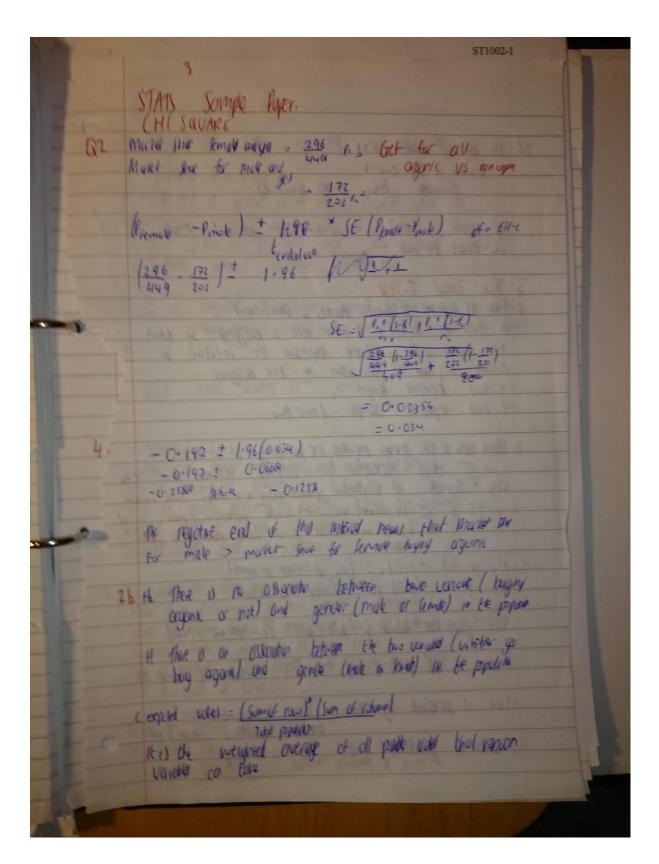
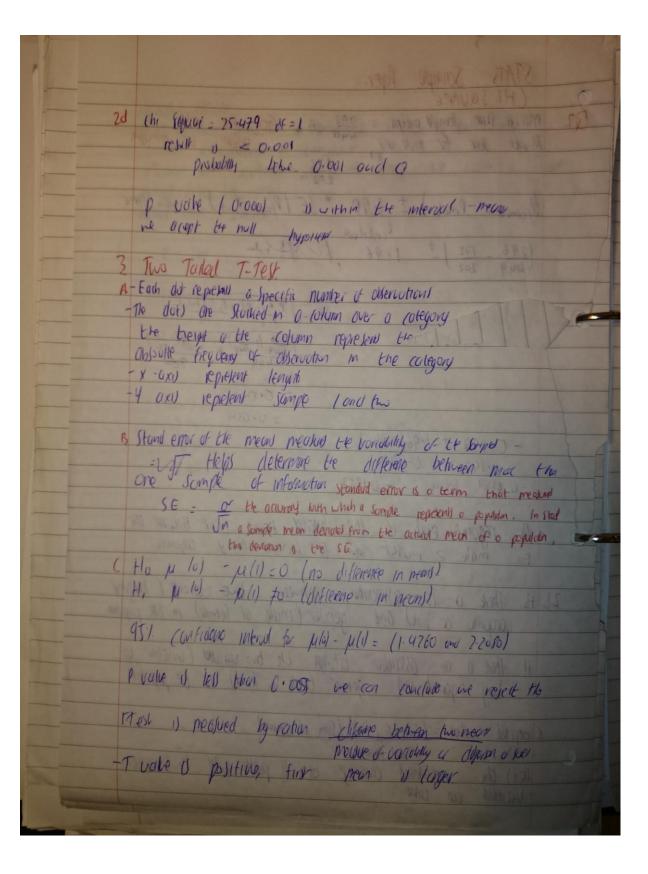
STATS SAMPLE PAPER I a Categorical date has no order or no quantity muched, this rules out alof of the stational tests we are any all grown / days Quantity duto had an underlying scale and ad a quantity musloed- must easier to work with this data ey height/solony b-Boxplot - snows three man features of each variable; its center represented by the horizontal line in the box its spread the varied line and its outliers represented by stars -y axy measures the frequence -x axis reposed variable yell and no c. The mean is commonly known as the overage. - Colculated by adding up all quantities and dividing by the - It is a median of cente - (on he affected by outland Krown as the majorit Median is the middle score of a light instant -less sensitive to extrere values (cutters) -It is the point of which half the value are above and not below D Runue - Difference between lowest and highest value in adult. - Simple to Compute - (or all split up into interprette range to measur disperson based upon two values from the dotale

Standard dans More pareital medice of vanishing because it tokes into - Measure of amount by which every value within a datast veriel from the men - ly we vost of vorious le x=141 0=215 141-137 001 141-144 12-5 (100) 11 25 8 (16) -6 (-12) -1.2 £ Z £ 1.6 Z = 1.6 2121/2 1/3 MOUN /1 NOVA 9/20 = 0.945 1- (251.2) -0.12 1-0.88 = 0.12 = 82.5%





3c look up t-told with 5=0.05 and df=198 1.97. 6 t < 1.97 T (28.41) 1) author corrune unlevel, evidence again the Prote of p of 0 ow is less than our and outlied the confidence interval, evidence exempt the 31 It is a method of selecting sample member from a large population alray & a random status point and a fixed periody movel 1136 toke every 32 th person 4 a Scatterplat. - Consults of on x-axis and y axis, and a series of dist. - Each dot represent one Observation from a data set: - Useful for usually determine the conclutum between two variouses -Independ various on x-axis (temporature) Dependent vorabe yield on y-ort b The equation for yield in gow o 17.0 + 2.0 (lemp c) - There is a 2.0 increase for each encese in temperature - coef of coulant god the exact figure for the authorit in the equation which is is used to 17 from 17.002 - coef of temperation is also rounded up to \$2.00 foury 1.99517. - 17.0 U yeld at lempe (0) - Puall of contact lest hypotroles: the Population Stope = 0 p = ow which is < 0.001 H Populate slope \$0 sufferent evidence to regar to

- pually in the contribuler: -5 = 401967 900 00 (body 900 0) only -s is estimate of standard deviction of 4 for fixed x. (50 of residual) -Residual Should be normally distributed

There should be no relationship between residual and predicted value - Residual D value of Observed cost (actual cost) - predicted who from eggs.

- R? measure the fit of the model to the dua

as us. of warms of yield is allowed for C. T=75 17+2(75) 17 +150 = 167gram