(a) Ga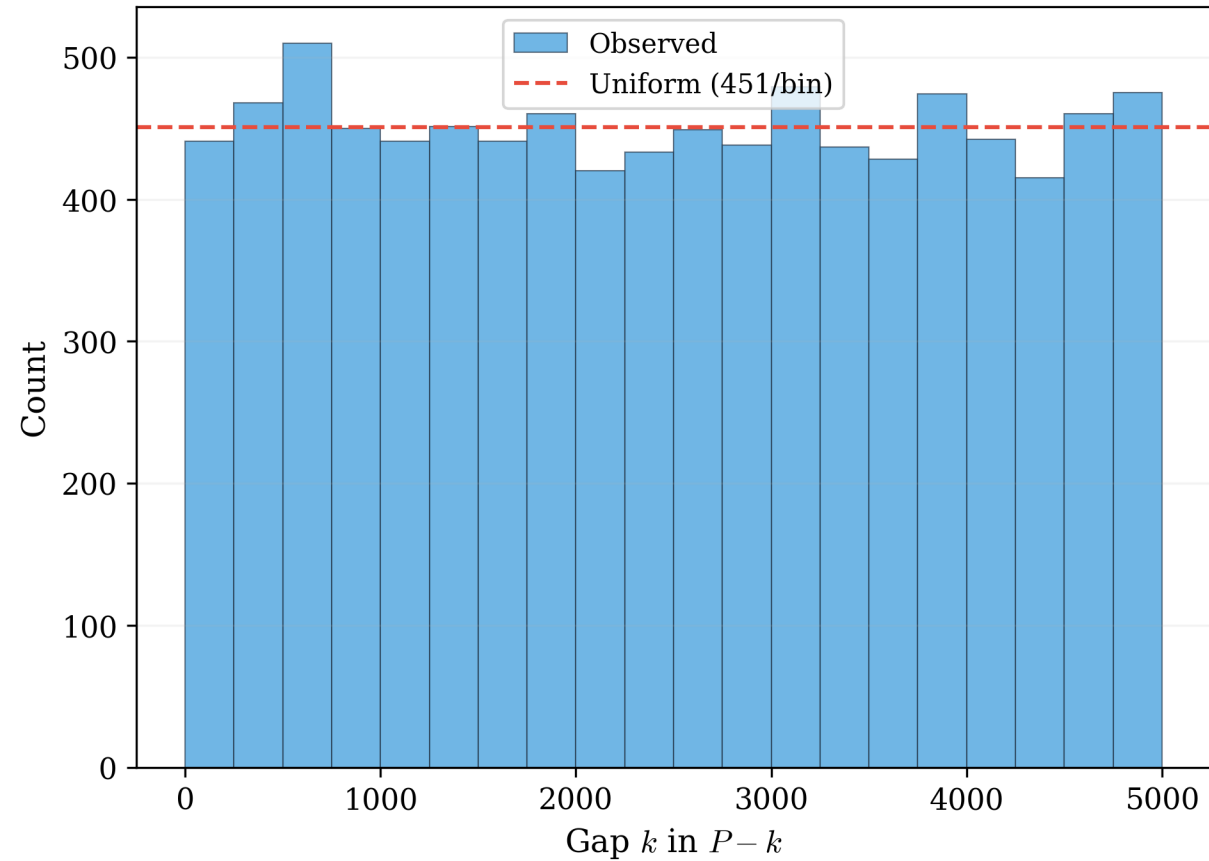p distribution (uniform, $p = 0.31$) **(b) Mod-30 residue structure**