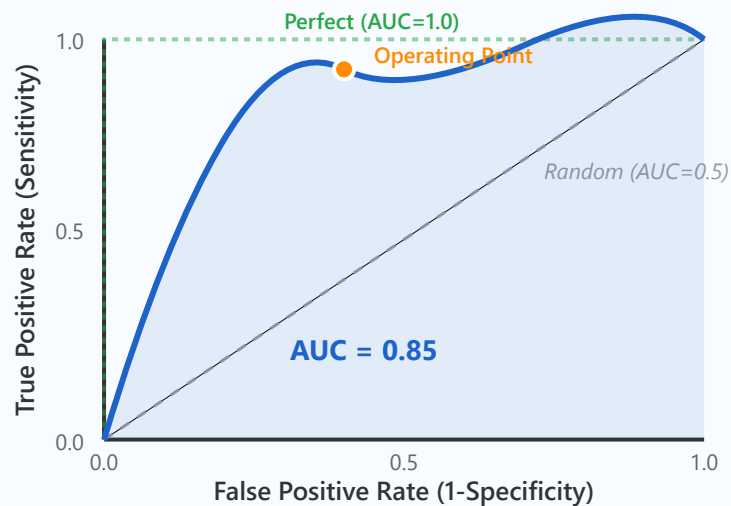


ROC and PR Curves

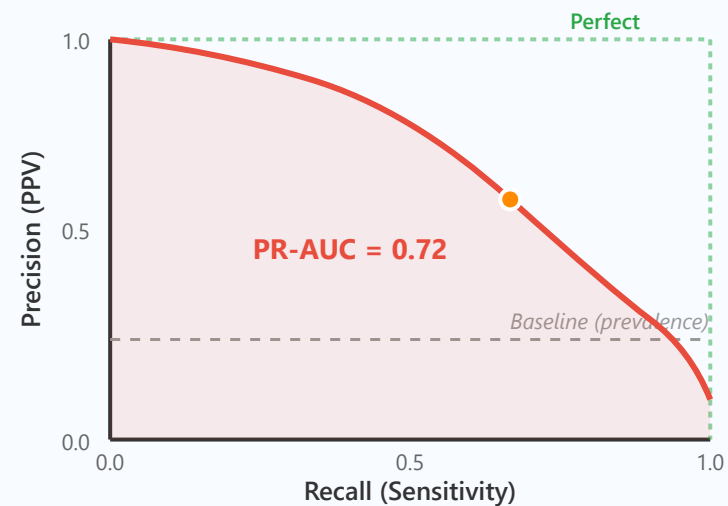
ROC Curve



Plots TPR vs FPR at various thresholds

- AUC: 0.5 = random, 1.0 = perfect
- Good for balanced datasets
- Threshold-independent metric

PR Curve



Plots Precision vs Recall

- Better for imbalanced data
- Focus on positive class
- More informative for rare diseases

Clinical Decision: Choose operating point based on cost of FP vs FN