
LIST OF TERMS

Terms	Definition
Class imbalance	Situation in classification problems where the number of instances in one classes significantly higher or lower than in other classes.
Minority class	The class in a dataset that is fewer compared to the other classes
Majority class	The class that is most frequently represented in the dataset
Imbalance ratio	Metric used to quantify the degree of class imbalance in a dataset
Invitro research	Experiments conducted outside of a living organism, typically in a controlled environment
Drug	Chemical compound
Target	Living organism that will bind to drug, eg: protein and nucleic acid
Chemical structure	The arrangement of atoms within a molecule, using as feature of Drug
Protein sequence	The specific order of amino acids in a protein, using as feature of Target
Interacted	Binding of the drug and target
Fitness	Measure of how well a given solution or individual in the population solves the problem at hand
DrugBank	Comprehensive online database that provides detailed information about drugs and drug targets
KEGG BRITE	Component of the KEGG (Kyoto Encyclopedia of Genes and Genomes) database, which provides a hierarchical classification of biological entities and functions