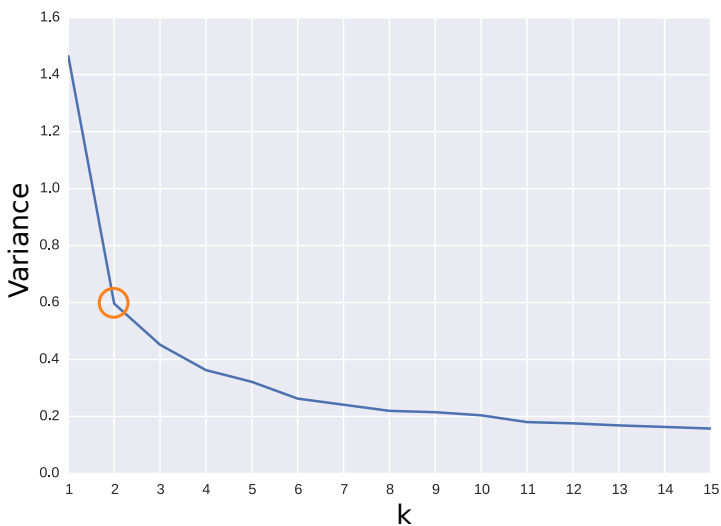
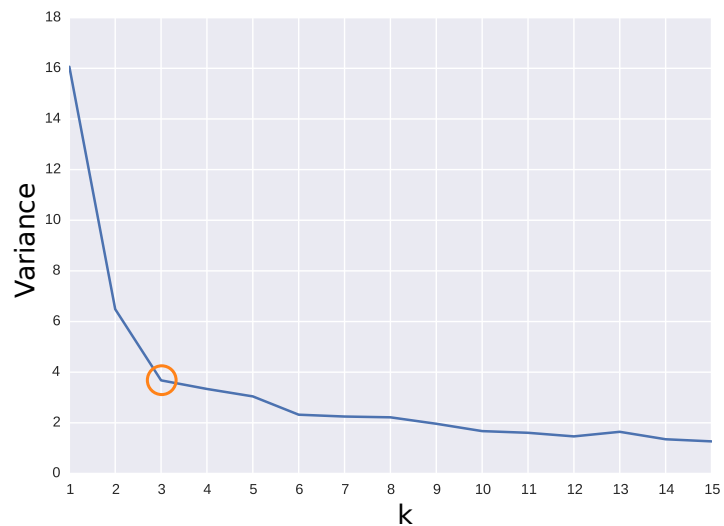


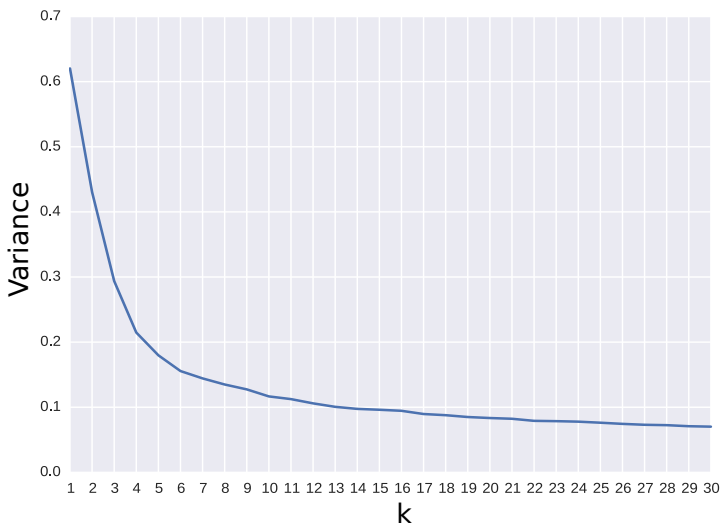
(a) BV, Phylogenetic  $k$ -means



(b) BV, Imbalance  $k$ -means



(c) HMP, Phylogenetic  $k$ -means



(d) HMP, Imbalance  $k$ -means

