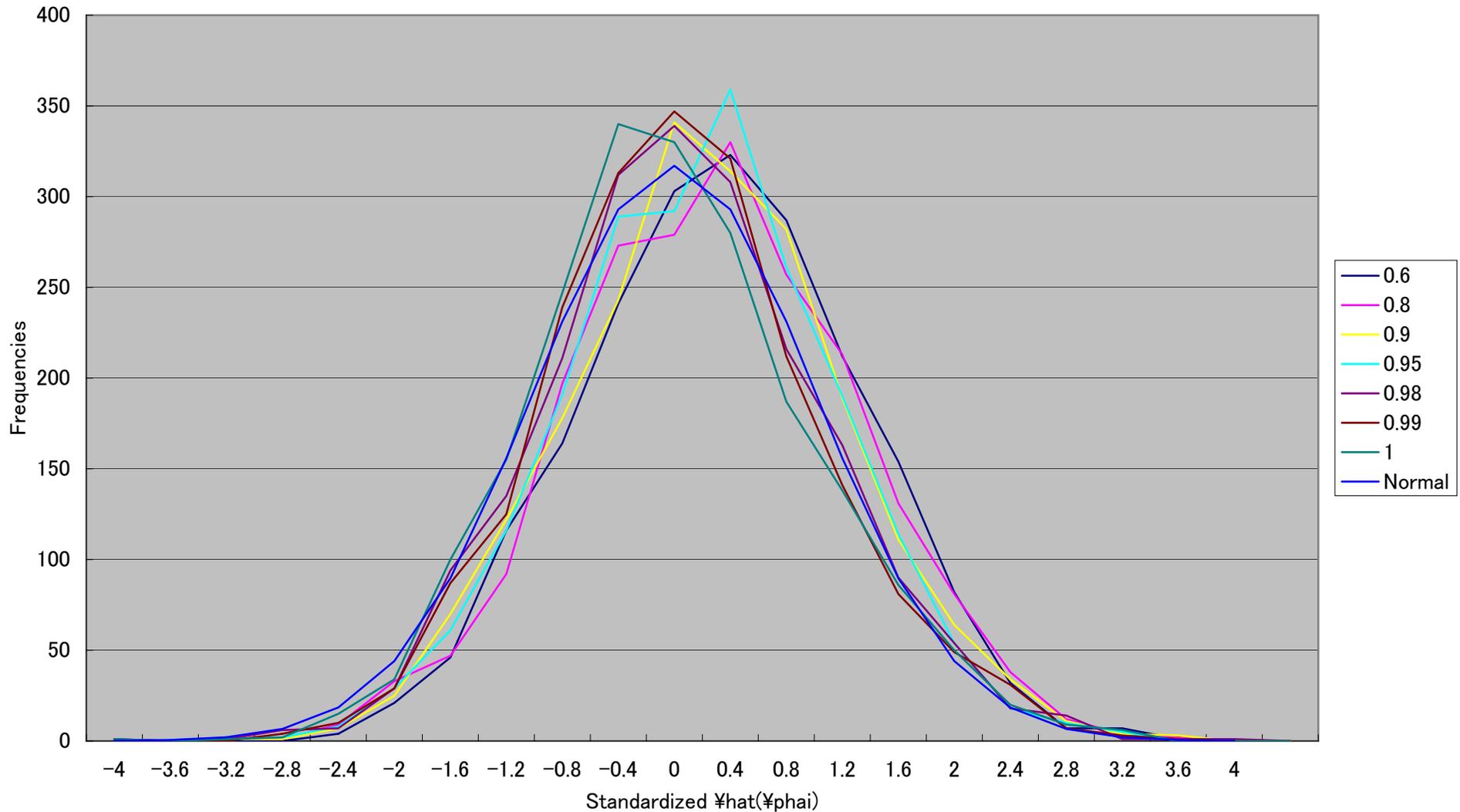


Empirical Density of standardized $\hat{\varphi}$



Empirical Distribution Function of standardized $\hat{\varphi}$

