Ecoli dataset

Dataset Information

The original Ecoli dataset from UCI machine learning repository is a multiclass classification dataset having 8 attributes. Here, 7 numerical attributes are utilized and the attribute "sequence name" is omitted. Among the 8 classes omL, imL, and imS are the minority classes and used as outliers. All the other majority classes are used as inliers.
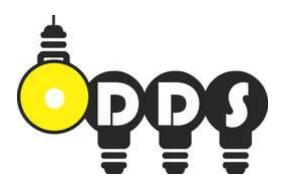
Source (citation)

Saket Sathe and Charu C. Aggarwal. LODES: Local Density meets Spectral Outlier Detection. SIAM Conference on Data Mining, 2016.

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File: ecoli.mat

Description: X = Multi-dimensional point data, y = labels (1 = outliers, 0 = inliers)

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