

# 1 Table

Table 1: Comparison of different methods.

Method	Accuracy $\uparrow$	F1-Score $\uparrow$
Random Forest	<b>0.9697</b>	<b>0.9758</b>
CNN + SVM	0.9690	0.9444
MLP	0.9394	0.9243

Table 2: Feature selection results with TopK strategy.

k_or_thr	kept_features	Accuracy $\uparrow$	Macro-F1 $\uparrow$
top10	10 num + 0 cat	0.818181818	0.596656611
top20	20 num + 0 cat	0.909090909	0.695900178
top30	30 num + 0 cat	0.96969697	0.975757576
top40	40 num + 0 cat	0.909090909	0.692857143
top50	50 num + 0 cat	0.939393939	0.718627451
top60	60 num + 0 cat	0.96969697	0.975757576
top70	70 num + 0 cat	0.96969697	0.975757576