

Week 2: take-home messages

- Adjust font sizes in plots for improved display, including titles, axis labels, and legends.
- Standardisation when dealing with features with different magnitudes.
- Cross-validation for hyperparameter tuning (e.g., k in kNN).
- Gradient-based algorithms (e.g., gradient descent) for logistic regression, as there is no closed-form solution for β .
- Logistic regression for problems with linear decision boundaries; explore alternative methods for non-linear cases.
- ROC (and AUC) to evaluate binary classifier performance.