Comparison of feature sets vs benchmark algorithms across UCR/UEA univariate problems Error bars are +/- 1SD from the mean 100% Best benchmark algorithm better Classification accuracy benchmark algorithm (%) 75% 50% 25% Best time-series feature set better 0% 25% 50% 75% 100% 0% Classification accuracy time-series features (%) HIVE-COTEv1\_0 → Non-Significant difference → ROCKET → TS-CHIEF

InceptionTime

ResNet

Statistical significance computed on Holm–Bonferroni corrected p–values after calculating test statistics between the best feature set and benchmark on each problem.

S-BOSS - Zero variance for one/more sets