Accuracy score of handcrafted features 99.65% 99.99% 99.38% 98.64% 100 Feature-based method Autoencoders **85.50%** 80 Accuracy (percentage) 70.46% 60 40 20 0 WISDM WISDM Motionsense (Continous (Continous (Discrete &lab condition) &outdoor environment) &lab condition) Dataset