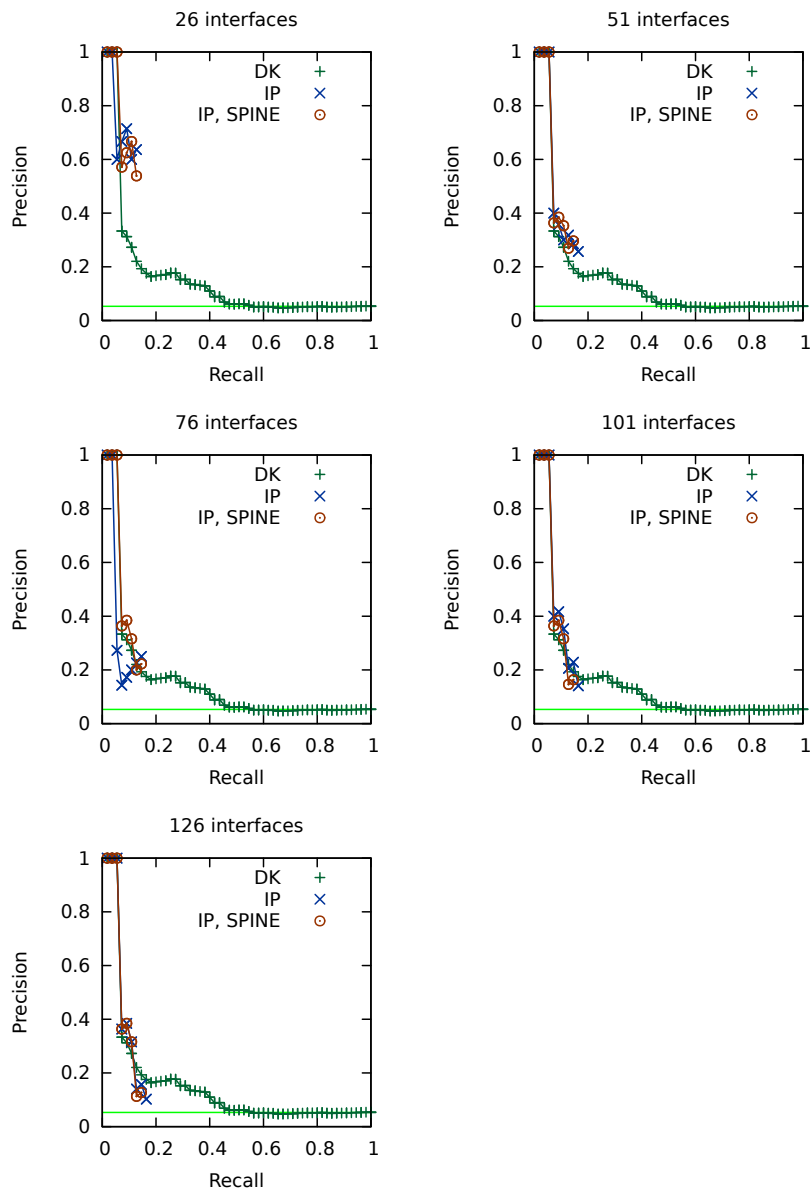


FHV Hit Prediction:  
IP with  $\alpha=0.9$  (our work) vs. IP with SPINE heuristic  
(cycles disallowed)



FHV Sign Prediction:  
IP with  $\alpha=0.9$  (our work) vs. IP with SPINE heuristic  
(cycles disallowed)

