

T. Test Assignment; toit = 2.064 > 2 if to is greater than 2.064 on less than +2.064 then teample fails under tail region & Ho is rejected Which means Hore -2.3077 falls under the tail region & Honce Ho is rejected & so there is significant effect with the aerobic program on individuals heart

Scanned with CamScanner

H= pop mean - 15 months X= 17 months S = 5.5 months i) to > le = 15 months Ha -> M = 15 Months ii) d=0.05 iii) two tailed t-test teample = X-M = 17-15 = 2 = 1.9918 Sky 5.5/50 = 1.0041 terit at 0.05 & 29 dof = 2.045 facing inside the main region (1-99184 2.045) Accept null Hypothessis.

designers claim of better shoe is not supported by the total results.

X = 26 struckyma d = 11 X = 30 3) S=6.20 malgrow 81 = 7 5 = 6.63 n=1516 adtriary 01 = N n = 15 i) to > Relaxation training Loesn't have Significant effect on reducing levels of anxiety Har Relaxation training has significan effect on reducing levels of anxiety √ii) ~=0.05000 iii) dof = 14+15 = 29
iv) two tapled test teritica = 2.045 = (2,-2)+(1,-12) Sp + Sp2 Since there is pop. means here 1= 12=0

: X1 - X2 Spiraspia lortha e of (4) Sp= SS,+SS2 ditdt SS .= Sum of Squares df,= 15-1=14 pro 5,2 = Variance df = 16+ = 15 SS= S,2(df,) = 6.63 ×14 = 615.3966 SS2 = S2 (df1) = (6.20) × 16 = 615.04 = 1230.4366 Kelax HILL = 42.4288 = 30026 424288 4248888 J 15 16 88 $=\frac{y}{2.3409}=1.7087$ teample < 2:045 accept the neell Hypoth . relaxation training doesn't have Signific and impact on reducing levels of anxiety

		→ -× :
4)	Hn >	Control = Relaxation (stress level)
	110	control & Relaxation
	114	
	2=0.0	5p= 551+555
	df=	15-1=14 9/3/9/Josephir have
Syra	to mus .	22 Tellering Tellering
,	as not by	tical = 2-145 14 = 1-21 = ,96
	201.	tradis 1-31 - Ibrailicant
٤	198.212te	ample = XD Xp = Mean differ
	ha 519 :	00 - 02/18/ 16 18/4 16 c
	May on	SD/Jn Sp= Std. der diffe reme
	Cours	
	38	35
	40	32 335 1 38
	35	30 5
	36	34 2525
20-	35	30288×51 20550N
		32 1
	31	28 3
	30	2707-1
	28	22
10/10	1 Des n 26 oc	+ 22000 2 POYS > stanse+
	24	18
- 33	18	of Macaab graning daysolar
t	27	250 grand grand sugarit sup!

XD = 60 = 4 manages A sisuppido Sp = Std. dov = (4)2+42+1+4+1+16+1+1+4+0+4+0+9+25 = 92/4 = 6.5714 $= \frac{4}{1.6967} = 2.3574$ fall under the tail region & hence Vejeur Null hypothesis therefore the relaxation training Significant effect.

5) \$	µ=16 complaints de X 08=7 8
	X = 18 Complaints de s
	N=10 months 21=1
	S = 2.05
Ve ·	1) Ho - Relexation training document ho
300	Significan effecting coope
	Ha > puflbulence to devel
France	the Relaxables 2005 has signi
	two tailed t-test
	tsample = x-M = 18-16 = 2
	5/5h 2.05/50 0.6482
	3.0854
	The top follow the time to the top the
	tesit > 2-0.05, dof = 9 => 2.262
	texition = 9.045
	3.0857 > 2.262
	under the tail region reject to
	13 delates =
	ptflb so, bigboss will replace
	the manager (x)
	they there were the server of