

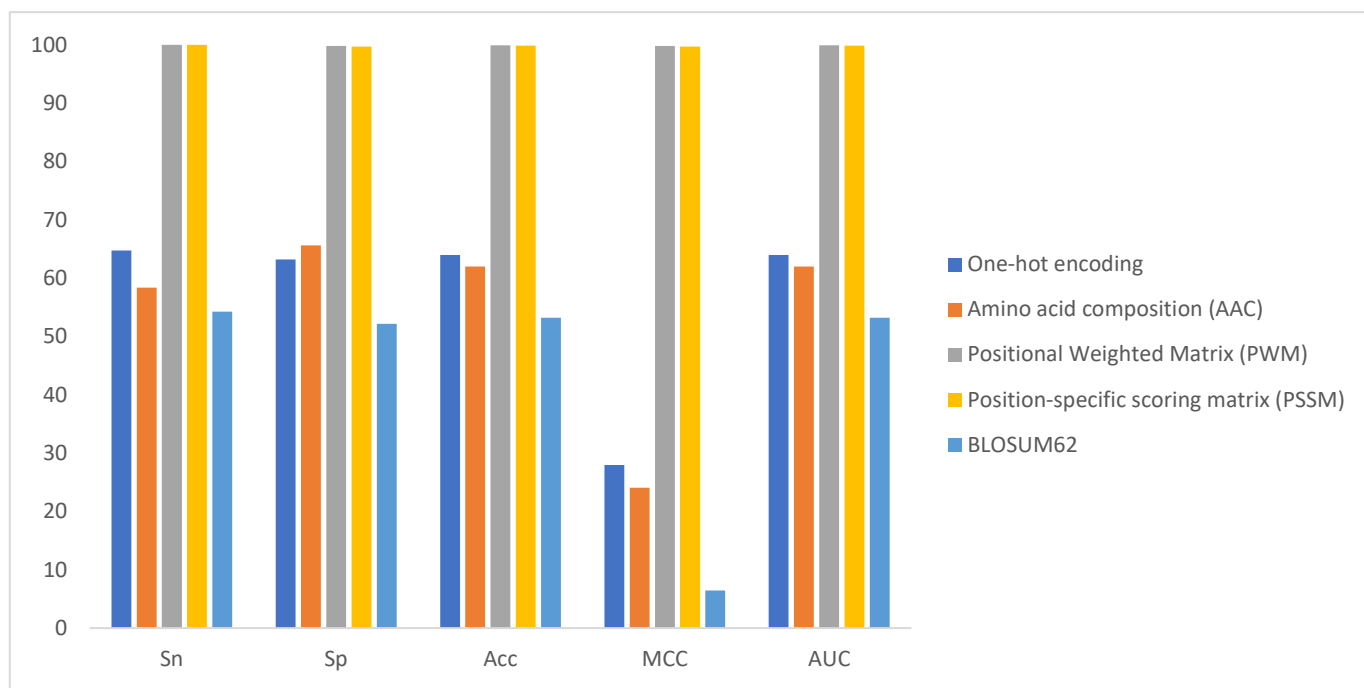
Machine Learning in Computational Biology Assignment #3

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專案代碼 : <https://github.com/Connection2Peter/NYCU-BioML-2023>

1. [Performance Comparison of Different Feature Encoding Methods]

Training features	Sn	Sp	Acc	MCC	AUC
One-hot encoding	64.734	63.213	63.973	27.96	63.973
Amino acid composition (AAC)	58.371	65.616	61.993	24.054	61.993
Positional Weighted Matrix (PWM)	100	99.812	99.906	99.813	99.906
Position-specific scoring matrix (PSSM)	100	99.7	99.85	99.7	99.85
BLOSUM62	54.26	52.177	53.219	6.442	53.218



2. [Performance Comparison of Different Supervised Learning Methods]

