Breast Cancer Prediction Report

Generated: 2025-11-08T05:26:12.093604 UTC

Input features
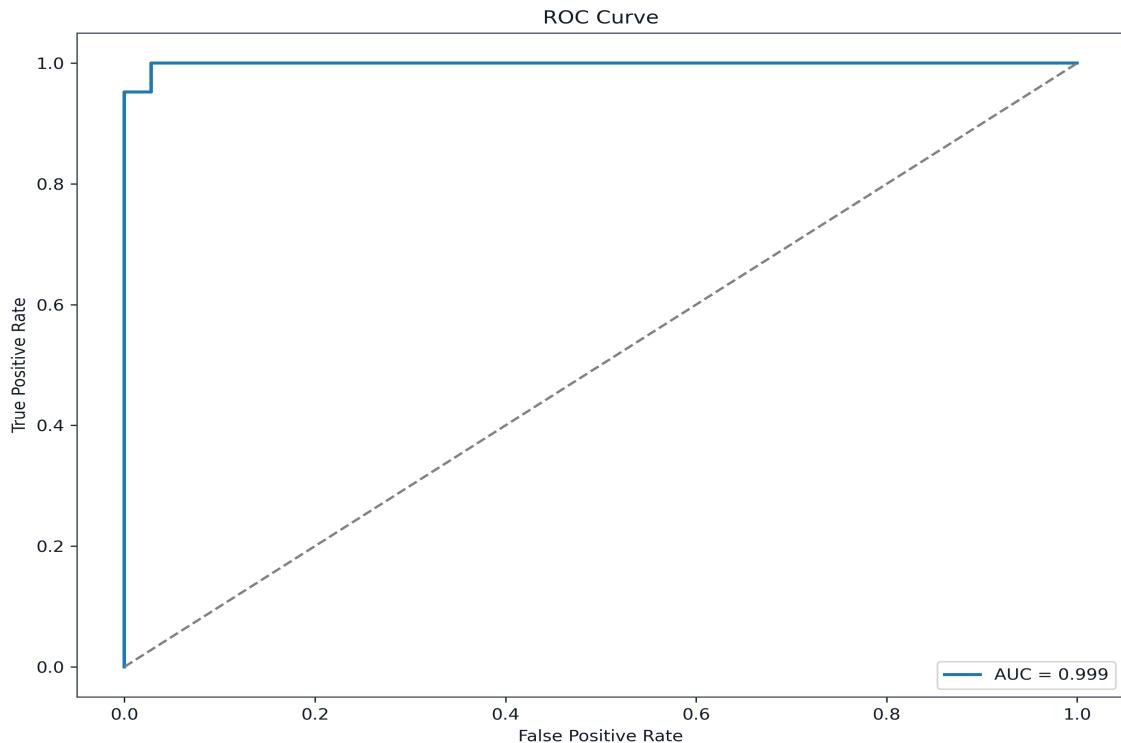
Feature	Value
radius_mean	17.99
texture_mean	10.38
perimeter_mean	122.8
area_mean	1001.0
smoothness_mean	0.1184
compactness_mean	0.2776
concavity_mean	0.3001
concave points_mean	0.1471
symmetry_mean	0.2419
fractal_dimension_mean	0.07871
radius_se	1.095
texture_se	0.9053
perimeter_se	8.589
area_se	153.4
smoothness_se	0.006399
compactness_se	0.04904
concavity_se	0.05373
concave points_se	0.01587
symmetry_se	0.03003
fractal_dimension_se	0.006193
radius_worst	25.38
texture_worst	17.33
perimeter_worst	184.6
area_worst	2019.0
smoothness_worst	0.1622
compactness_worst	0.6656
concavity_worst	0.7119

concave points_worst	0.2654
symmetry_worst	0.4601
fractal_dimension_worst	0.1189
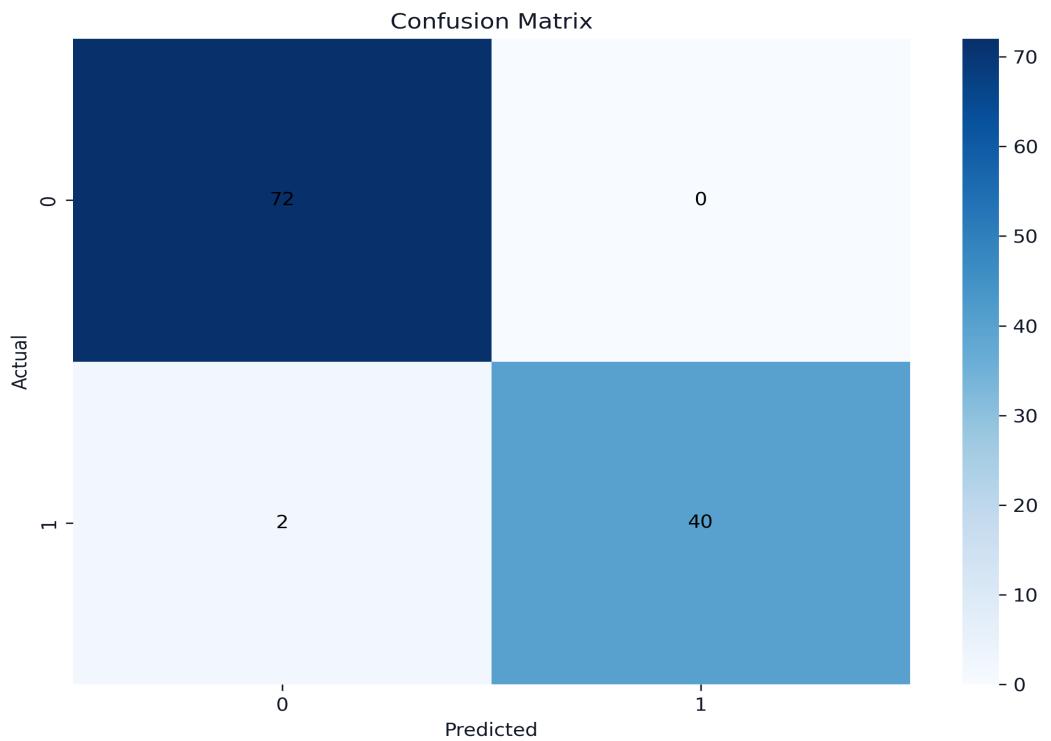
Model: sklearn

Field	Value
Model	sklearn
Prediction	1
Probability	0.999999999531763

ROC Curve

Confusion Matrix

Confusion Matrix

Precision-Recall

Precision-Recall Curve

AP = 0.998
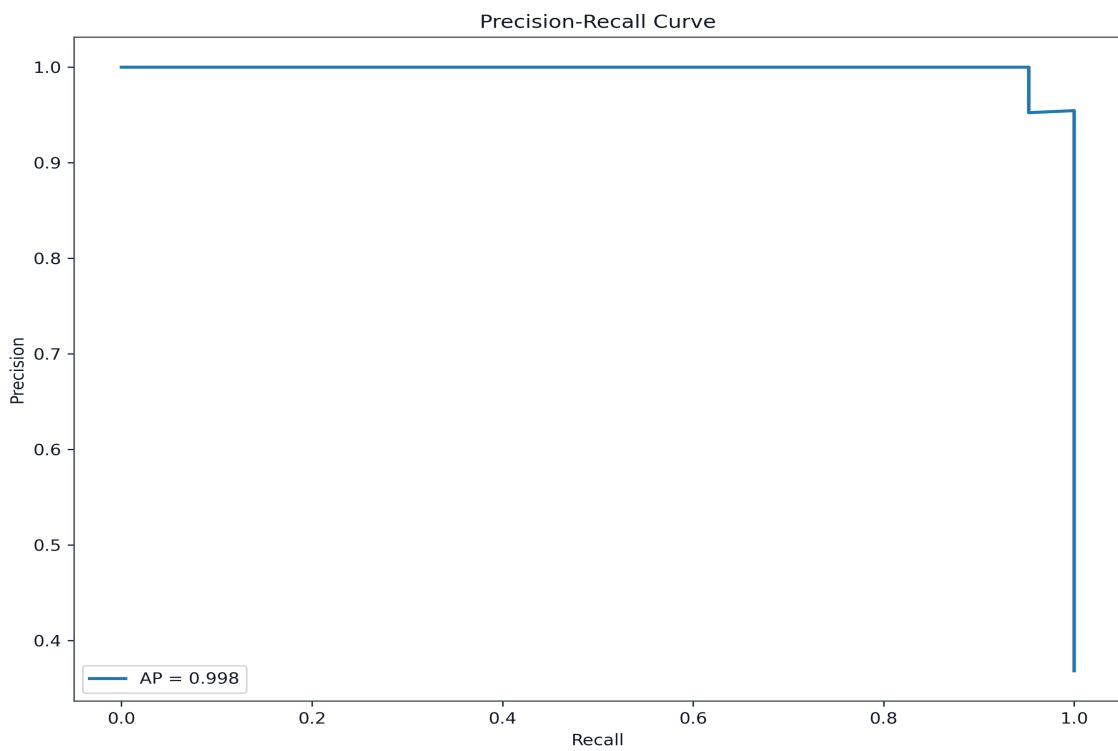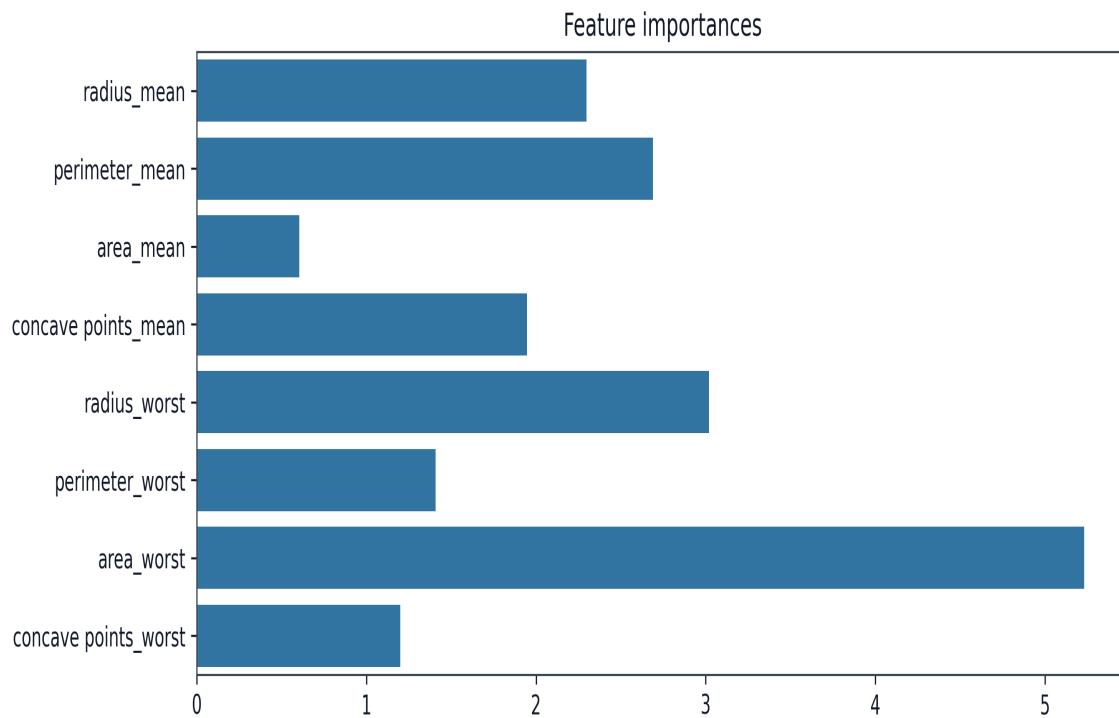
Feature Importances
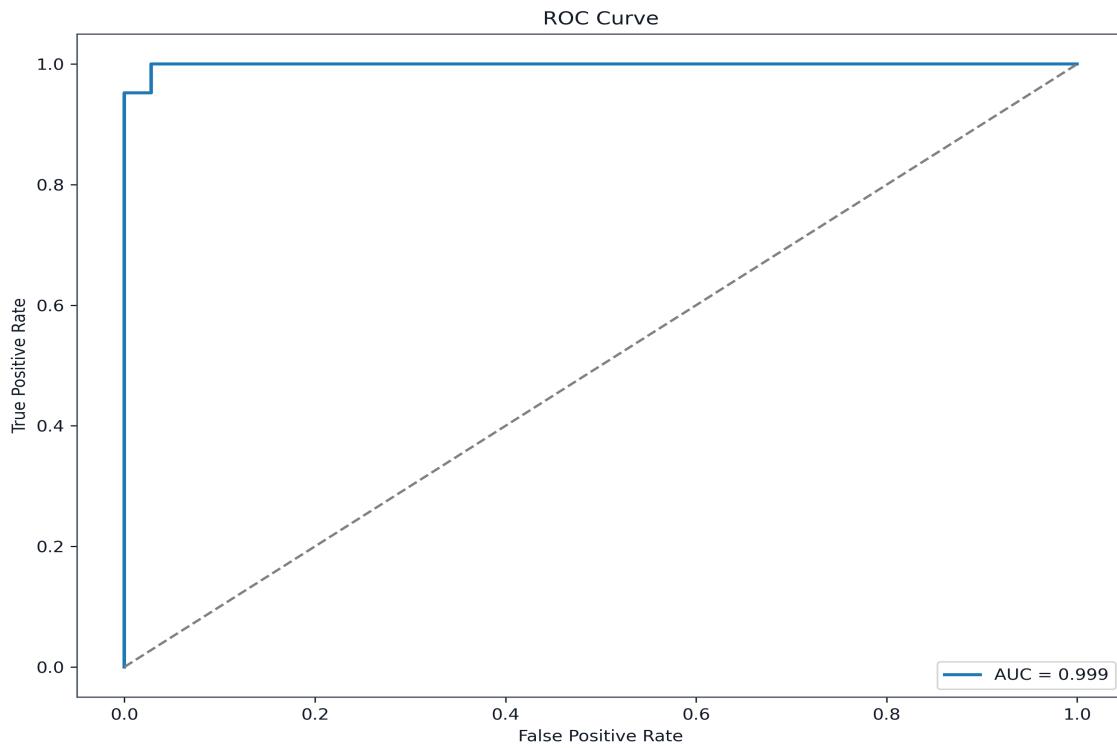
Feature importances
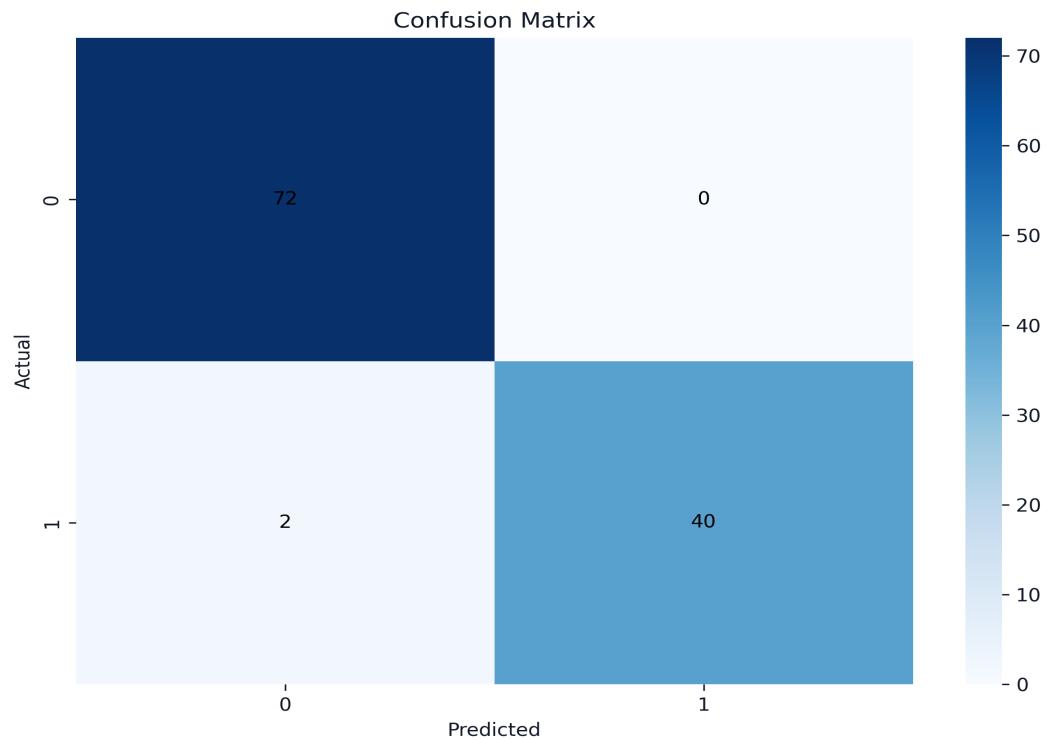
Model: stacking

| Field	Value
Model	stacking
Prediction	None
Probability	None
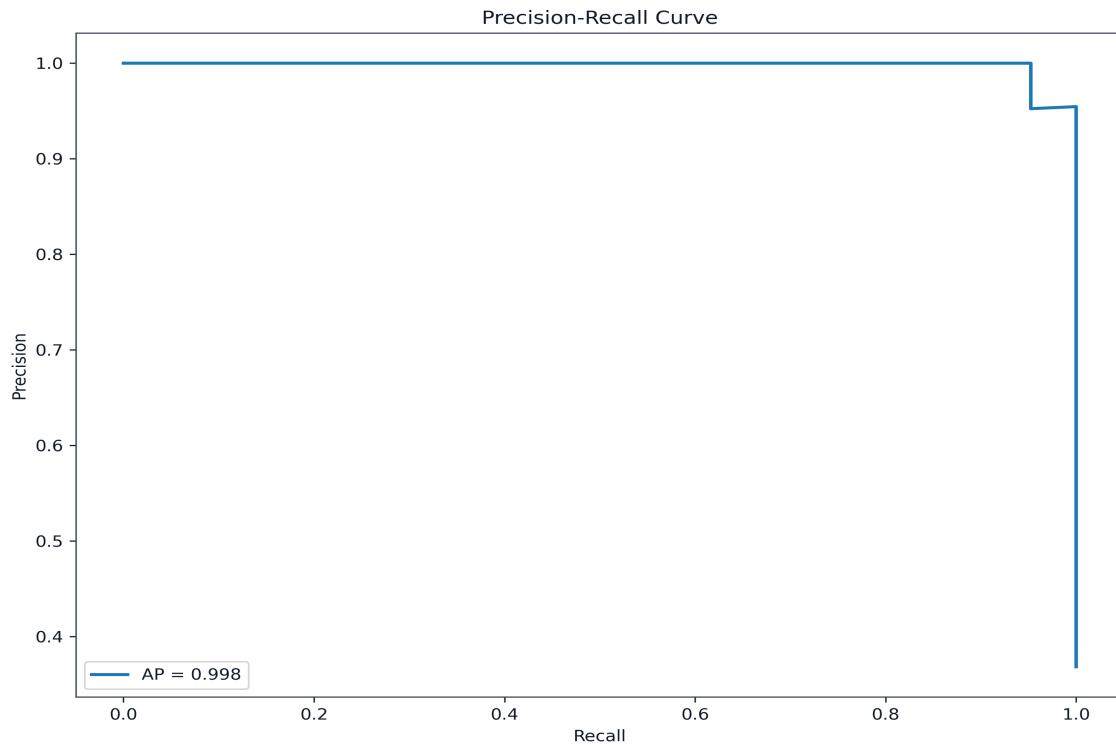
## ROC Curve

Confusion Matrix

Precision-Recall
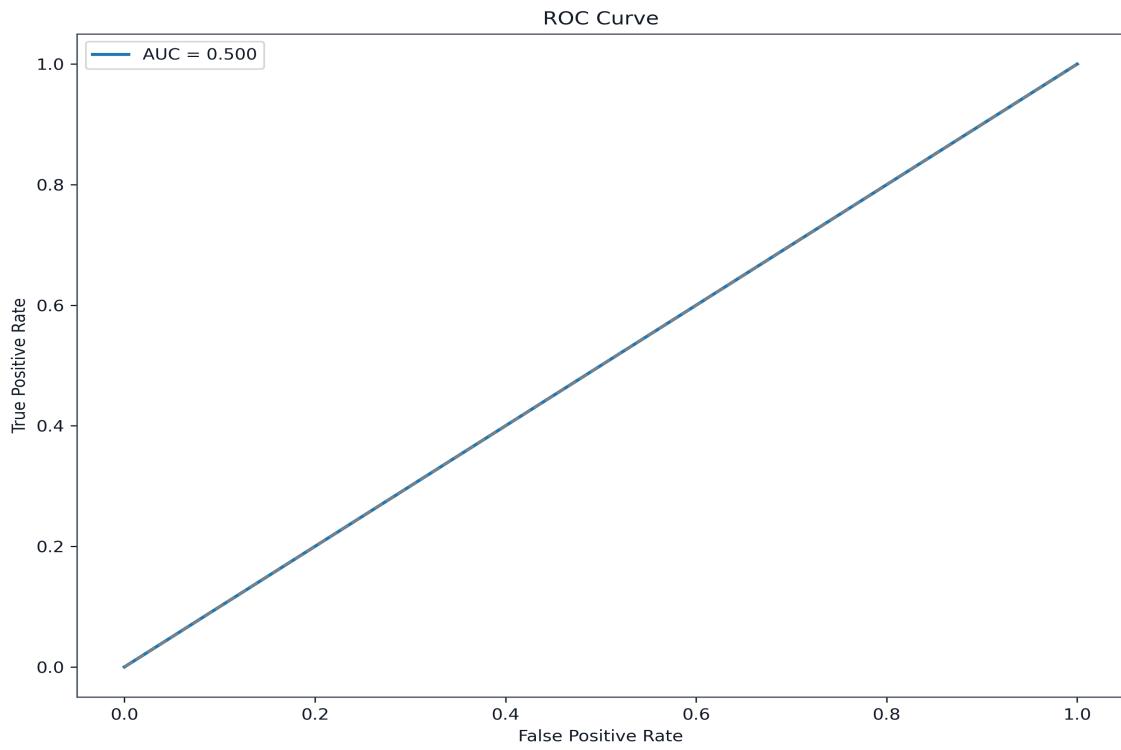
Feature Importances not available for stacking: Feature importance not directly available for stacking ensemble. Use individual base models instead.
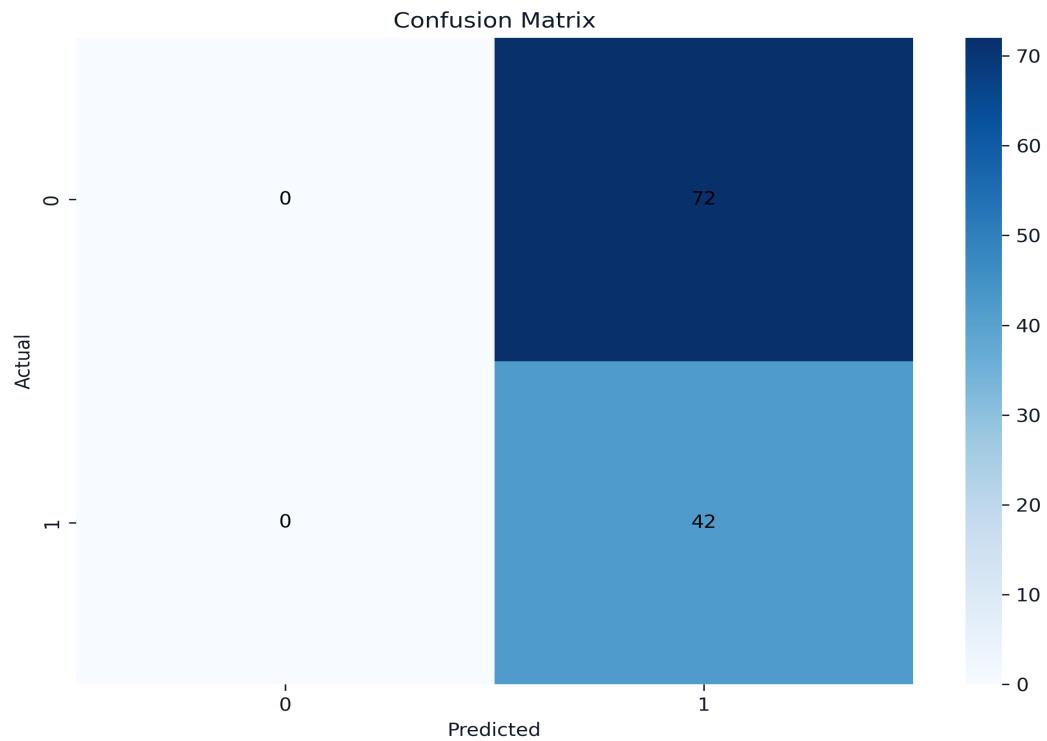
Model: dl

| Field	Value
Model	dl
Prediction	1
Probability	1.0
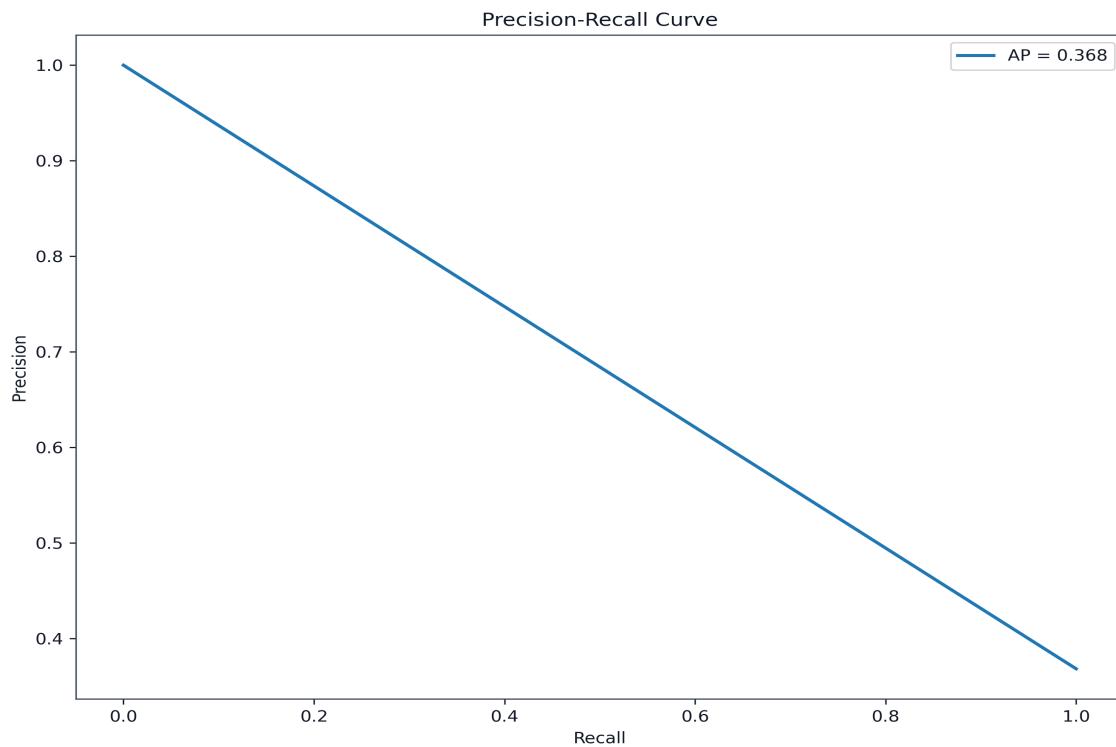
ROC Curve

ROC Curve

Confusion Matrix

Precision-Recall

Feature Importances not available for dl: Feature importance not supported for deep learning models. Consider using SHAP or integrated gradients instead.