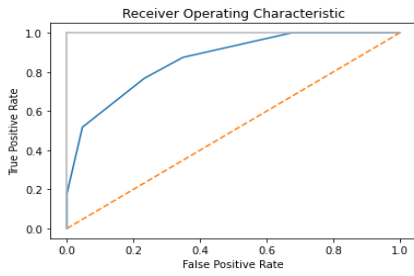
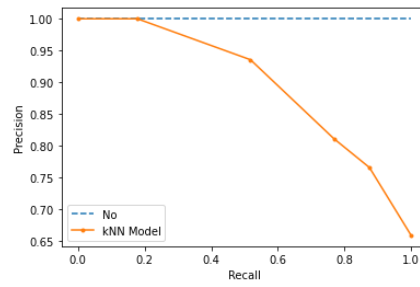


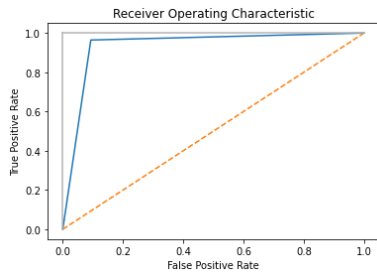
Appendix 1. A Comparison of PR and ROC Curves in without feature selection methods



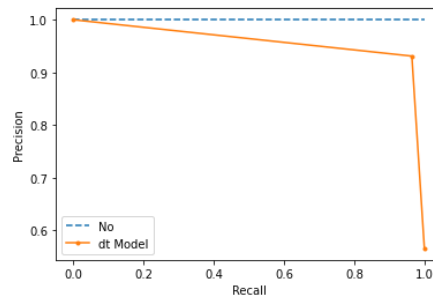
kNN-ROC



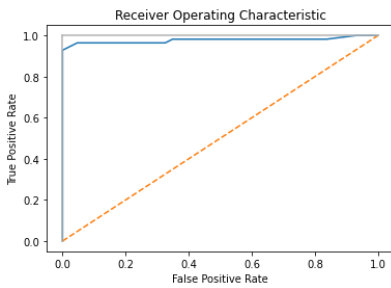
kNN-PR



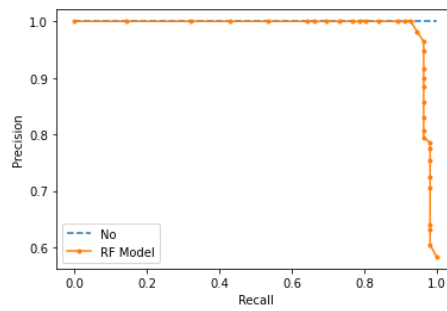
DT-ROC



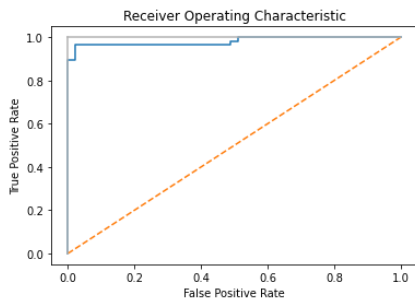
DT-PR



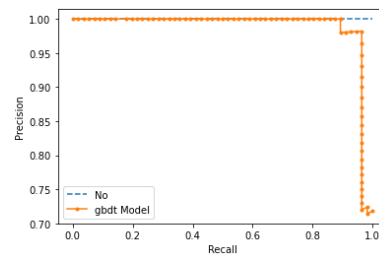
RF-ROC



RF-PR

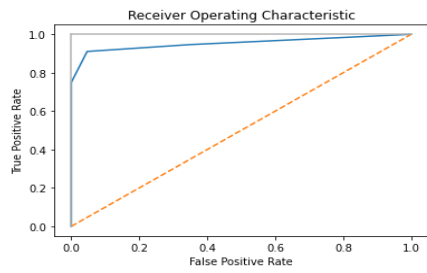


GBDT-ROC

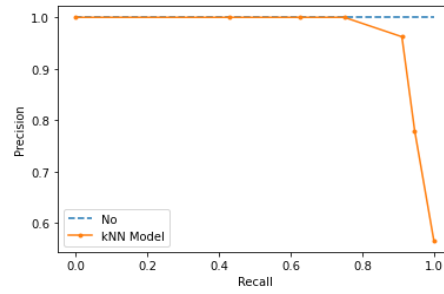


GBDT-PR

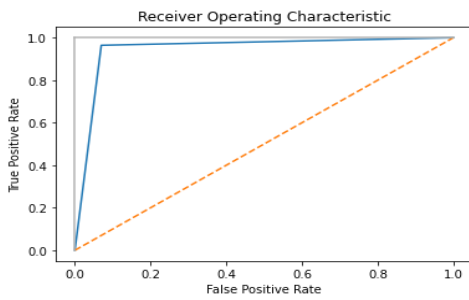
Appendix 2. A Comparison of PR and ROC Curves in the Filter Method



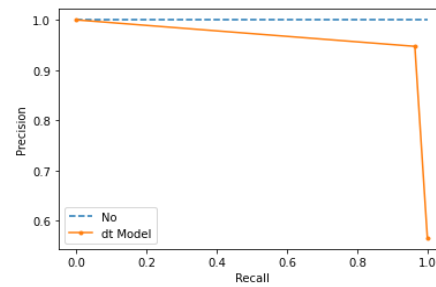
kNN-ROC



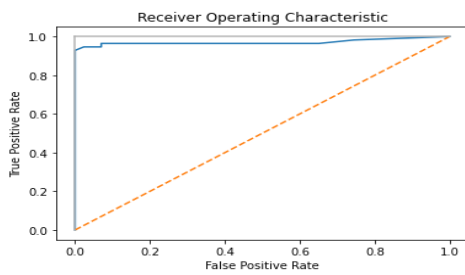
kNN-PR



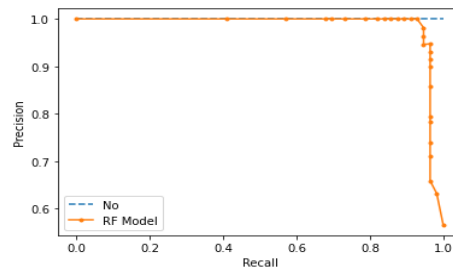
DT-ROC



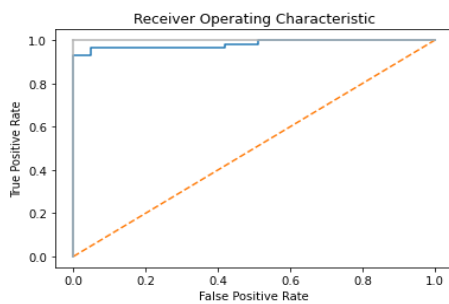
DT-PR



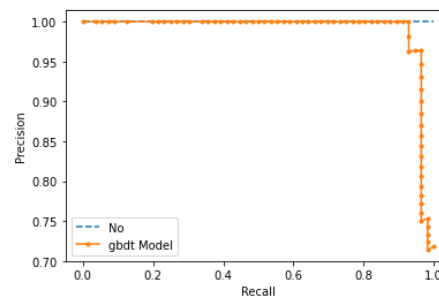
RF-ROC



RF-PR

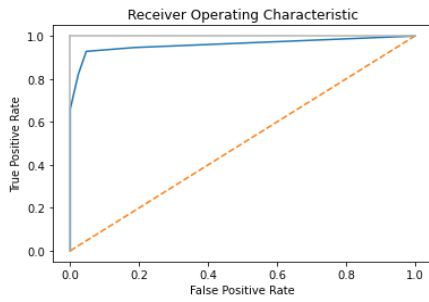


GBDT-ROC

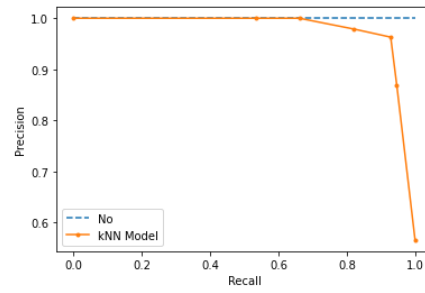


GBDT-PR

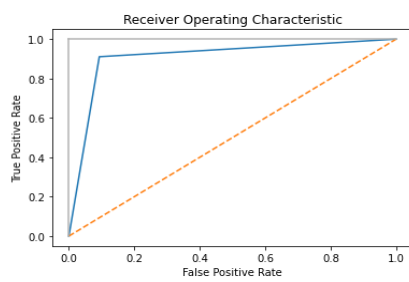
Appendix 3. A Comparison of PR and ROC Curves in the Wrapper Method



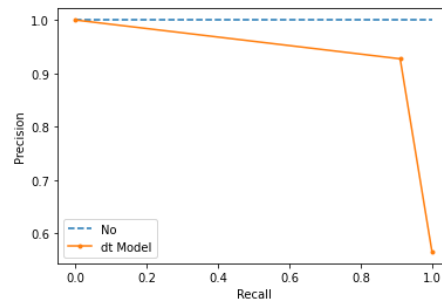
kNN-ROC



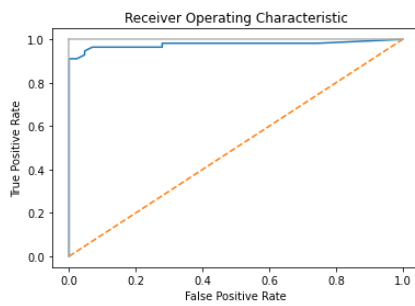
kNN-PR



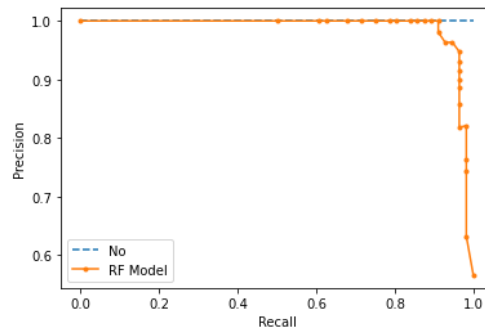
DT-ROC



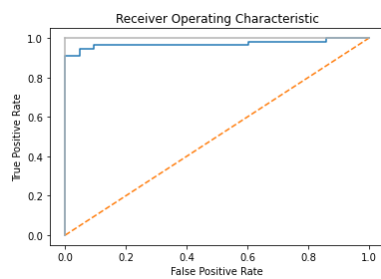
DT-PR



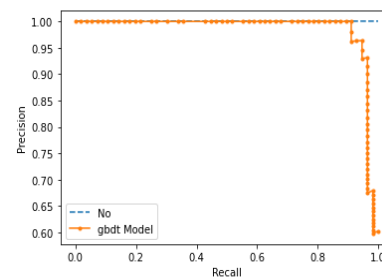
RF-ROC



RF-PR

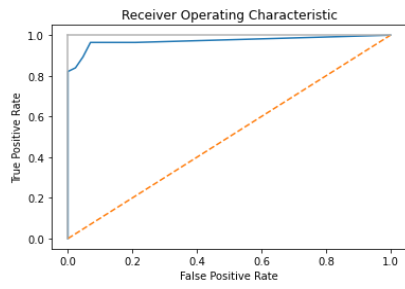


GBDT-ROC

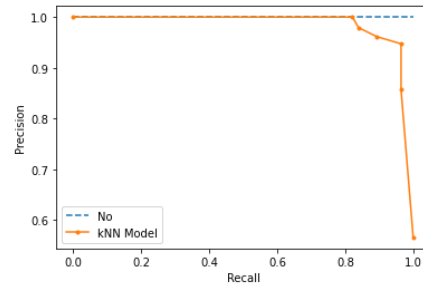


GBDT-PR

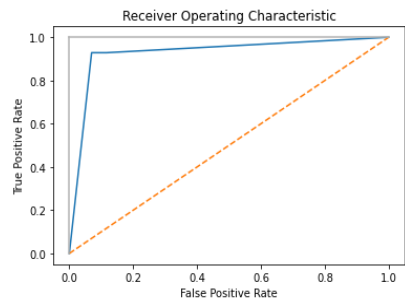
Appendix 4. A Comparison of PR and ROC Curves in Filter-wrapper Method



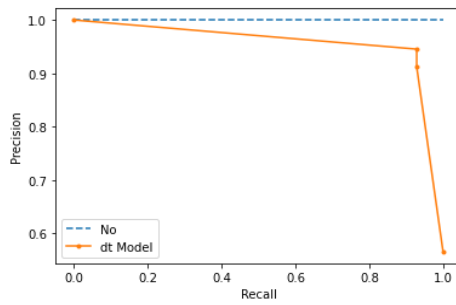
kNN-ROC



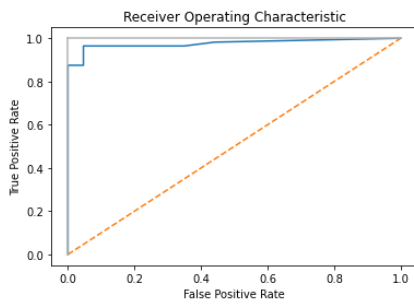
kNN-PR



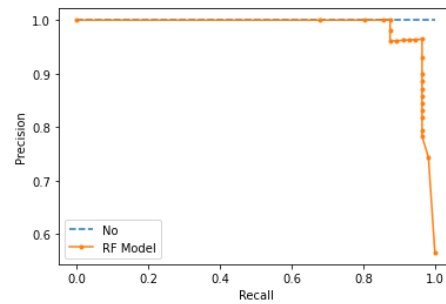
DT-ROC



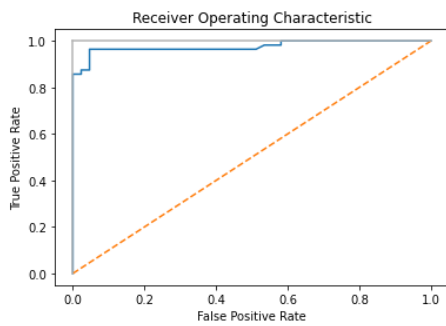
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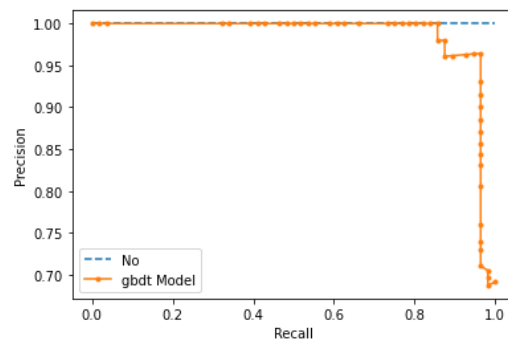
RF-ROC



RF-PR



GBDT-ROC



GBDT-PR