A Cod Company believes that the Percentuge of tesidents in city ABC that ours a recline is 60x or less. A sales managed disorpees with this the conducts a hypothesis testing surveying lot tesidents and found that 170 festanded yes to owing a rechile. a) state the wall & Altanobic hypothesis b) At 10x significance level, is thete shough suidance to Sipport? . U. ! No = City ABC tesidents owns a vechik is tox. Hi: No = city ABC +3i dents ours a rechile is less than 60). P= 130 = 0.88 Po = 0.6. Lat 10%. Pegge to 21-10-120.4 La 1.34 $\frac{2}{250} = \frac{0.68 - 0.6}{\frac{(0.6)(0.4)}{250}} = \frac{0.08}{\frac{0.4}{250}} = 2$ Conclusion & 2 > 1.34 & Accept Null hypothesis }

P-vale +

