

Statistics Inferential 1) using Semple data to make an John Sind and Emmunes is a gord inference or draw a concluton of ing hurded and graphs. the Population. in sample lose ate (Summar) : 1 3019 (3 nor Potal) 1966 1 123 proft and stewness uses Probability to determine how confident, we can be that conclusions was but lost no so was we make are correct (confidence Intervals and Mairgins of Error) the widdle dates of the the نواصل المقا وين بنسبه وقي) (ان احتمثل متأجدين بنسبه وقي) Grandes of United Dilling (9) Markonce, Standard ollewidetion.

mean = Zix survivers EdaniPler £12,7,14,5,7,11,9,3, Legil mean = 12+7+14+5+7+11,9 = 65 59.28 Median = 9 y arrange number Ascending mode The number that appers most offer mode: 7 Range: highest number - lowest number 07= 14-5=9

* How to calculate variances $S^{2} = \frac{2}{N-1} \left(\frac{1}{N-1} \right)^{2}$ 12: 2+ 10 +2+ 7+11/3 62 = d 3ed= \$ 5,6,8,90 100110147 mean = $\bar{\chi} = \frac{2i}{x_i} \times \frac{63}{7} = 9$ Oata=xi xi-x (xi-x)2 5 5-9=-4 16 6 9=-3 9 83- E(Xi-X) 7-1 56 \$(xi-x)2 = 56 به علما لع يبنى نتراق ماس جهن الفرق عس علما البناين

