



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 enample: - HD = 7 -> Can also be used for string - Number of locations where strings differ -> can also be used for Greve Sequencing. They are brasially sequence of letters