



Order duta: 18,22,23,28,29,29,33,35,35,36,38,38,38,38,38,465 a. median = 35 mean = 5um of data / 15 = 32.4 b. samp var = 12 (xi - x) = 55.97143 (You must slessy your work on test similar to 11 b.) 5= \$5.97.43 = 7.4814 (13) a. min = 0.4 Q1=1.3 median = 3.8 Q3: 5.4 max = 40.6 b. IQR= Q3-Q1= 5.4-1.3 = 4.1 C. $s = \frac{15!9}{42!9}(x_1 - x)^2$, $x = \frac{1}{10}\sum_{i=1}^{10} x_i$; x = 7.08, $s = \frac{7.48}{1.4}$ 0. IQZ is more resistant to outliers and seems a better description of the spread in this case. 14) a. X10 = 66 in. 1/1 = 77 in. X1 = 10 (66) + 11(77) = 67 m. b. X21 = 66 in. 1/22 = 77 in X22 = (21/22)(66) + == (77) = 66.5 in. * The mean is smaller than for (a) be cause the first 21 people carry more weight than 10 people c. x2= 註(66) + 立(x2) = 67

可次2=267- 15/66)了22

88 in