

Introduction

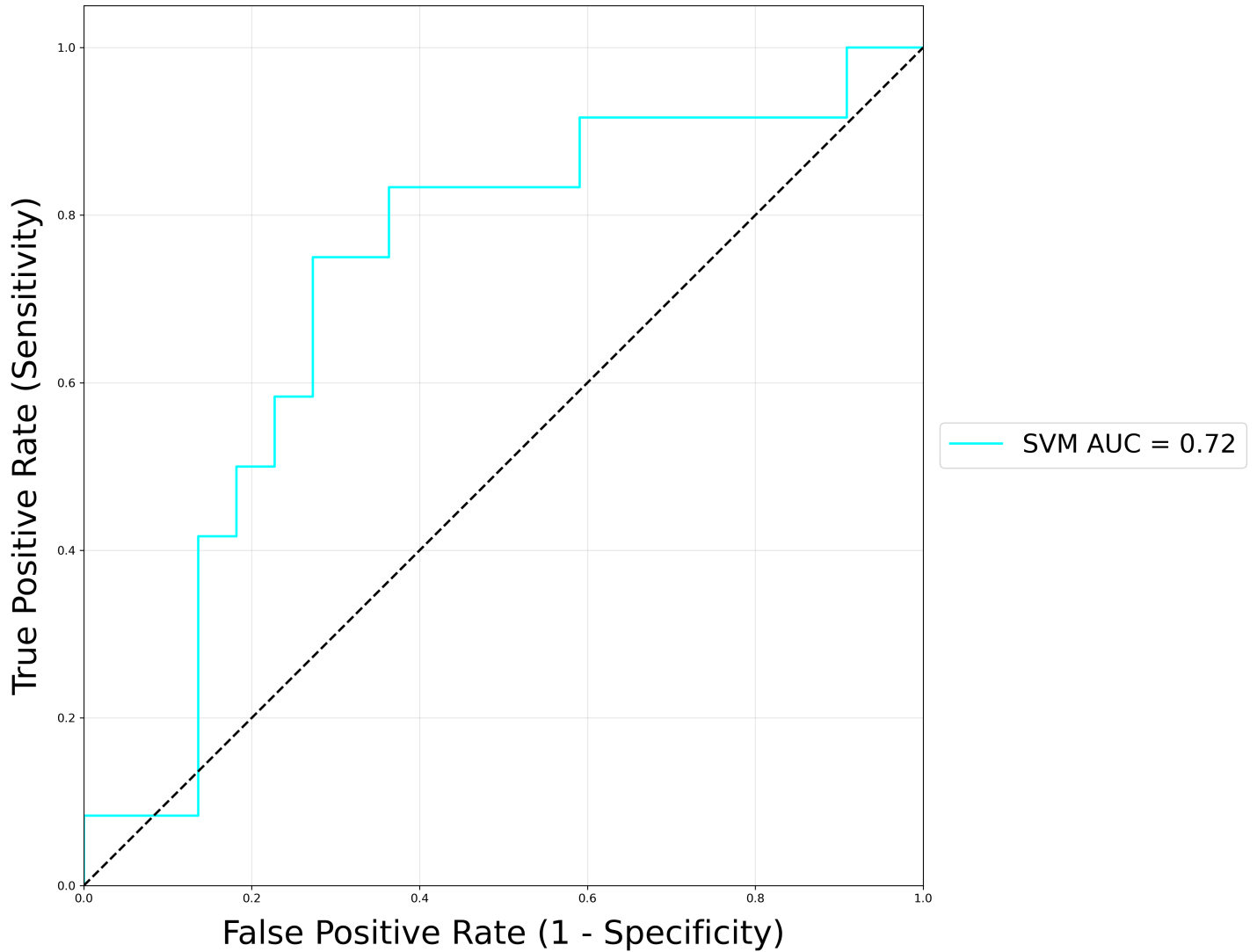
This report provides an analysis of various ML models and their performance metrics. For regression models, it includes evaluation metrics such as MSE, MAE, RMSE, and R2, along with residual plots, actual vs predicted plots, and SHAP plots (summary bar and beeswarm). Additionally, an overall performance chart compares metrics across multiple regression models.

Classification Section

Overall ROC Curves for All Classification Models

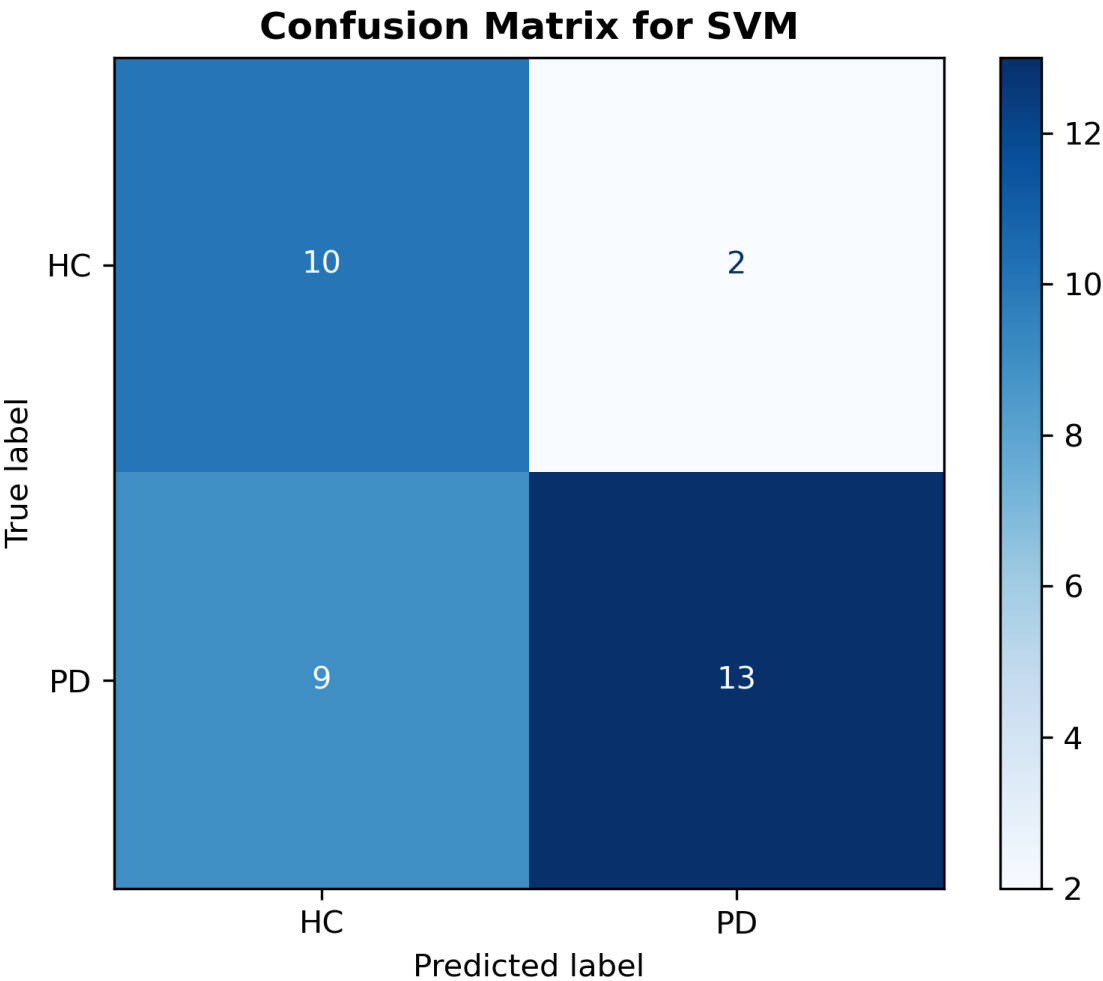
This plot shows the ROC curves for all classification models.

ROC Curves for Selected Models



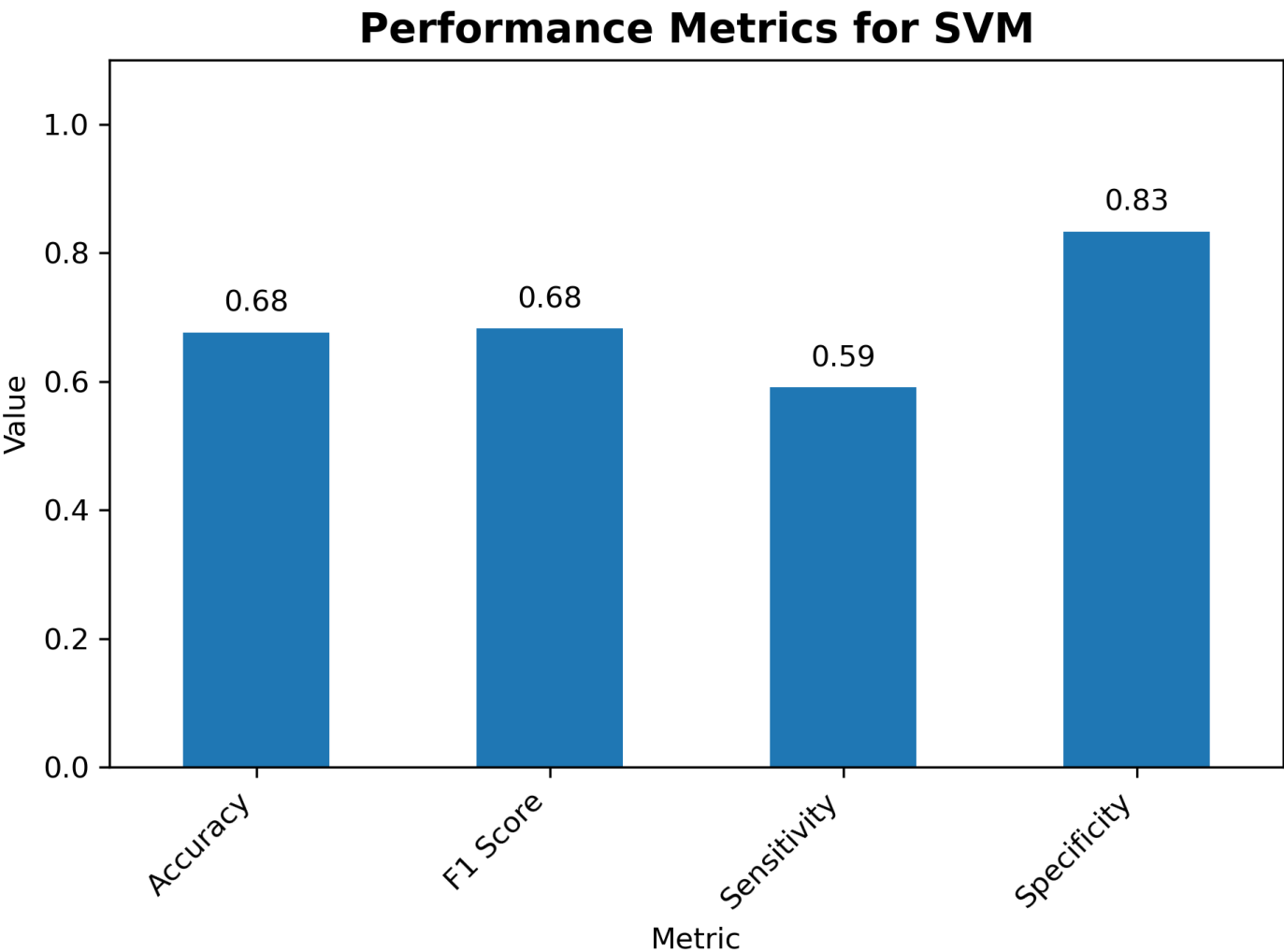
Svm Confusion Matrix

Support Vector Machine (SVM) model performance analysis.



Svm Evaluation Metrics

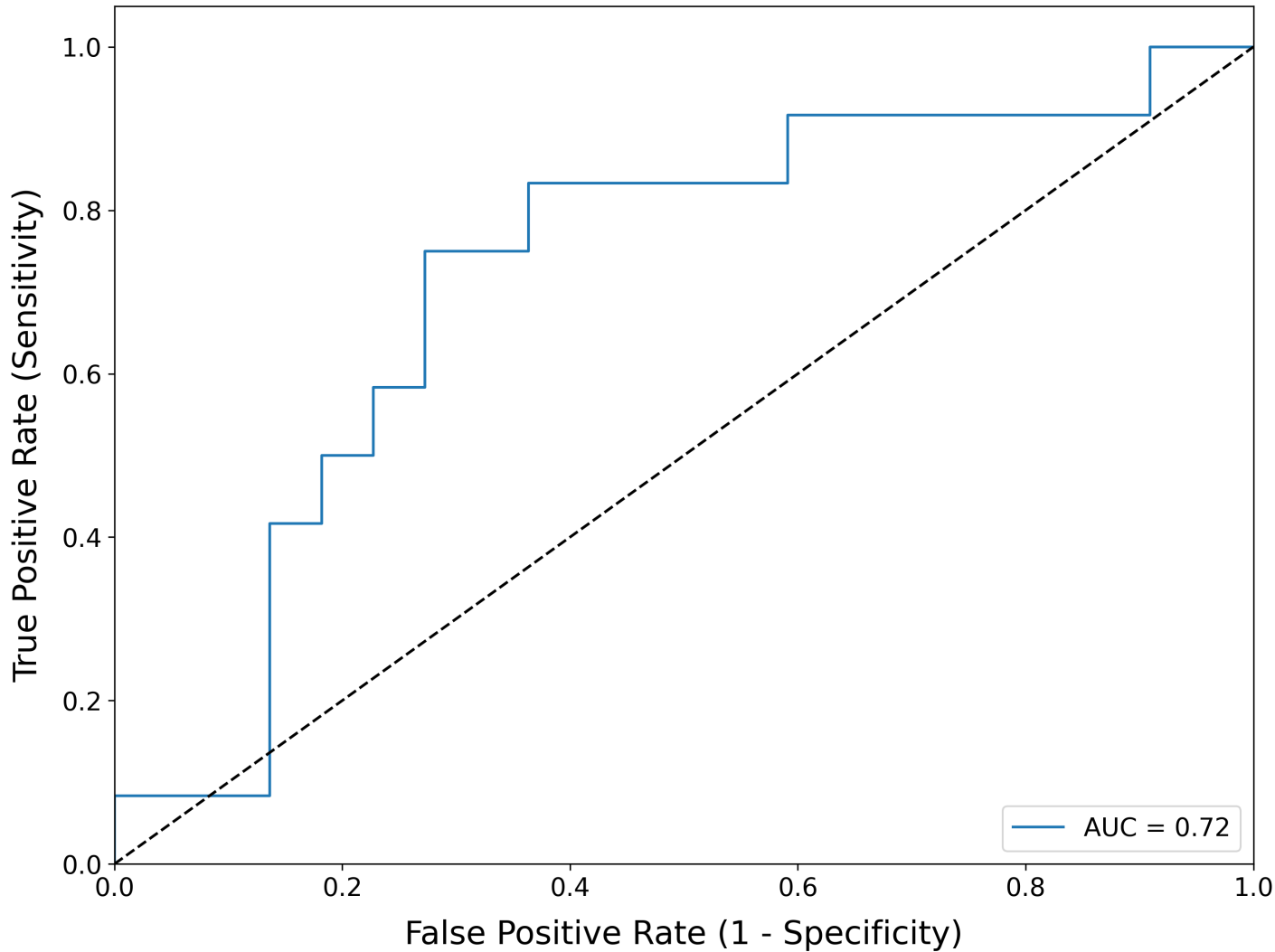
Support Vector Machine (SVM) model performance analysis.



Svm ROC Curve

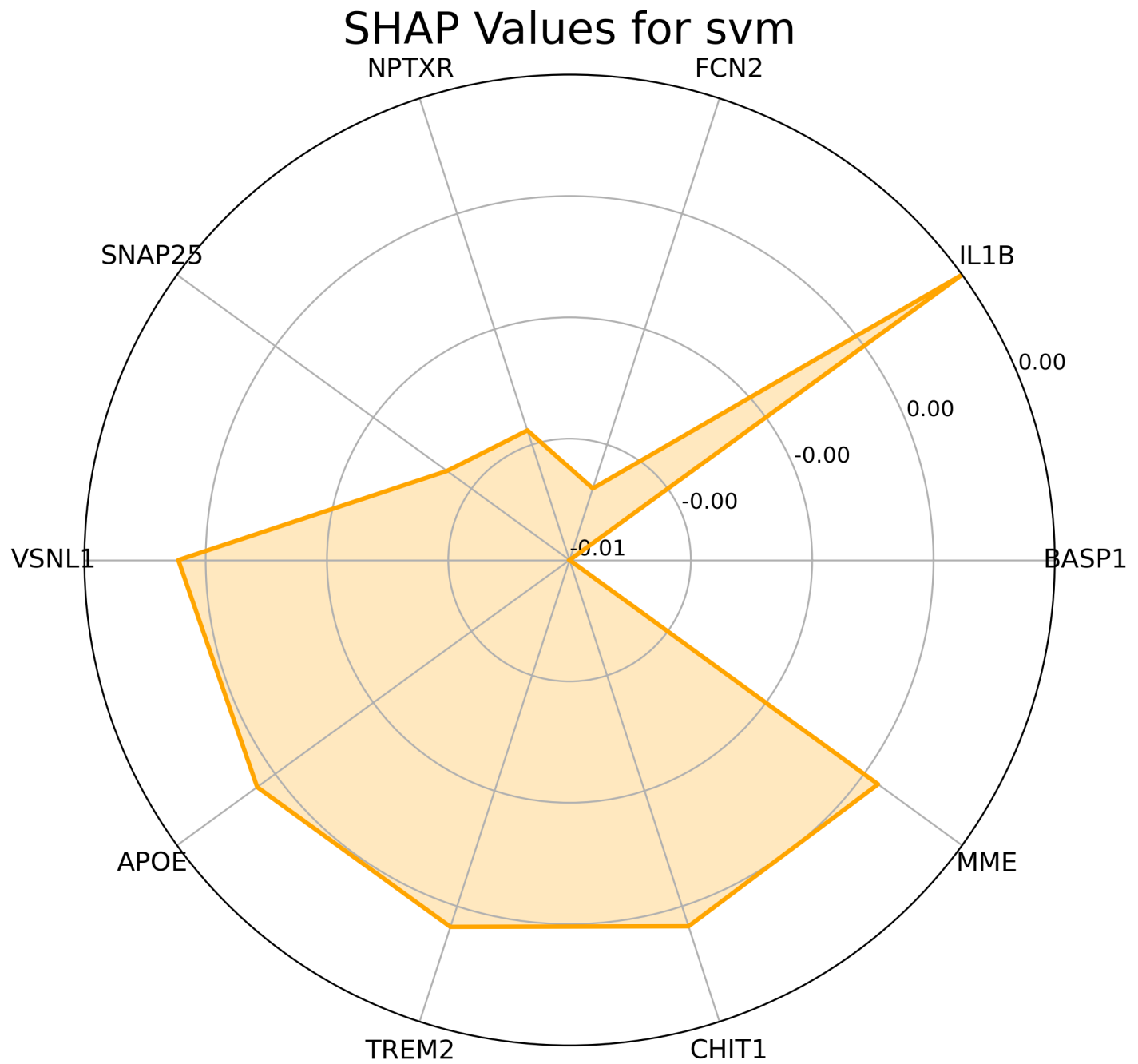
Support Vector Machine (SVM) model performance analysis.

ROC Curves for SVM



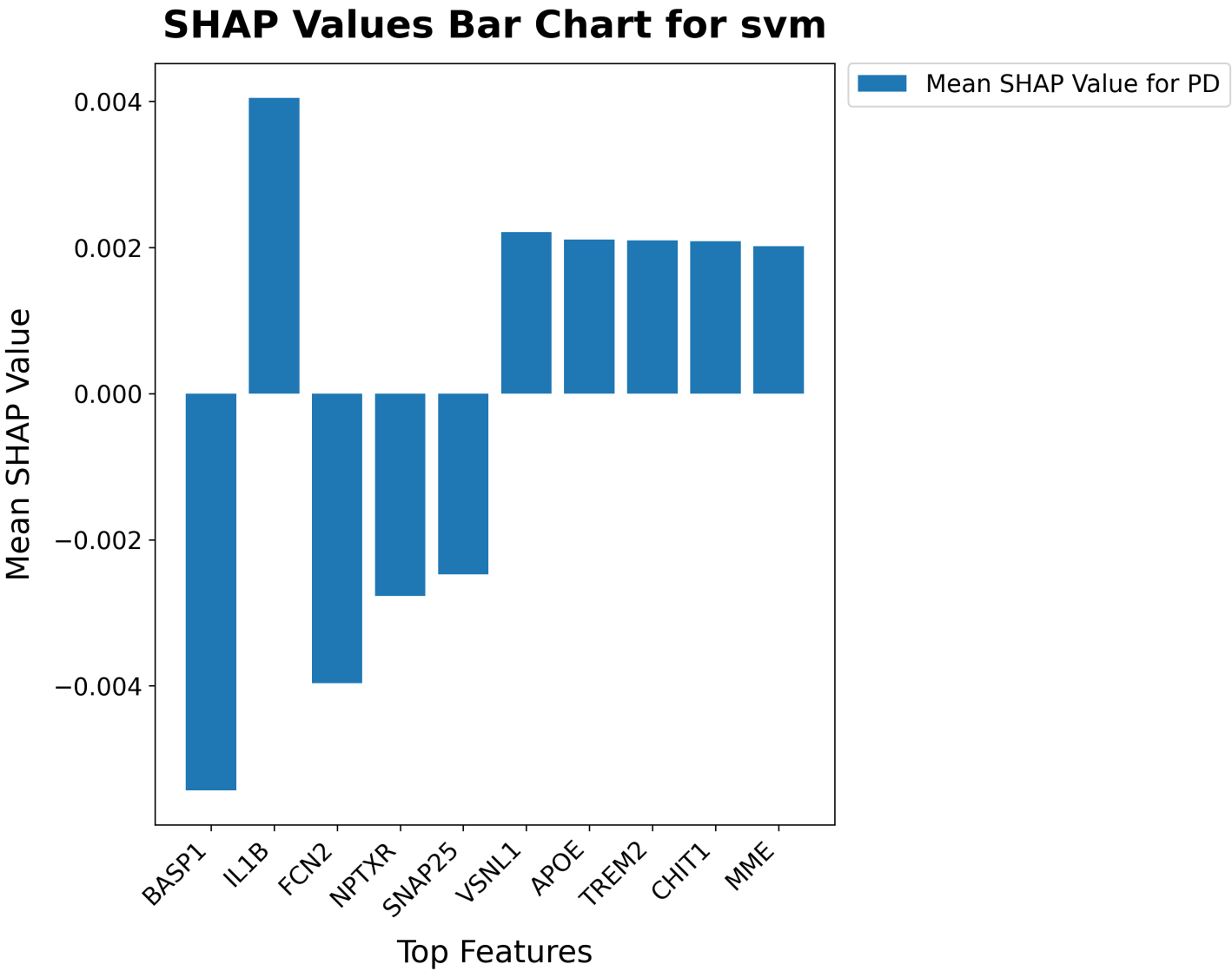
Svm Feature Importance - SHAP Radar Plot

Support Vector Machine (SVM) model performance analysis.



Svm Feature Importance - SHAP Bar Plot for Multiclass

Support Vector Machine (SVM) model performance analysis.



IMCM ML Workflow Analysis Report

Svm Five-Fold Classification Results

Support Vector Machine (SVM) model performance analysis.

F1 and AUC Scores per Outer Fold

