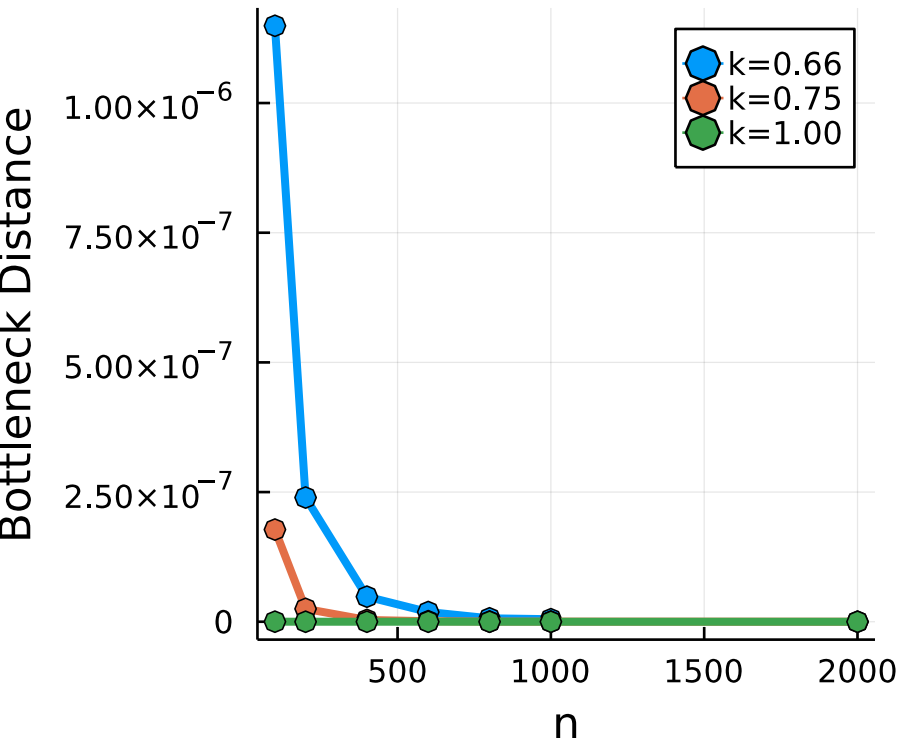


Dense &  $\epsilon = \log^k(n)$ Sparse &  $\epsilon = \log^k(n)$ 