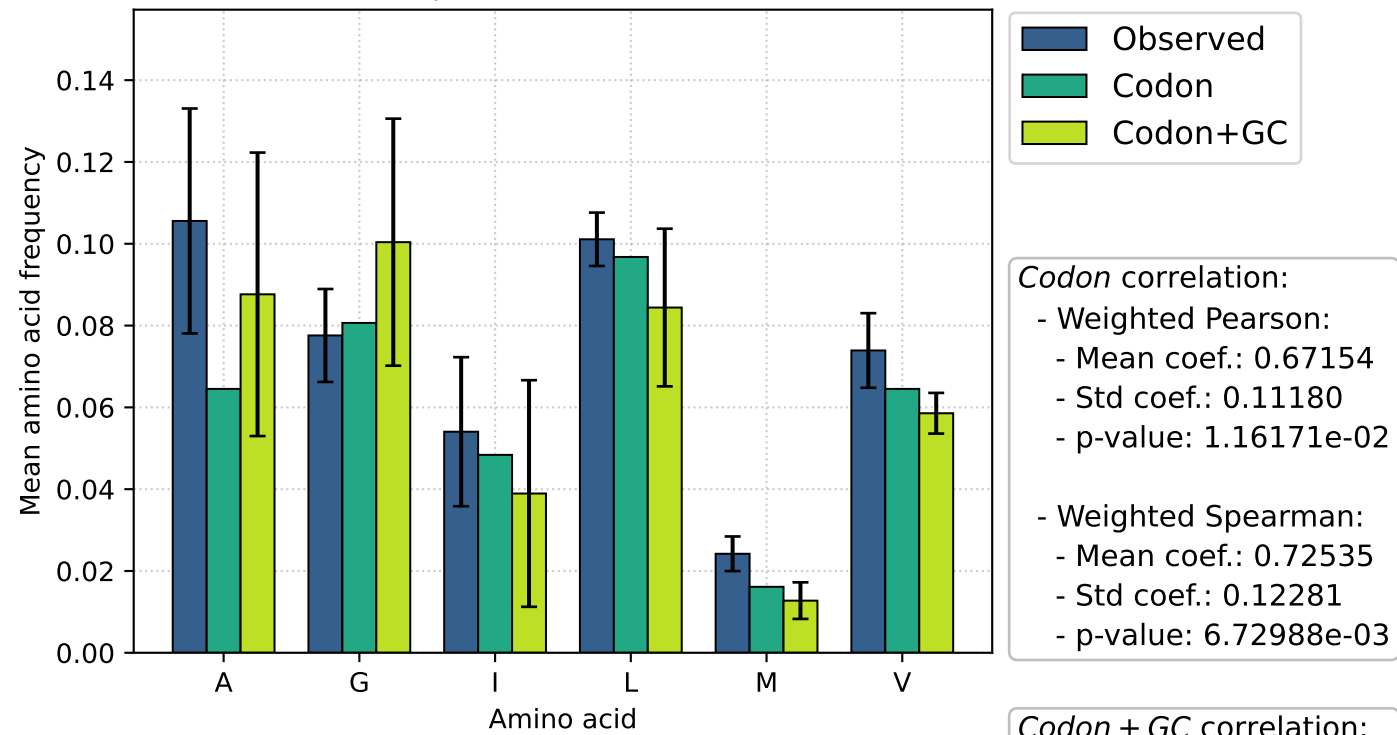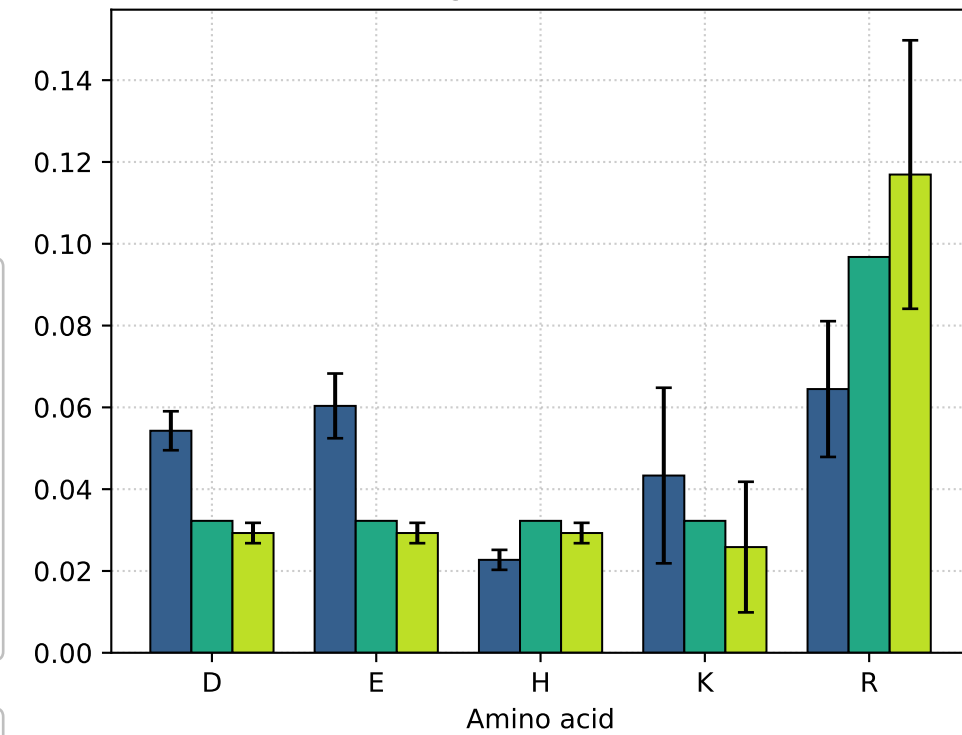**Bacteria - Weighted mean proteome amino acid frequency for genetic code: Candidate division sr1 and gracilibacteria**
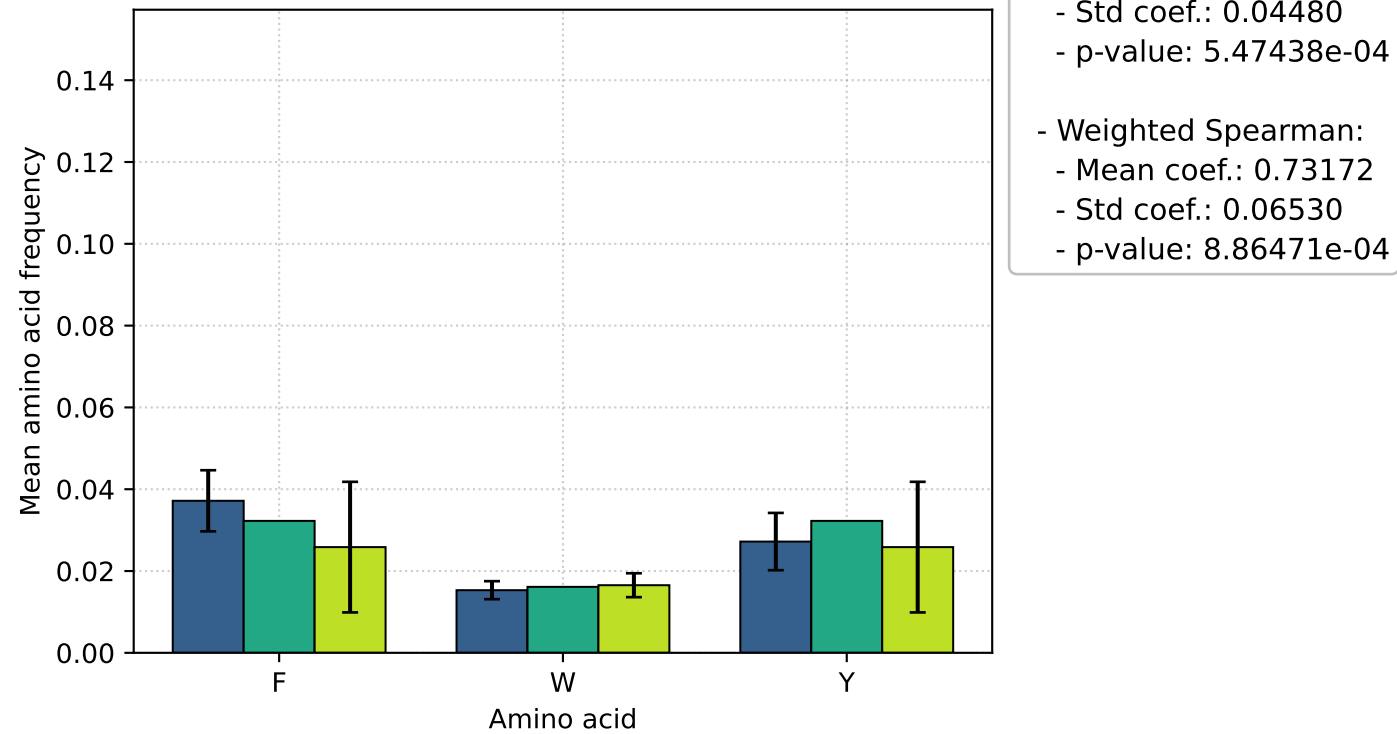
Aliphatic amino acids

Charged amino acids

Aromatic amino acids

Uncharged amino acids

Legend:
- Observed
- Codon
- Codon+GC

*Codon* correlation:
- Weighted Pearson:
  - Mean coef.: 0.67154
  - Std coef.: 0.11180
  - p-value: 1.16171e-02

- Weighted Spearman:
  - Mean coef.: 0.72535
  - Std coef.: 0.12281
  - p-value: 6.72988e-03

*Codon + GC* correlation:
- Weighted Pearson:
  - Mean coef.: 0.72780
  - Std coef.: 0.04480
  - p-value: 5.47438e-04

- Weighted Spearman:
  - Mean coef.: 0.73172
  - Std coef.: 0.06530
  - p-value: 8.86471e-04