Midterm Thursday, October 22, 2020 10:49 AM ·0/ 11. ~ (2500. + 210. + 20. + 1.) X=coffee Y=muffin -1in cents 19 a) Coffee non = 1.4 ~~~~~~ mean = 2,5 E(x)=140 50(x)=30 Var(x)=900 ECYS = 250 50 (Y) = 15 Var (y) = 225 50 = .3 50 = -15 E(X+X)=1/10+520=390 Mean = 1.4 + 2.5 = 3.9 = mean Var(x+y) = 900+225 = 1125 50 = .3+.15 = .45 = 50 50(x+y) = Jvar(x+) = J1125 = 34 6) Mean = 3.9.7=27.3=mean W=weeldy total 50 = .45.7 = 3.15 = 50 E(w) = 7.E(x+y) = 7.3.9 = 273V(w)=7.1(x1)=7.1125=7875 50(w)=57875=.89 11) rotal = 2500 x= # OF 2500 Who attend x is bransal SPACE = 1786 P= ,7 N=2500 if x21787, no non P= .7 M=nP=2500.7=1750 7 P(x=1787) = P(Z>1787-1750/23)=.0537 .7.2500=1750 > 1750 L 1786 > there is a 0% chanced there not being enough space 13) H: The mean resting Ause rate of those who do not exercise is the same or less than those who do Wrot = Mgo Hithermean resting Pulse rate of those who do not exercise is greater than those who do Mrat 7 Mde Independent T: Use Sp not 5, and 5, 0f=16+12-2=26 7 crit T=1.71 t=(73.9-69.1)/J96.99·(1/16+1/2) t= (73.9-69.1)/J[(10.92/16)4(8.22/12)] =4.8/J(7.425+5.603)=4.8/3.609 =1.329 1.329 41.71 7 restect the rull We revect the rull hypothesis that Mnot & Mo and accept the alternative that Mnot > Mo What Y(x) = Y(x) = Y(x) = Y(x) = Y(x)(G) as Y(x) = (y) = (x) = (x)510PC = 296446.059/147911.938 = 2.004 = 56PC (0).43 = (128.88)(1.004) + )

107.43 = 258.30+ )

y Entercest = -150.87 They doesn't make sence because

time has to be partitue but I

don't have enough time to fix it by 2.004 When distance=0, time=-150.87 C) XY/JX292 7 (1479(1.938.148287.811)/J(1479(1.9382.148287.8112) d) 45E = (185)84.23 It's the overage criation fines reported vs e) Y = (103)(2.004) - 150.87 Y = 55.54213 a) 12= .748a b) Slope=7,079 Intercept=-28.53 As memplayed goes up 1, majors go nd by 7.079 At a memployment, there are -28.53 murrers (this makes no sense, but I have no time) C) I don't know and I'm out of time is