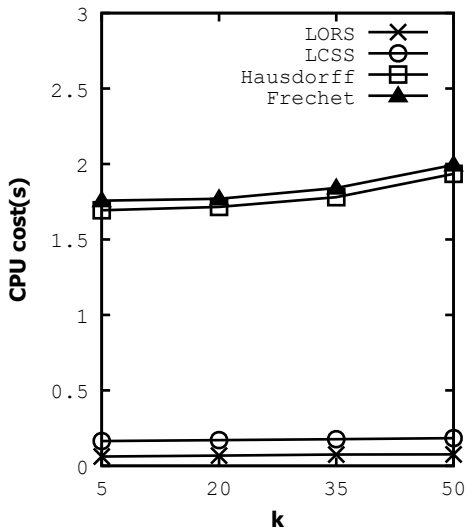


CPU cost with k increasing**CPU cost with $|Q|$ increasing**