**Table 2.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Sequence-based | Structure-based | Network-based | GO-based | Deep-Learning-based |
| LightGBM-PPI | 63 | NU | NU | NU | NU |
| GcForest-PPI | 500 | NU | NU | NU | NU |
| FWRF | 256 | NU | NU | NU | NU |
| Profppikernel | 422 | NU | NU | NU | NU |
| Goktepe et al. | >743 | NU | NU | NU | NU |
| Hu et al. | Protein length | NU | NU | NU | NU |
| SSWRF | 50 | NU | NU | NU | NU |
| PrePPI | NU | 1164 | NU | NU | NU |
| InterPred | NU | 17 | NU | NU | NU |
| Dong et al. | NU | 500 | NU | NU | NU |
| Bryant et al. | NU | 2699 | NU | NU | NU |
| Cluspro | NU | 2000 | NU | NU | NU |
| HADDOCK | NU | 14 | NU | NU | NU |
| L3 | NU | NU | Neighbors at length=3 in PPI net | NU | NU |
| SFCN | NU | NU | 12 | NU | NU |
| Sim | NU | NU | Similarity between PPI net | NU | NU |
| Lei et al. | NU | NU | PPI Net similarity | NU | NU |
| L3N | NU | NU | PPI Net similarity | NU | NU |
| PPI-MetaGO | NU | NU | NR | 32 + PPI Net similarity | NU |
| Bandyopadhyay et al. | NU | NU | NU | Number of unique GO terms in a PPI Net | NU |
| DeepPPI | NU | NU | NU | NU | >500 |
| Struct2Graph | NU | NU | NU | NU | Unique 1-neighborhood subgraphs |
| TAGPPI | NU | NU | NU | NU | 256 |
| SGPPI | NU | NU | NU | NU | >400 |
| Sun et al. | NU | NU | NU | NU | 210 |
| D-SCRIPT | NU | NU | NU | NU | >6165 |
| DPPI | NU | NU | NU | NU | Protein length\*20 |
| PPI-RCC | NU | NU | NU | NU | 26 or 52 |

The number in each cell corresponds with the number of features used to train/test the model. NU: Not Used, refers to features not included in the model.