

Fig. 1. Accuracy of feature sets by different hops.

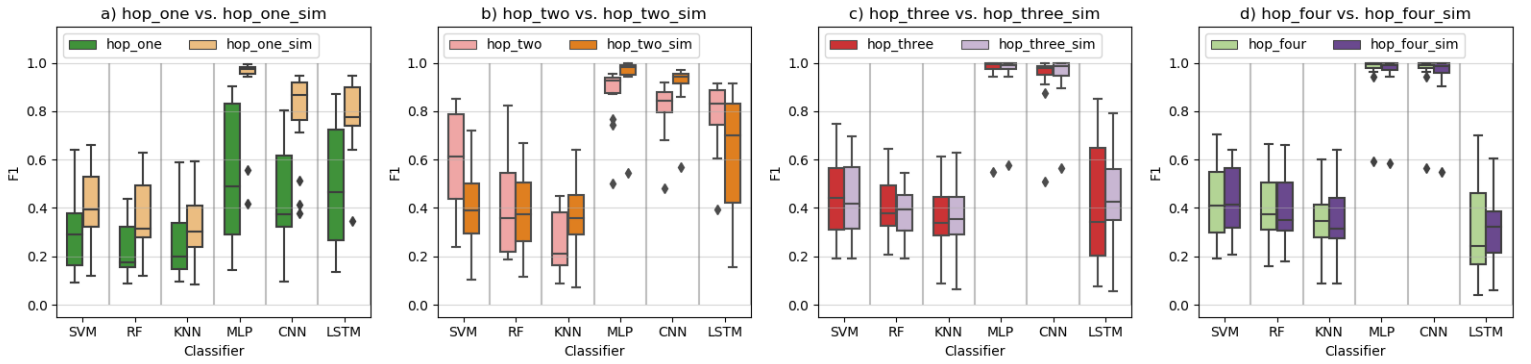


Fig. 2. Accuracy of feature set  $hop_x$  compared with feature set  $hop_{x\_sim}$ .  $x$  is one, two, three or four.

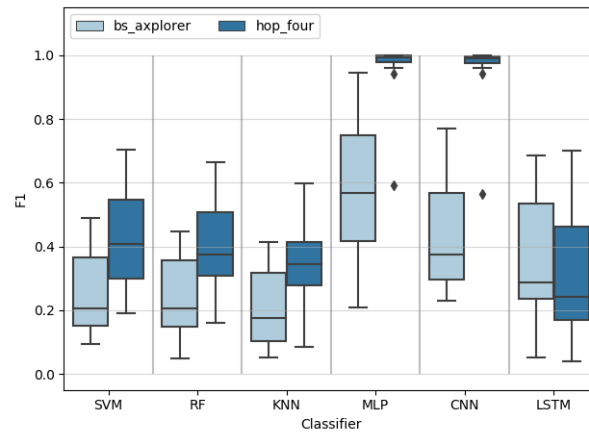


Fig. 3. Accuracy of feature set  $hop_{four}$  compared with baseline.