

# TLSH Weights

$$P(k) = \binom{n}{k} p^k (1-p)^{n-k}, \quad n=3, \quad p=\frac{1}{4}$$

$$w_k = \lceil -c \log_2(P(k)) \rceil, \quad c = \frac{665}{2}$$

$$w_1 = 414, \quad w_2 = 941, \quad w_3 = 1995$$

$$\Delta_k = w_k + c \log_2(P(k))$$

$$\Delta_1 \simeq 2^{-13.95}, \quad \Delta_2 \simeq 2^{-13.37}, \quad \Delta_3 = 0$$