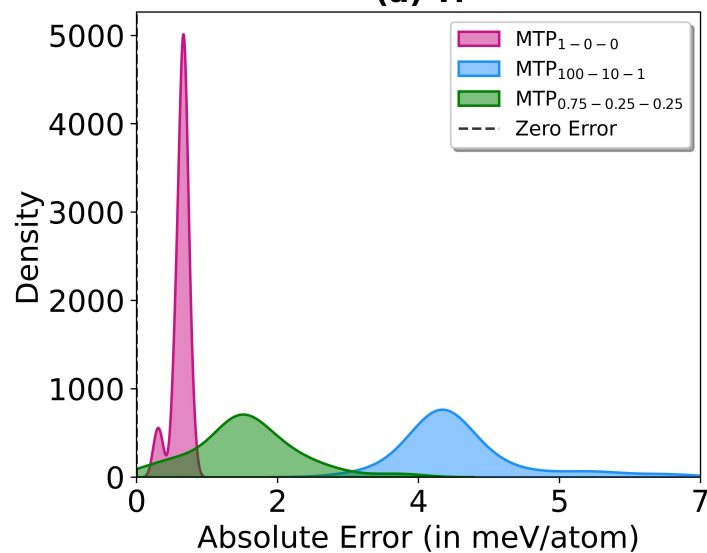
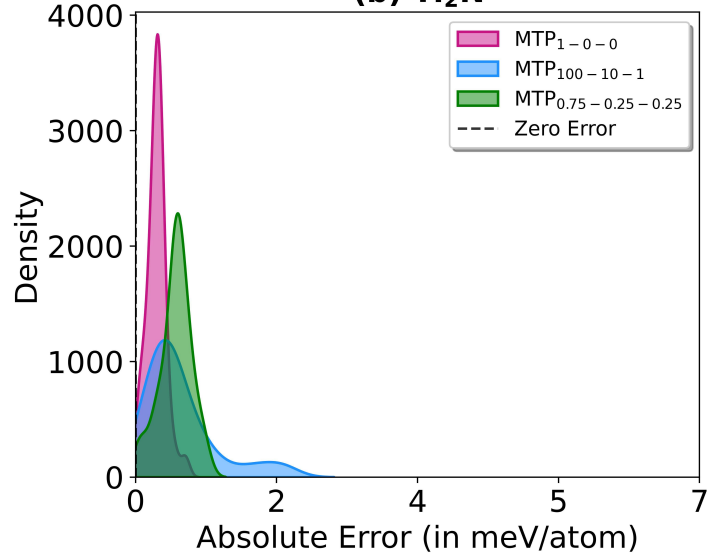
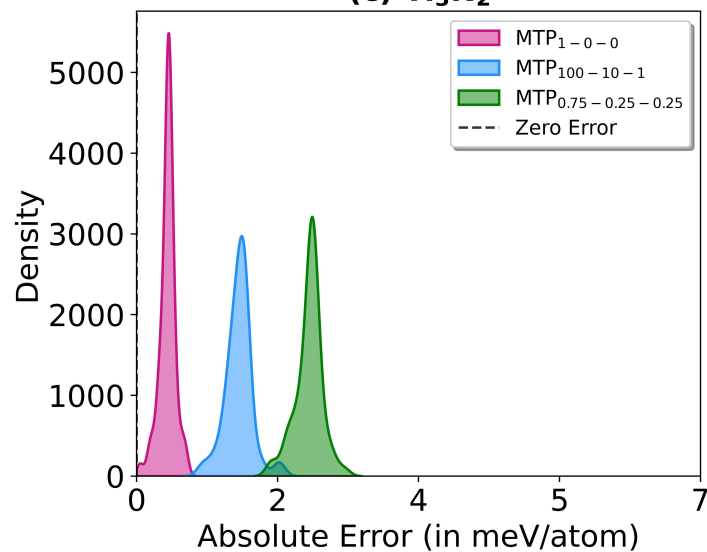
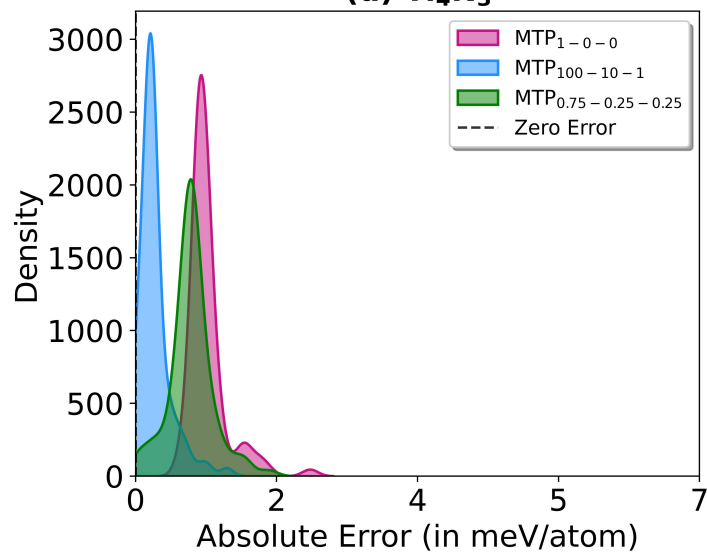
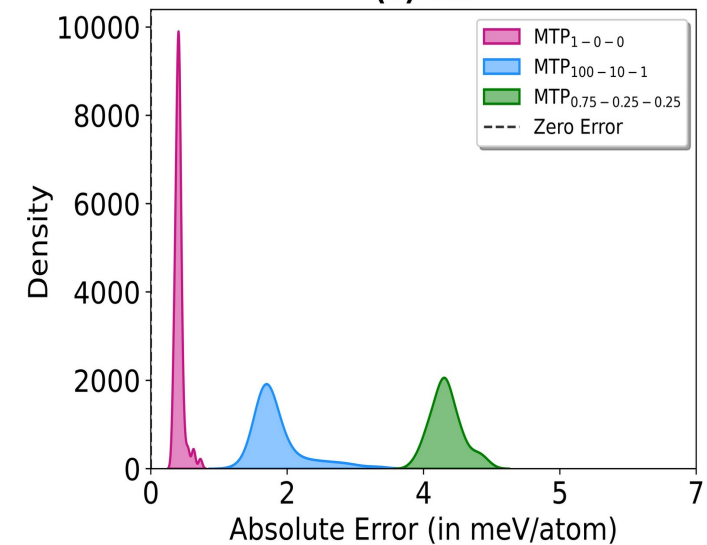


**(a) Ti****(b)  $Ti_2N$** **(c)  $Ti_3N_2$** **(d)  $Ti_4N_3$** **(e) TiN****(f)  $Ti_{0.14}N$** 