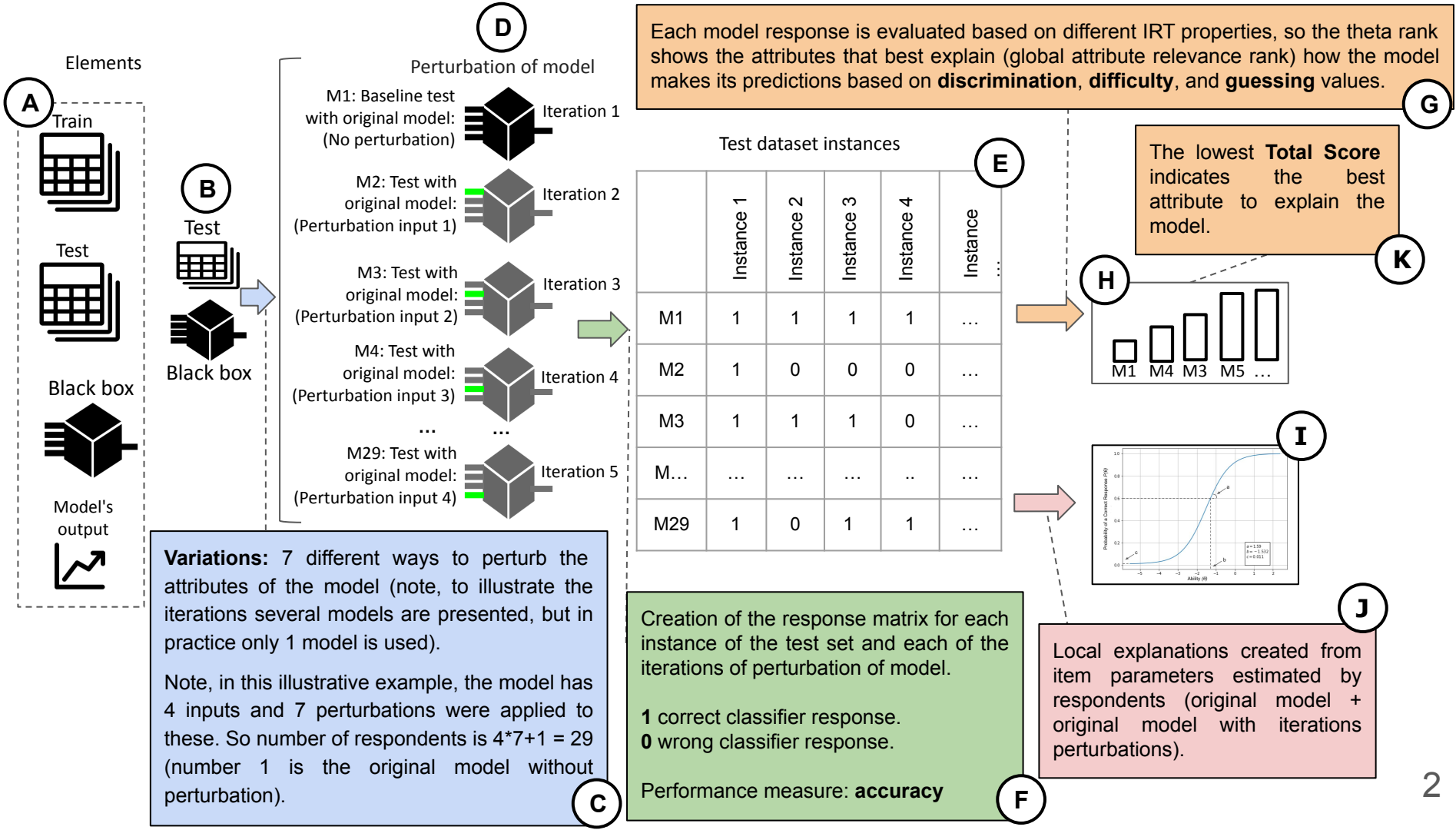
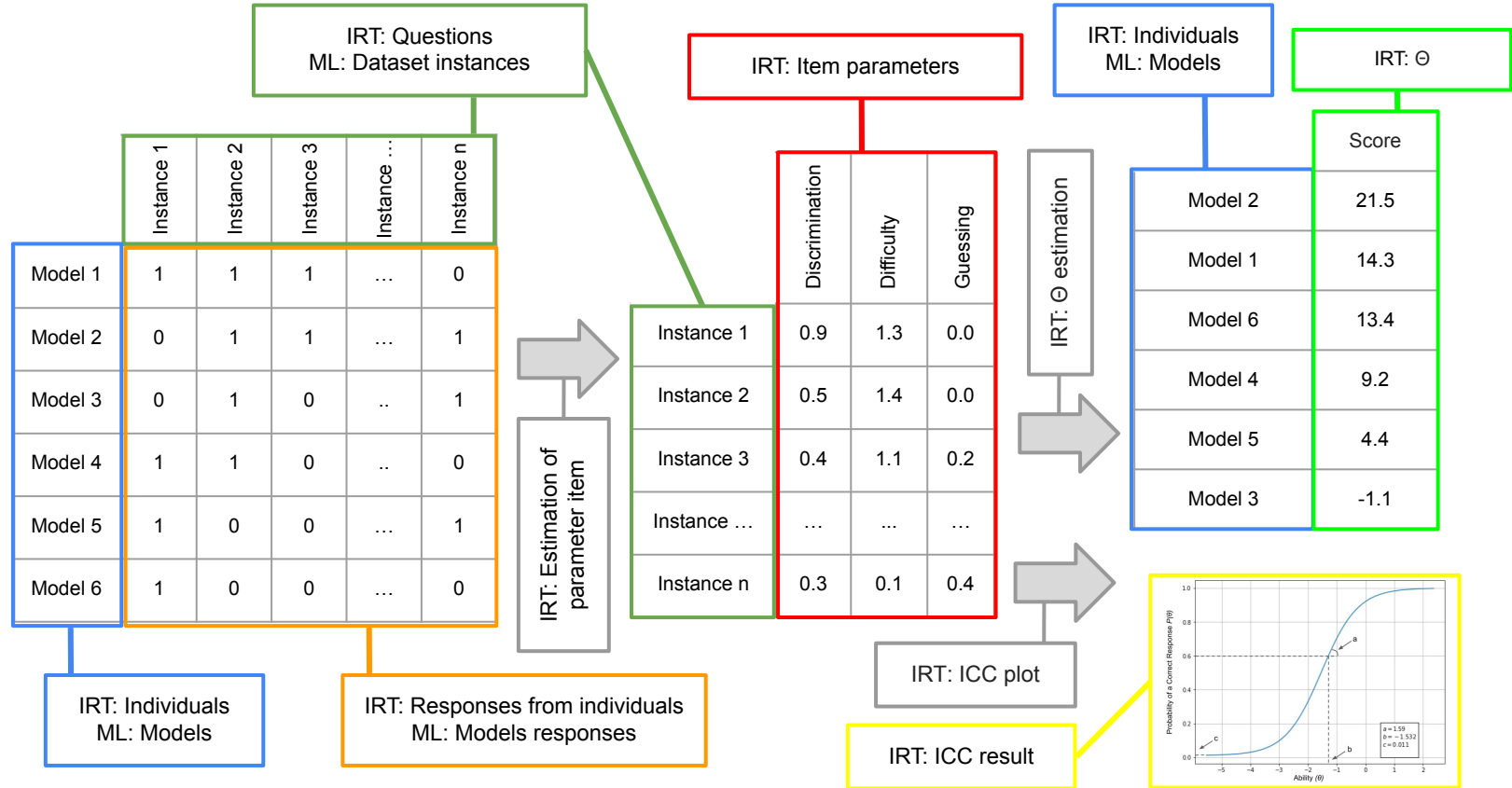


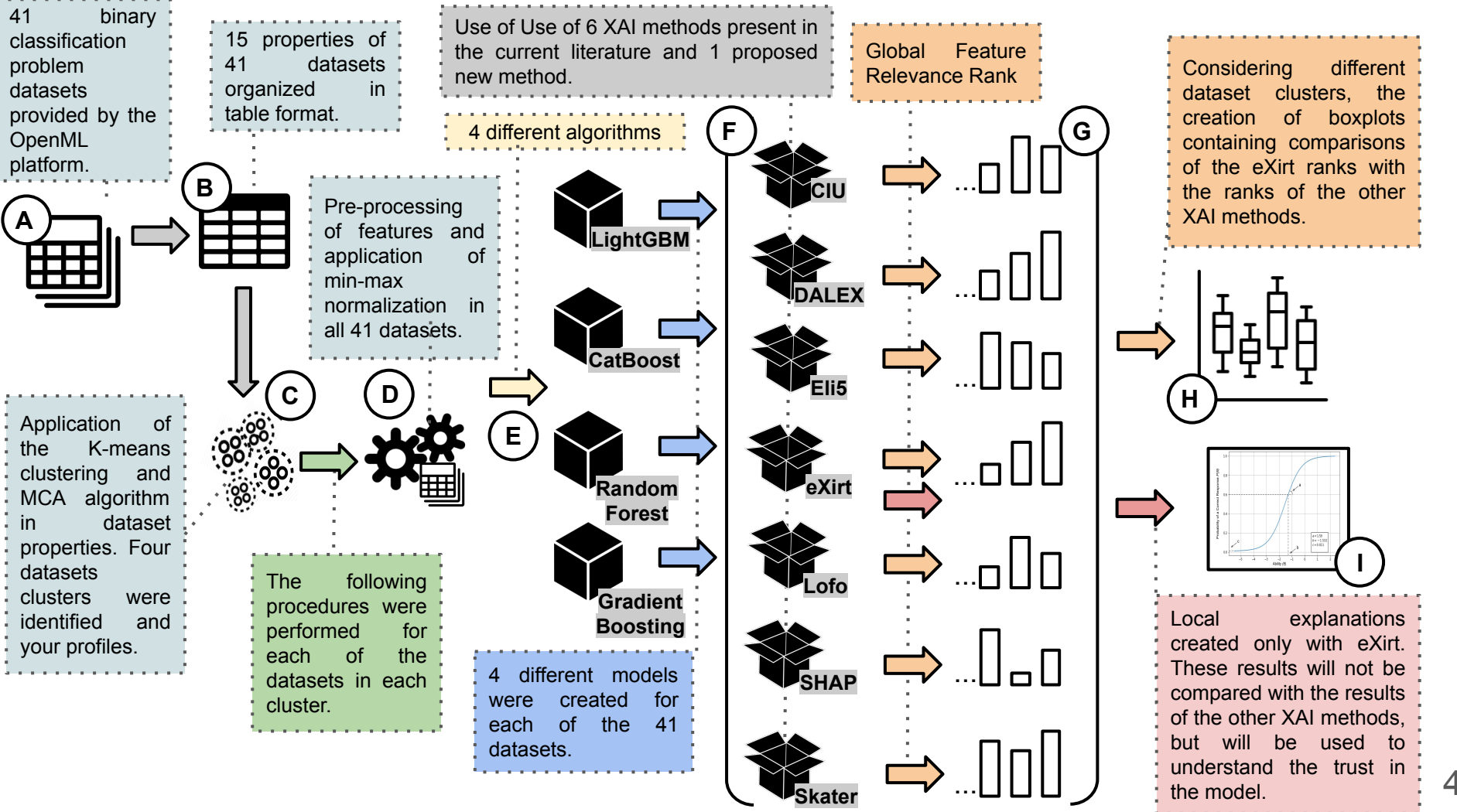
Supplementary Material Based on Illustrations

Paper: Explanations Based on Item Response Theory (eXirt):
A Model-Specific Method to Explain Tree-Ensemble
Model in Trust Perspective



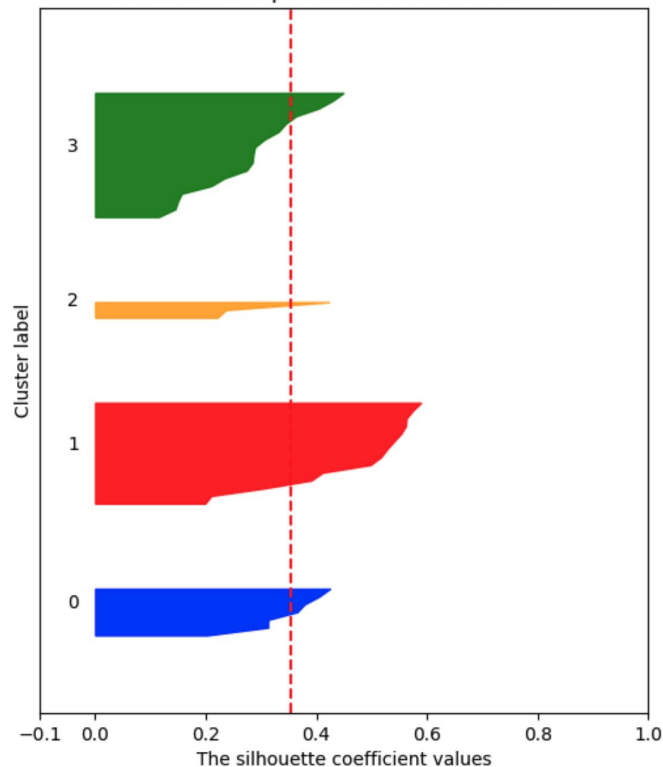
Relationship of the terms of IRT and ML



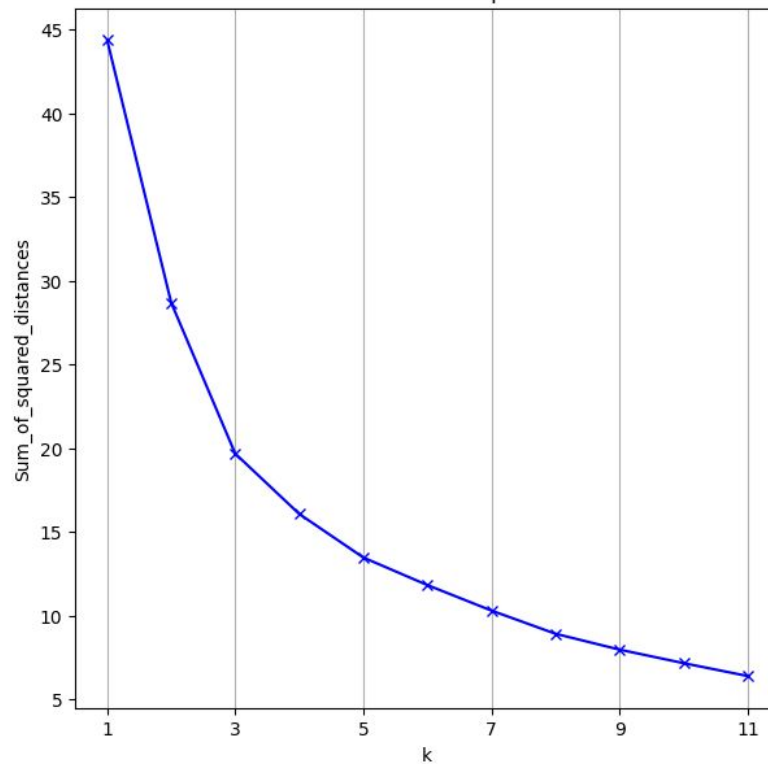


K-size identification of clustering using Silhouette and Elbow

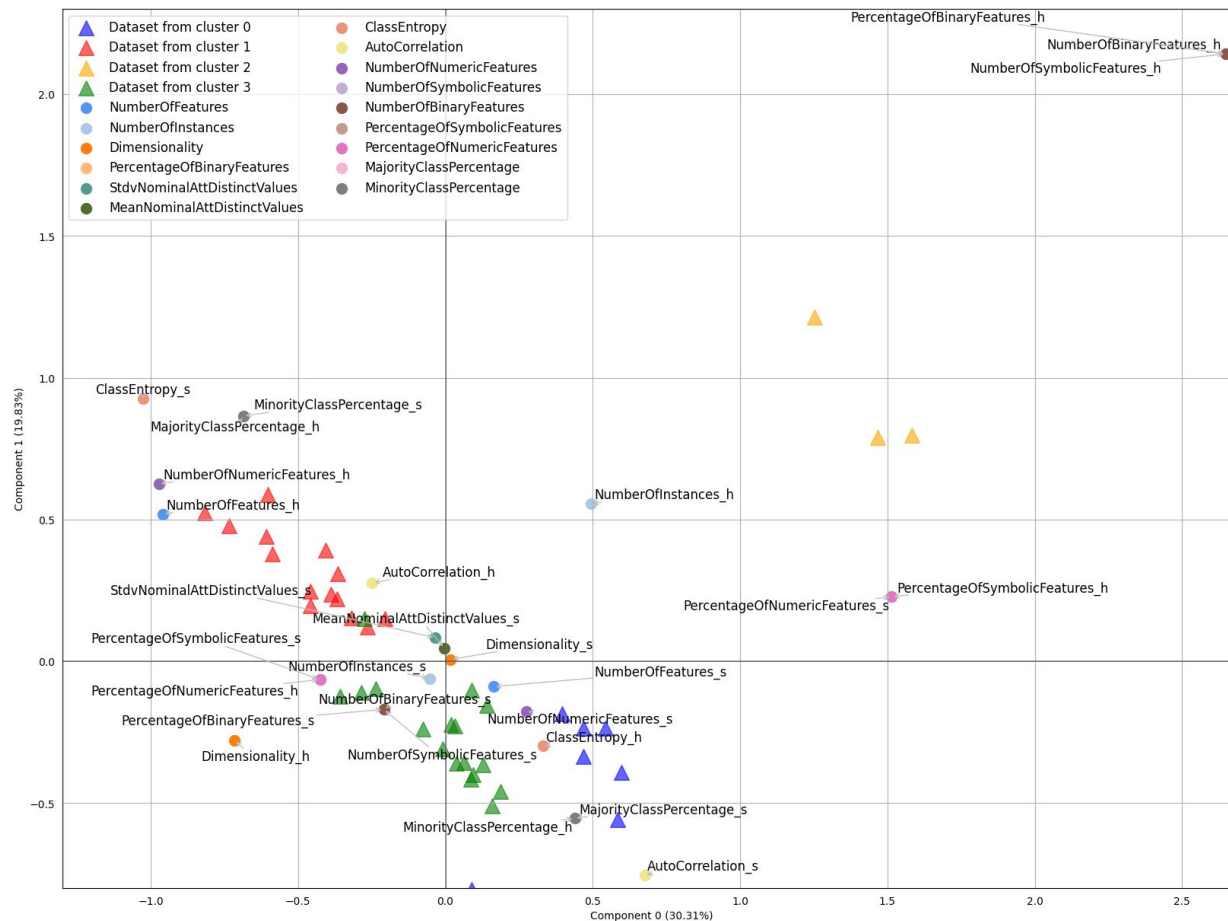
The silhouette plot for the various clusters.



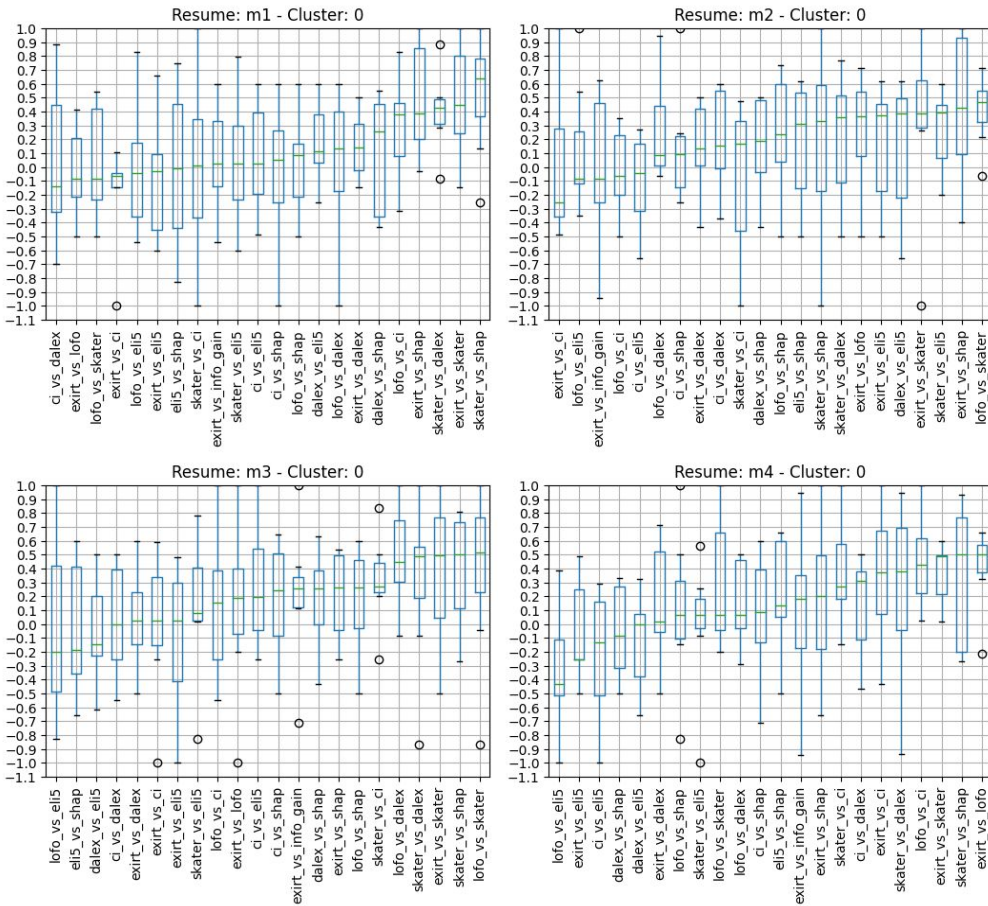
Elbow Method For Optimal k



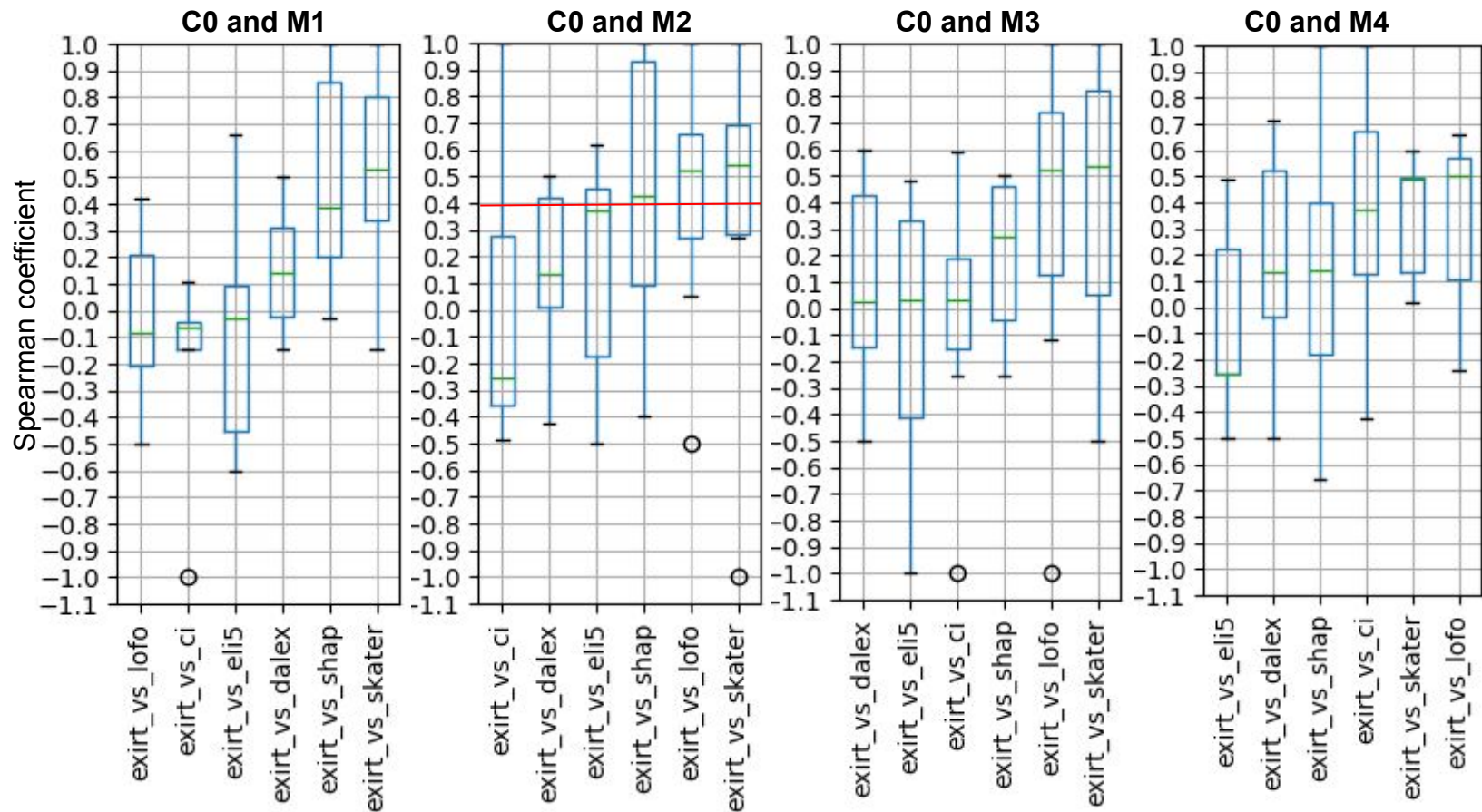
Profiles of datasets identified through Multiple Correspondence Analysis



All pair comparisons of feature relevance ranks for models (M1 to M4) based on cluster 0 datasets

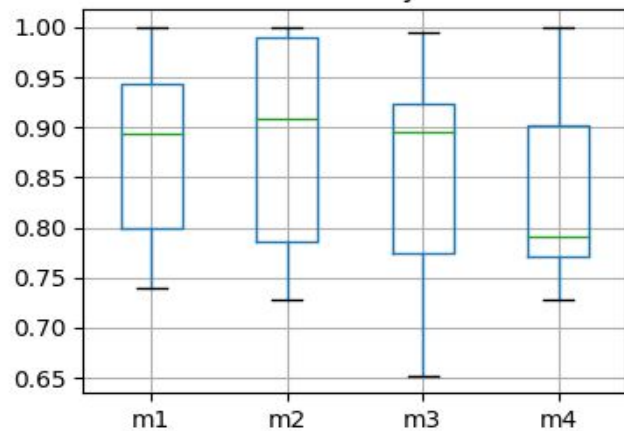


Only *eXirt* comparisons of feature relevance ranks for models (M1 to M4) based on cluster 0 datasets

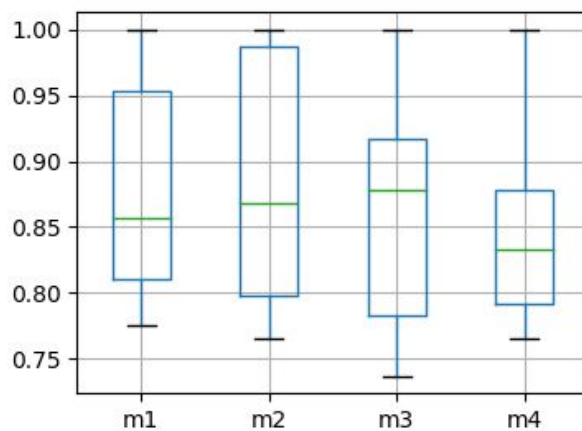


Data regarding the performance of models M1 to M4 based on cluster 0 datasets

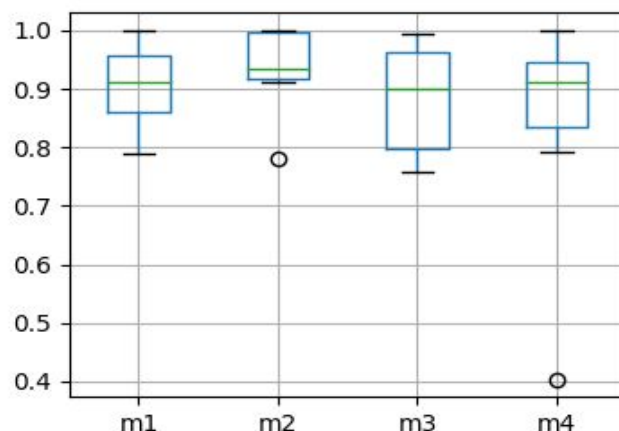
Resume of Accuracy - Cluster: 0



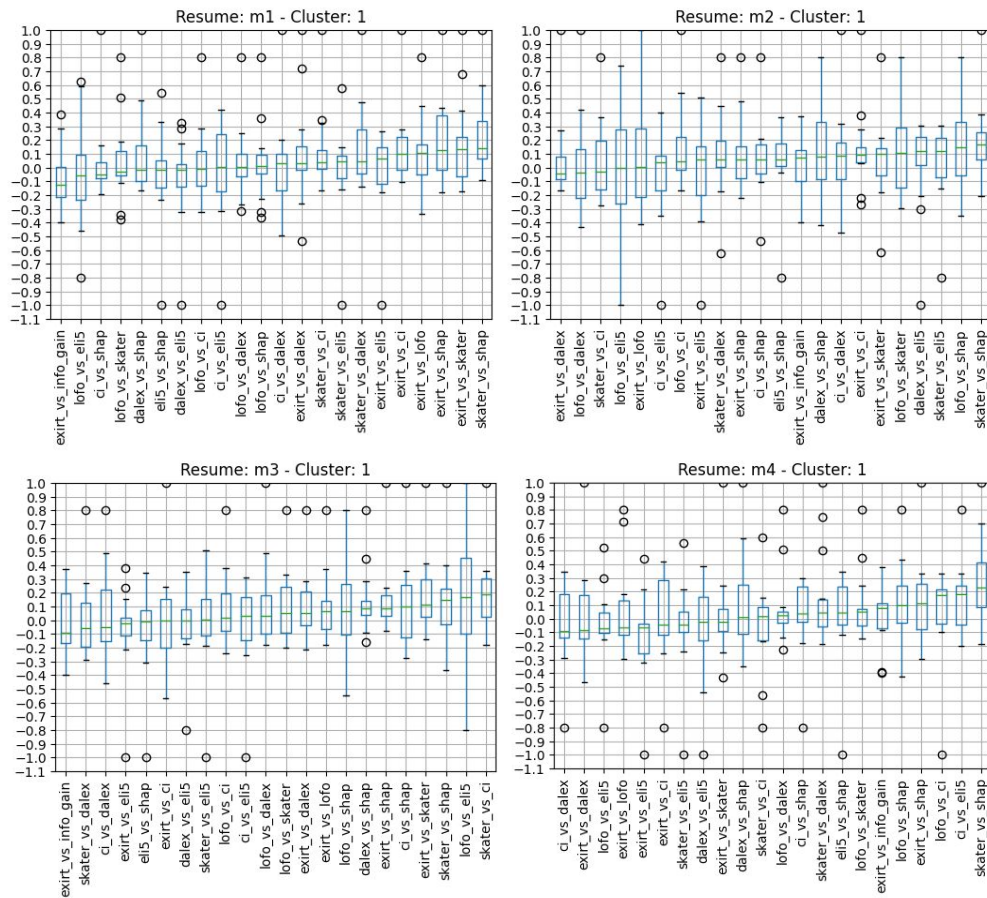
Resume of Precision - Cluster: 0



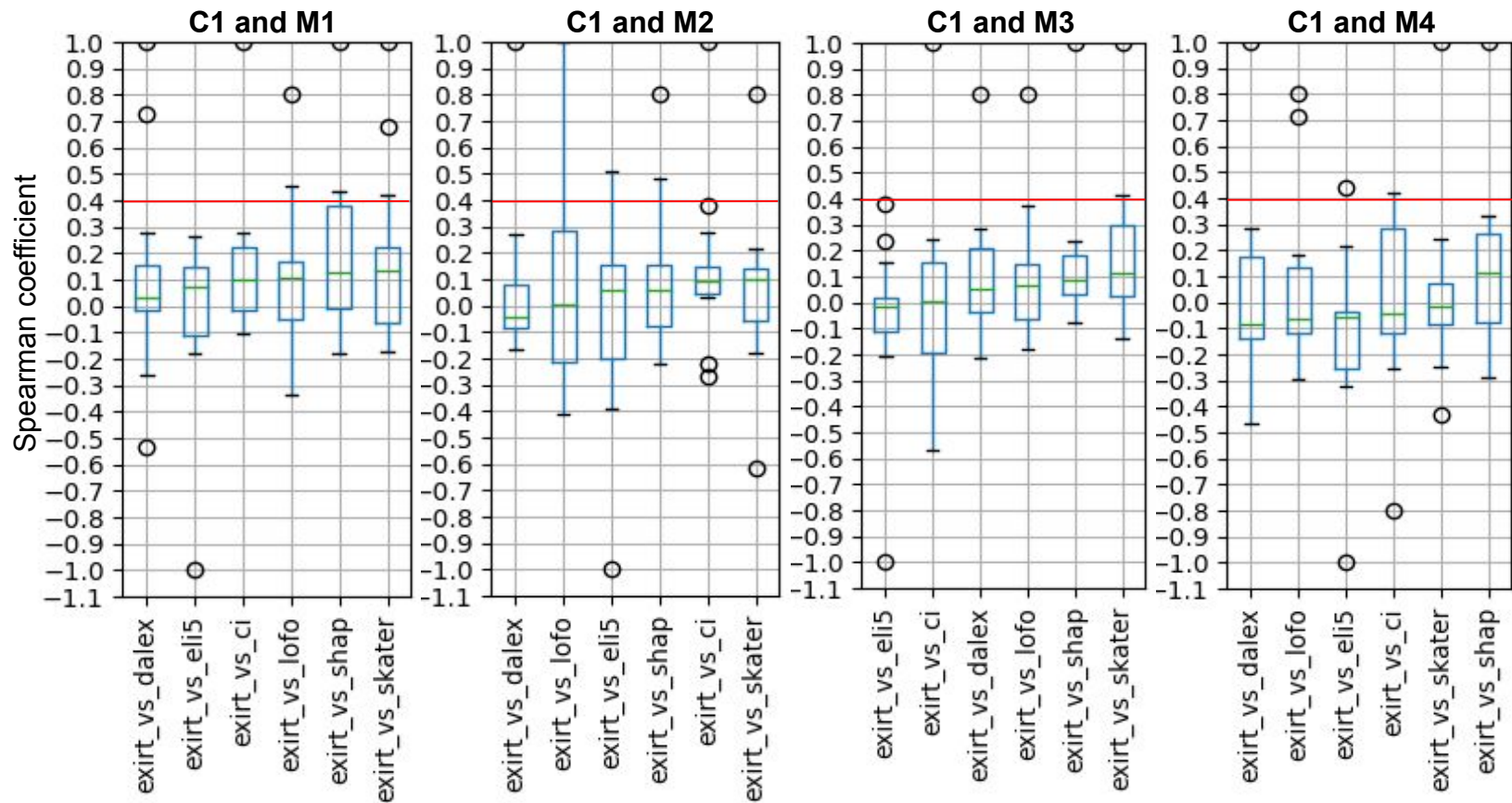
Resume of Recall - Cluster: 0



All pair comparisons of feature relevance ranks for models (M1 to M4) based on cluster 1 datasets

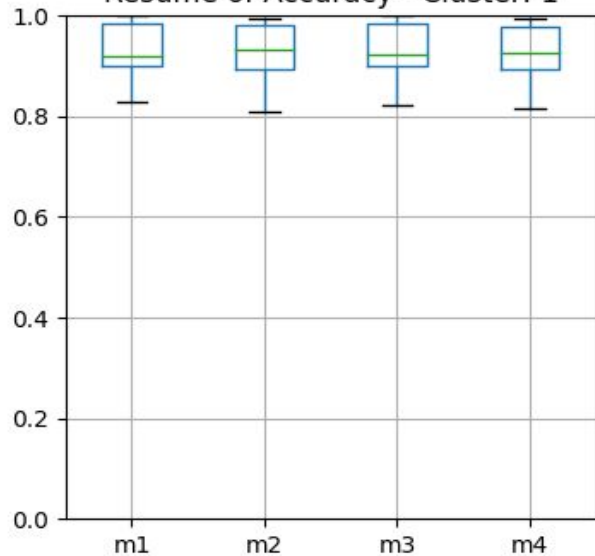


Only *eXirt* comparisons of feature relevance ranks for models (M1 to M4) based on cluster 1 datasets

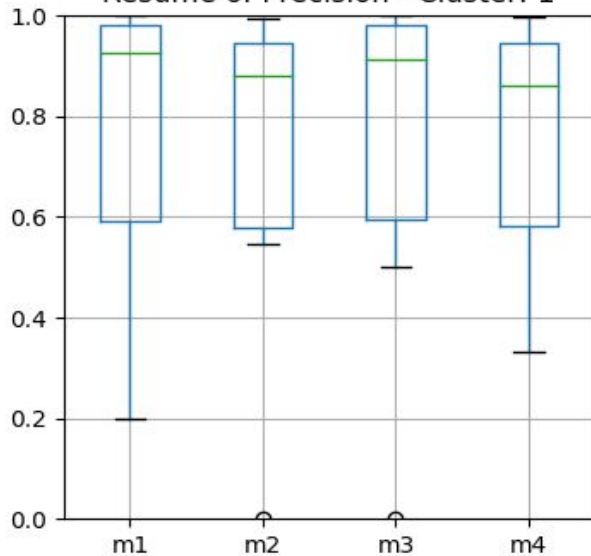


Data regarding the performance of models M1 to M4 based on cluster 1 datasets

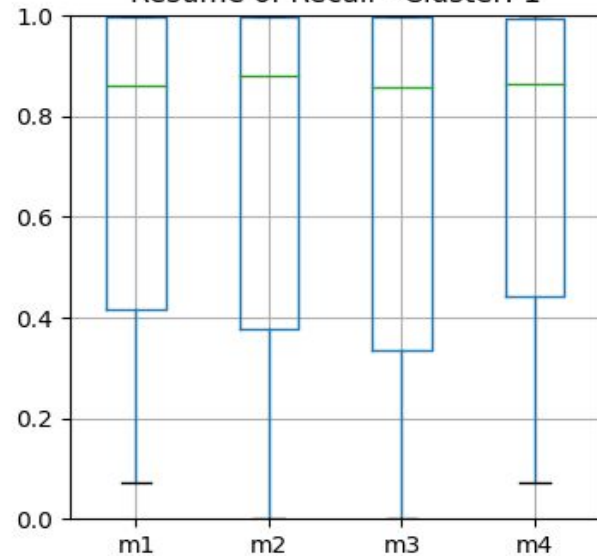
Resume of Accuracy - Cluster: 1



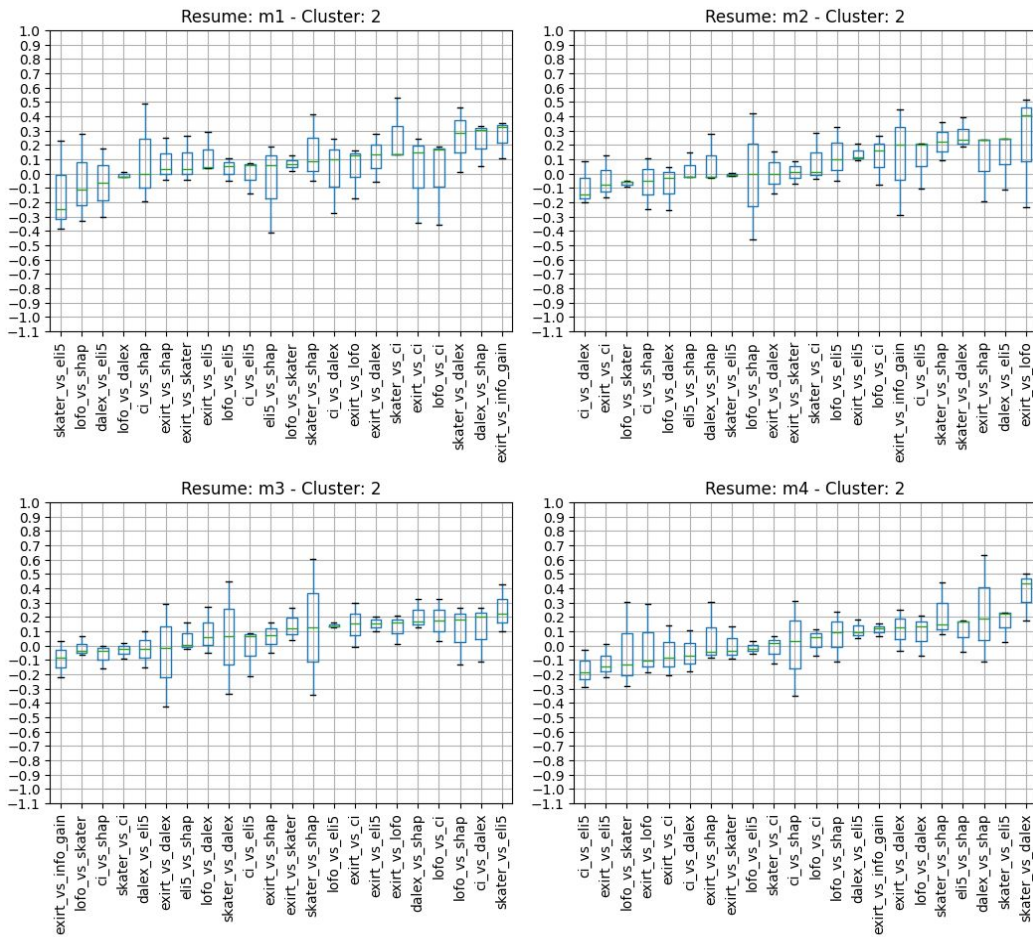
Resume of Precision - Cluster: 1



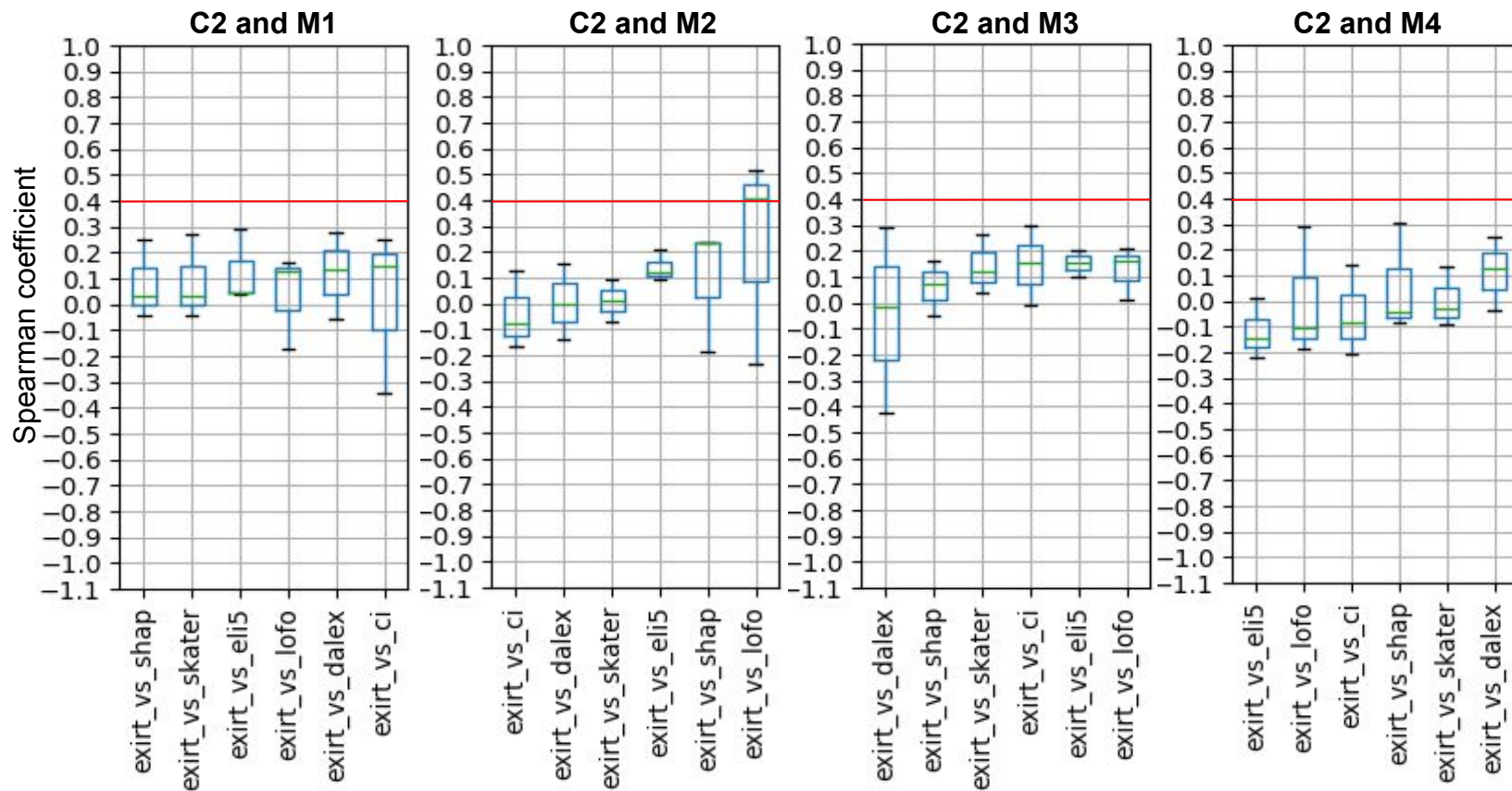
Resume of Recall - Cluster: 1



All pair comparisons of feature relevance ranks for models (M1 to M4) based on cluster 2 datasets

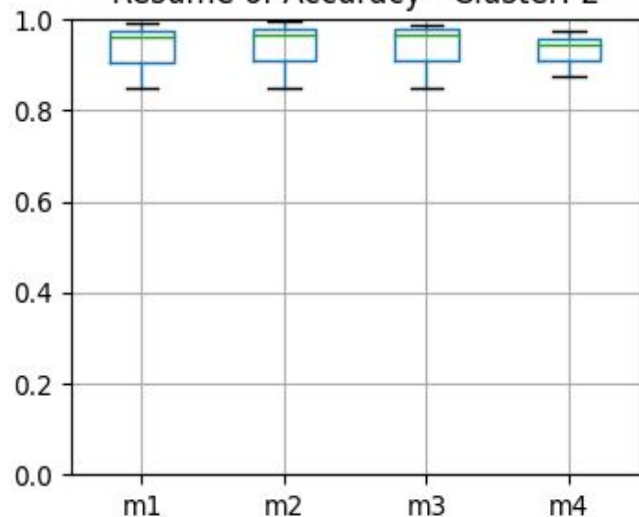


Only *eXirt* comparisons of feature relevance ranks for models (M1 to M4) based on cluster 2 datasets

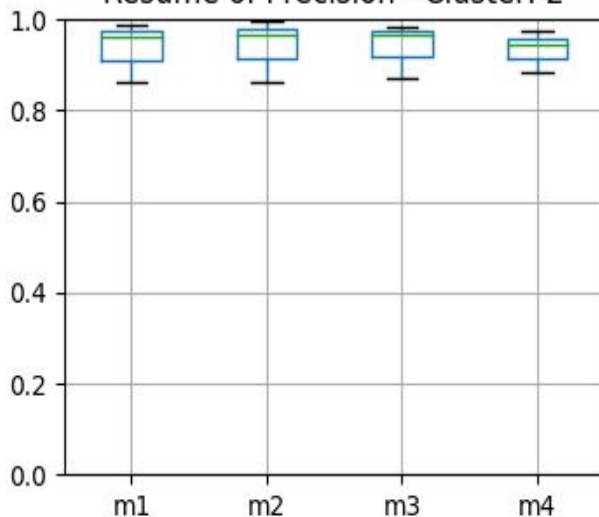


Data regarding the performance of models M1 to M4 based on cluster 1 datasets

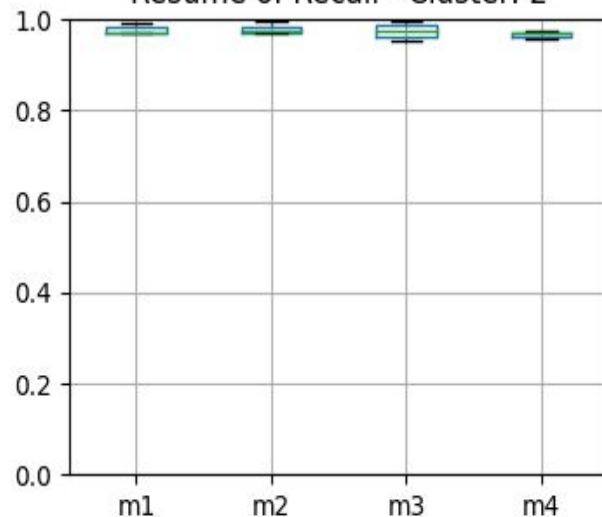
Resume of Accuracy - Cluster: 2



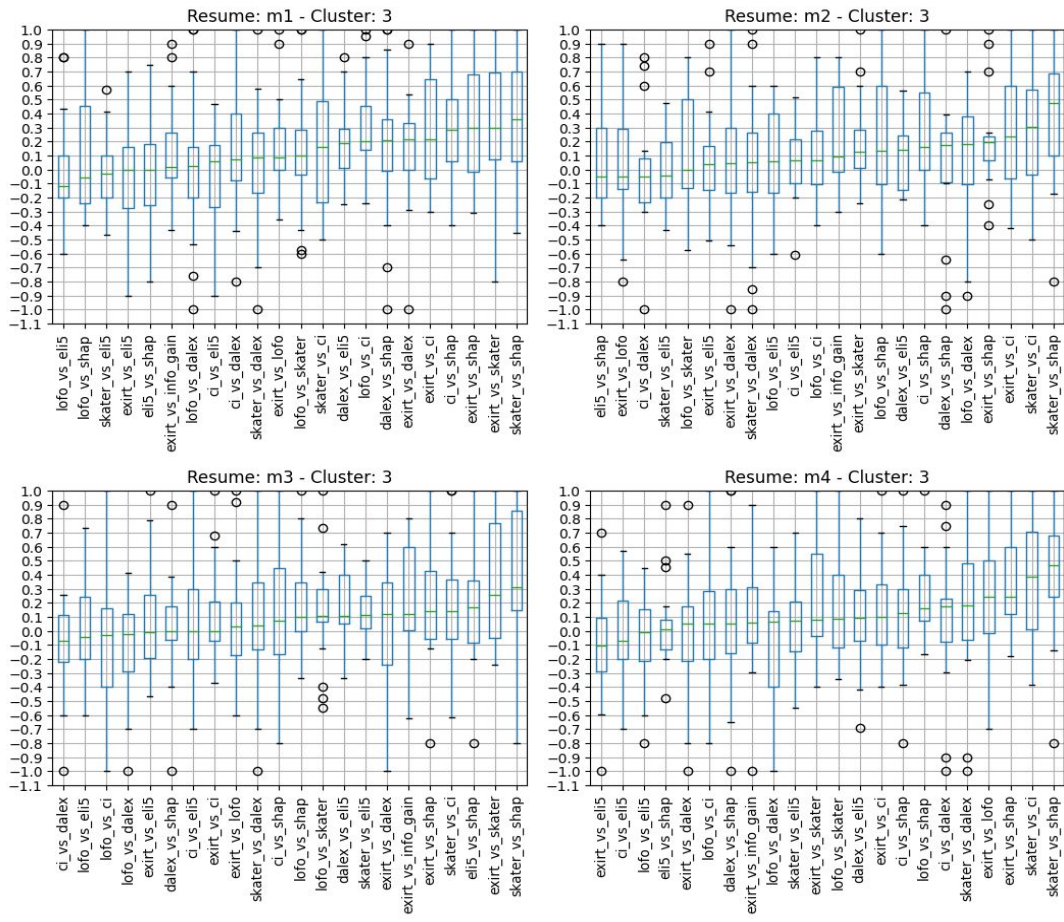
Resume of Precision - Cluster: 2



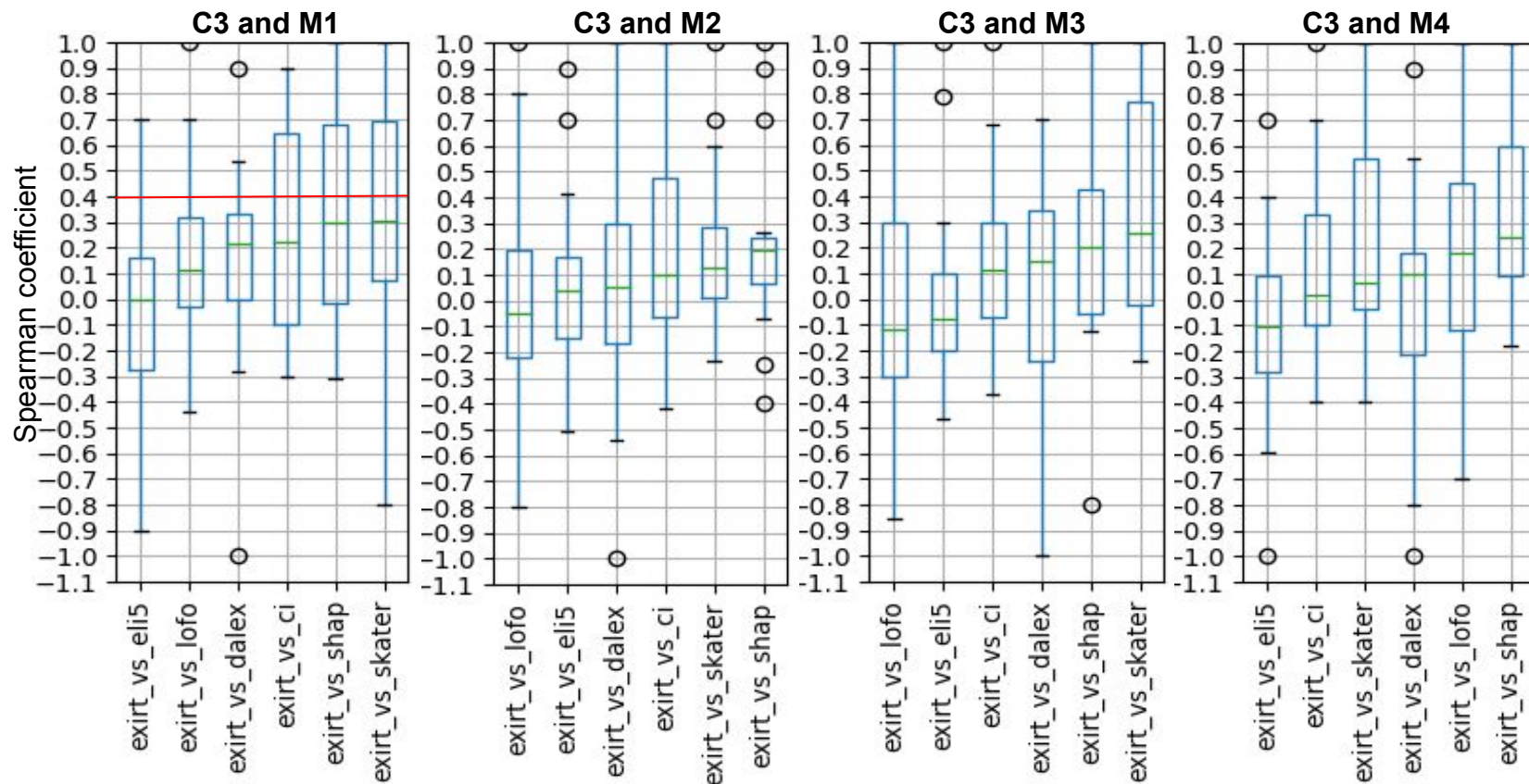
Resume of Recall - Cluster: 2



All pair comparisons of feature relevance ranks for models (M1 to M4) based on cluster 3 datasets

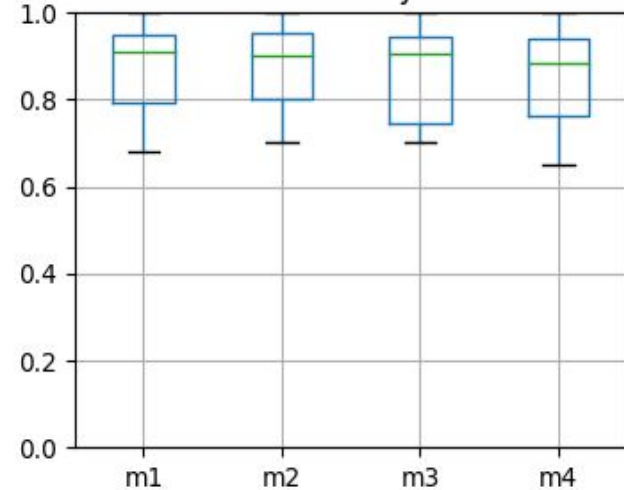


Only *eXirt* comparisons of feature relevance ranks for models (M1 to M4) based on cluster 3 datasets

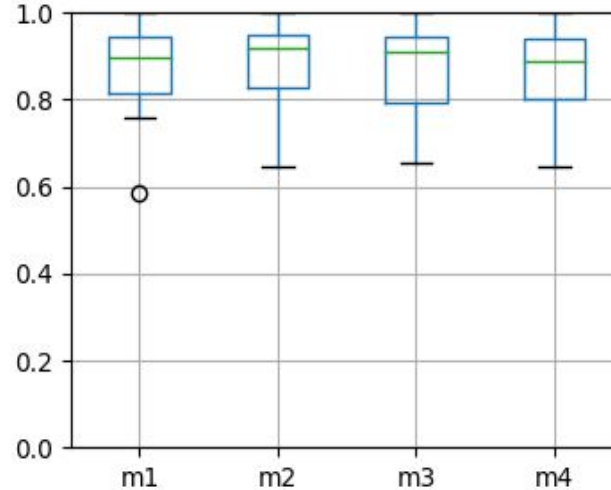


Data regarding the performance of models M1 to M4 based on cluster 3 datasets

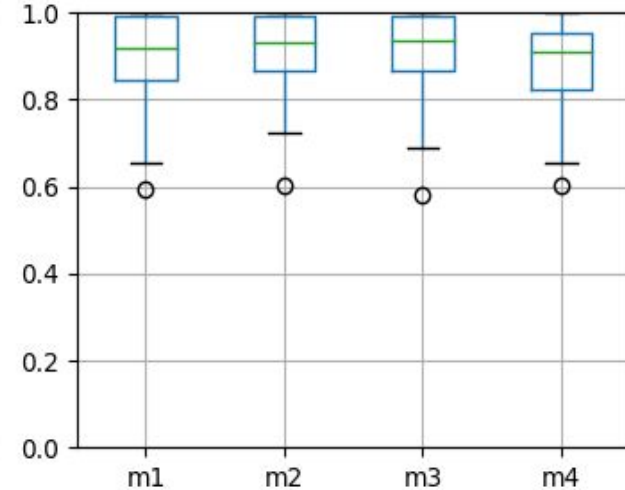
Resume of Accuracy - Cluster: 3



Resume of Precision - Cluster: 3



Resume of Recall - Cluster: 3



Item Characteristic Curve of the credit-g dataset (test) for models M1 to M4

