frequence of occurrence of words (log scale) 4.5 8.62 r = -0.674 p = 07.18 3.5 standard deviation 3 5.75 2.5 4.31 2 1.5 2.87 1.44 0.5 0 3.30 5.09 6.89 8.69 10.48 12.28 average intra-phone distance