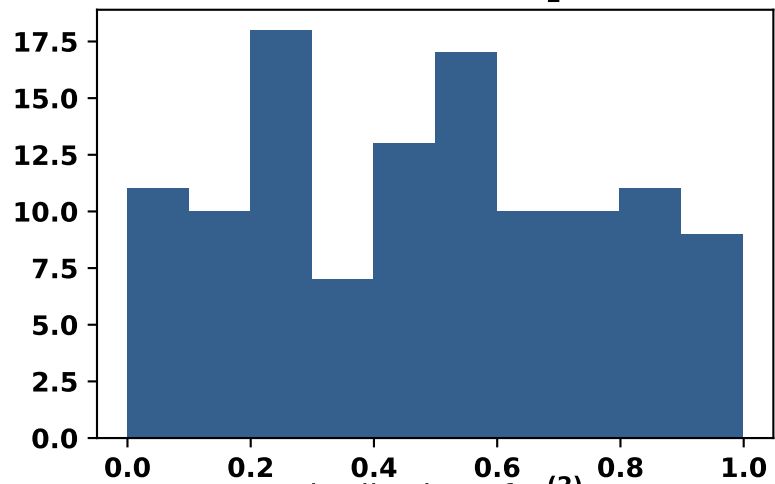
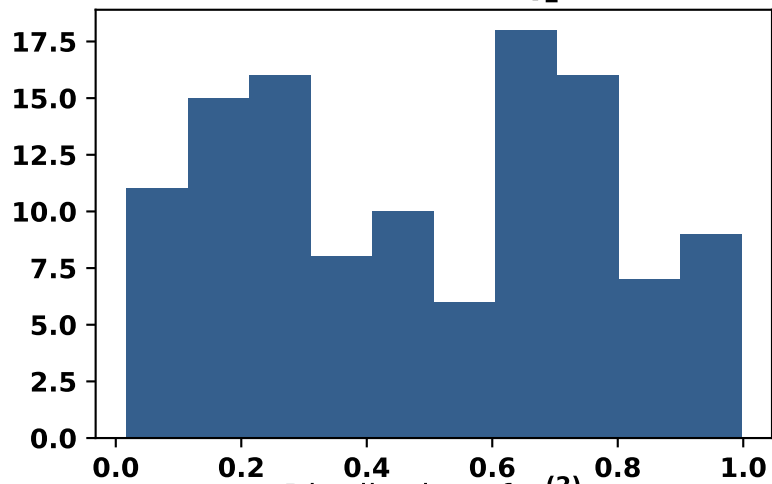


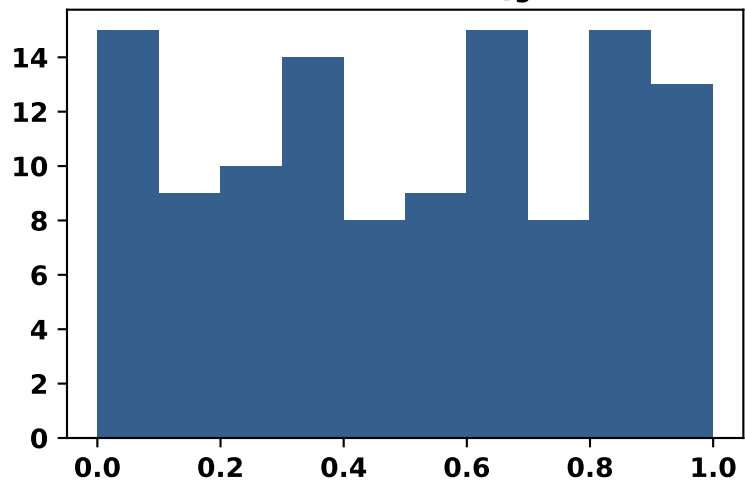
Distribution of  $\mathbf{q}_1^{(2)}$



Distribution of  $\mathbf{q}_2^{(2)}$



Distribution of  $\mathbf{q}_3^{(2)}$



Distribution of  $\mathbf{q}_4^{(2)}$

