



Hanning Distance: Used too Boolean Values (ex: Binary Bag of words) $x_1 = [0,1,1,0,1,0,1,1,1]$ x, = [(,0,1,1,0,1,0,0,1] Haming Dist (x, x2) = # of locations where Binary Vectors differ For ahone ensurple: - HD = 7 -> Can also be used for etring - Number of localions where strings differ -> can also be used for treme sequencing. They are harrially requesce of letters -> Skleson KNN was Minkowski by default.