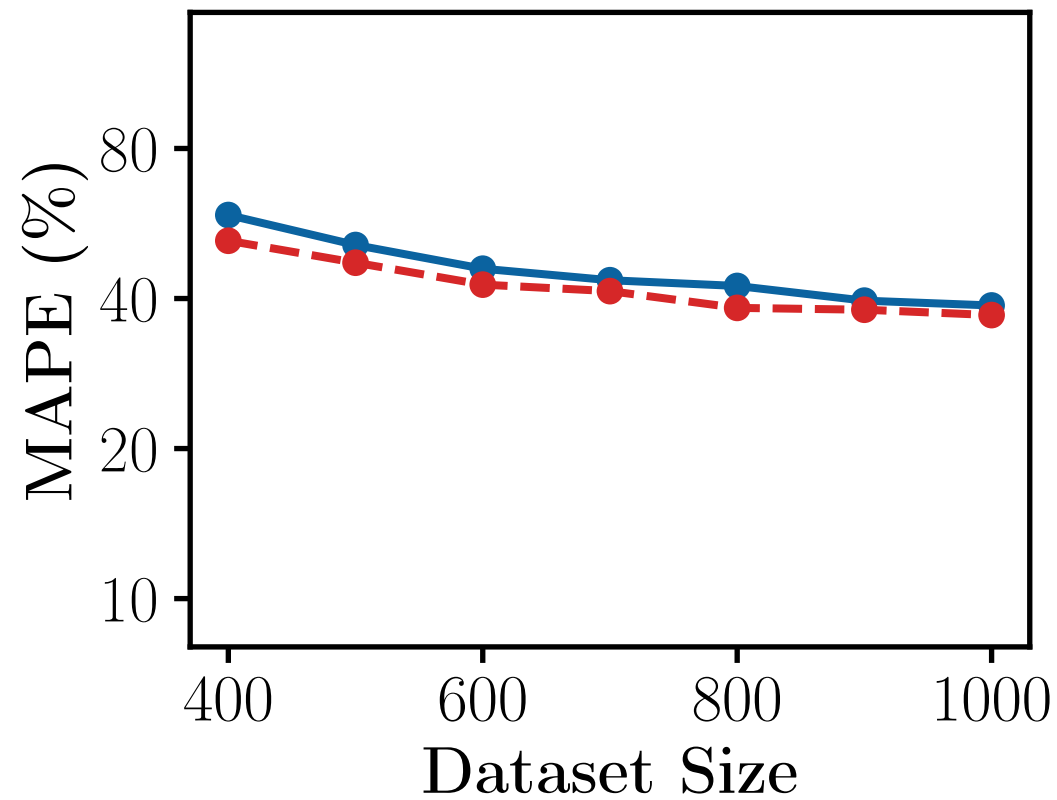
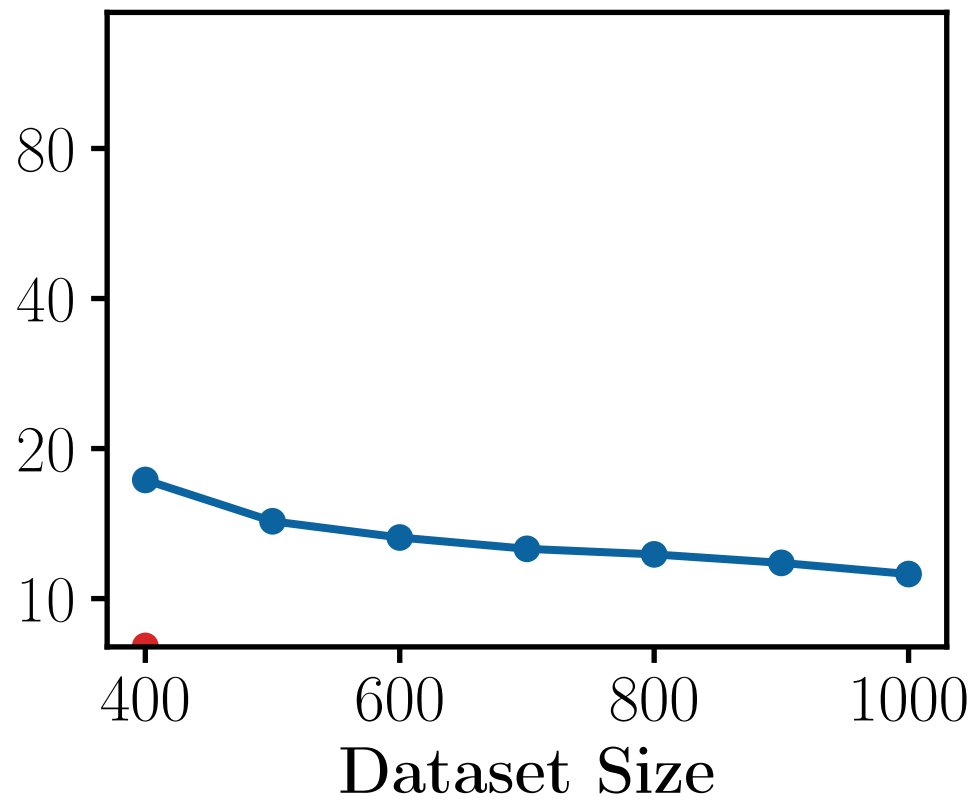
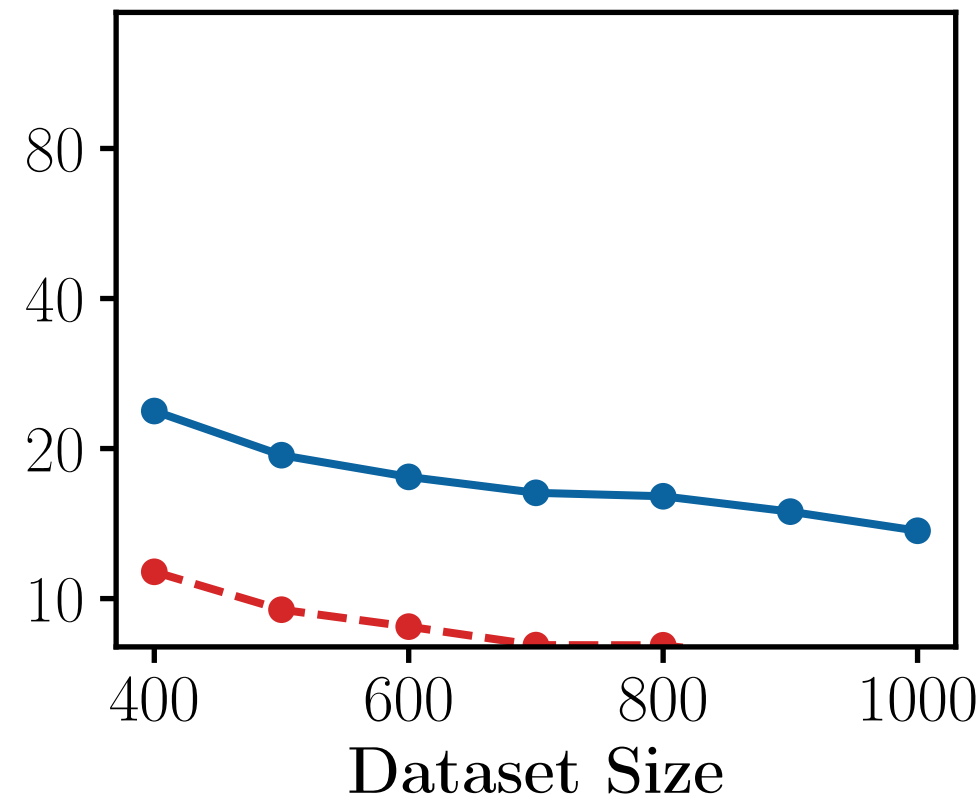


$O_2(X)$  $O_2^+$  $n_e$ 

NN

NN projection