3 central tendency - Mean, Median and Mode Simple avenage M (population) R (sample) N=10 N Xi N, + n2 + n3 + n4 + n5 - - . . + N10 = Mean/Average - Most wommon central tendency - It is heavily albected by outliens 20 +25 +30 + 22 + 200 = 59.4 K 20+25+30+27+22 = 24.8k Median Ondened set 90, 20185 755 middle number

Dataset 1 = { 1,2,3,4,5,6,7,8,9,10} -) without outliens Dataset 2 = { 1, 2, 3, 4, 5, 15, 25, 35, 45, 55 } -> with outliers

Mean: 5.5

 $\frac{1}{5.5}$ even = $\frac{5+6}{2}$ = $\frac{5+5}{2}$ = $\frac{20}{2}$ = 10

odd = middle value 31 {1.2.3,4,56,7,8,93 /) 5

, highest number of a value occurring {1,2,3,3,4,5,6} reategonical
3,3,3,3 -> mode numerical

> (-) mude? 6 mode -1 max 2-3 mode { 1, 2, 3, 9,5,6}