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BE-DTI': Ensemble Framework for Drug Target Interaction Prediction using Dimensionality Reduction and Active Learning

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**Highlights**

- Proposed framework consists of bagging based ensemble learning which adds diversity in the classifier.
- Drug features are prepared using Rcpd package and target features are prepared using PROFEAT web server.
- The issue caused due to class imbalance is resolved using Active Learning.
- High dimensionality of data is addressed in this paper.
- The performance of our proposed framework is compared with various existing feature-based approaches on the basis of AUC, AUPR, Sensitivity, Specificity, G-mean.

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