**ELDMA: An Ensemble Learning Approach to Infer Potential**

**Drug-MiRNA Associations by Integrating Heterogeneous**

**Information Sources**

**PCA**: Contains code for performing Principal Component Analysis on the drug and microRNA similarity matrices for dimensionality reduction.

Drug similarity: Drug similarity matrix (831x831)

MiRNA similarity: MiRNA similarity matrix (541x541)

Drug similarity-PCA: Drug similarity matrix with reduced dimension (831x102)

MiRNA similarity-PCA: MiRNA similarity matrix with reduced dimension (541x100)

**ELDMA.PY**: Python file to implement CNN-SVM. Implemented the code using the Keras 2.3.1 library with TensorFlow as the back end (Version: 2.1.0)