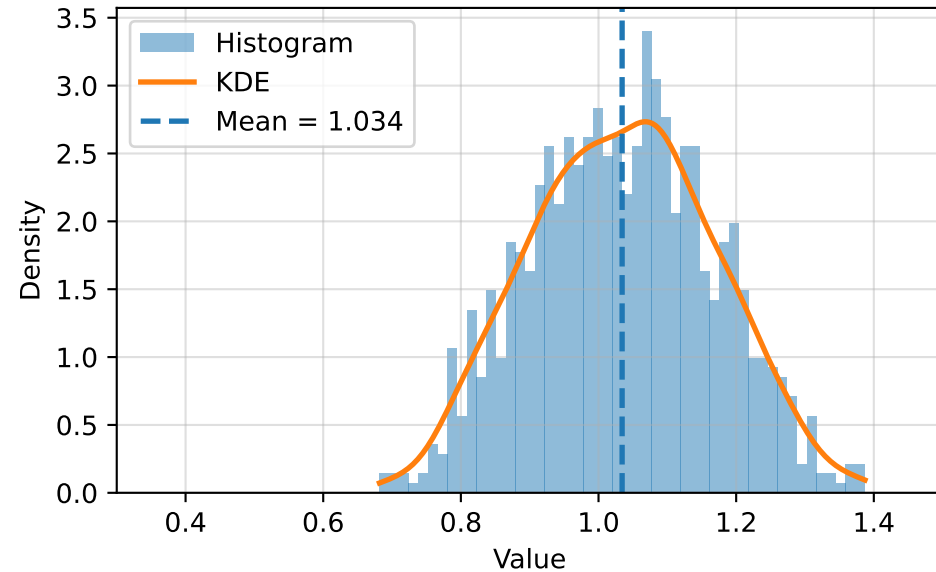
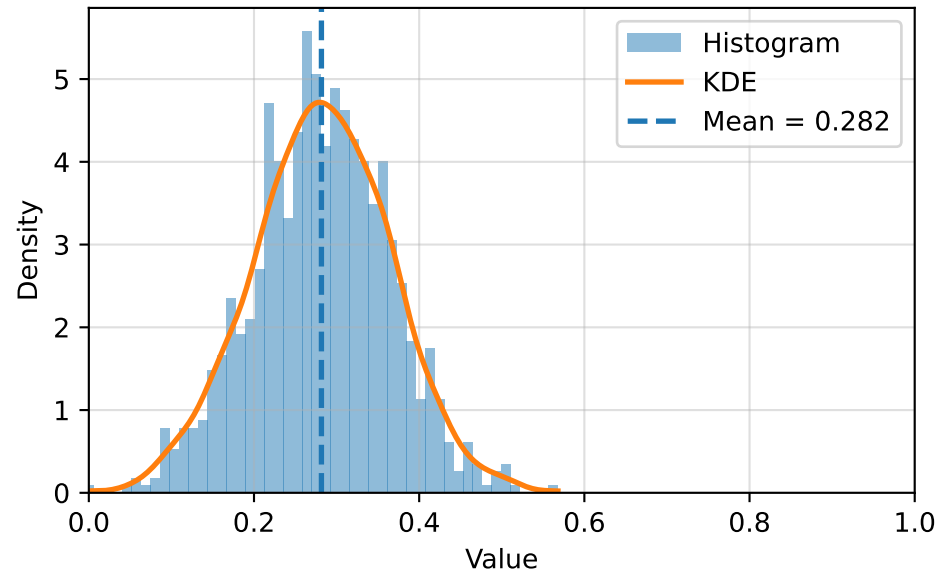


$||g||$ (Magnitude) $||\cos(g, \mathbb{E}[g])||$ (Direction) $\cos(x - \mathbb{E}[x], g)$ (Orthogonality)