

Table 1: Classification Accuracy comparisons on Clean data sets. For the OASIS dataset, there are three binary classifications (YM: Young vs Middle-aged, MO: Middle-aged vs Old and YO: Young vs Old), and one three-class classification (YMO: Young, Middle-aged and Old). For the LUMBAR dataset, there is one binary classification (NA:Normal vs Abnormal).

Datasets	OASIS				LUMBAR
Classes	YM	MO	YO	YMO	NA
SVM	89.05	92.58	93.22	91.36	87.32
LRR+SVM	90.18	93.24	94.57	92.58	89.79
GKNN	91.75	95.59	96.88	94.49	92.95
SC+SVM	94.56	96.77	97.25	96.17	95.11
Proposed	97.25	99.88	99.97	99.87	98.8