$|| \frac{1}{p_1(x)}|^2 = \frac{1}{p_2(x)} \times \frac{1}{p_2(x)} = \frac{1}{p_2(x)} \times \frac{1}{p_2(x)} = \frac{1}{p_2(x)} \times \frac{1}{p_2(x)} \times \frac{1}{p_2(x)} = \frac{1}{p_2(x)} \times \frac{1}{p_2(x)} \times \frac{1}{p_2(x)} = \frac{1}{p_2(x)} \times \frac{1}{p_2(x)}$ G: X & B your ode P(x 6 6/M) =2 91.dx=2 ; B=2 6:x≤2 W=P(x & 6/H,)= 5 e-1 dx = E-1 (1-e-1) 11.1. dx dx = 2 1 12 22 10= V22 B 1 x, & C: X, +X, & Z Z - 4/2 1 och W= P(x & 6/41) = c (e-1) / C -1, -12 dx, dx, = = (e-1)2 Sdn, Se-x, -m, 6 -m, 2 t (1-e-B-Be-B)

C) dec. no h &= to = 19 p. (1) In (= 2 In p. 1. w=Pl 6: 8× C => 2= 2n pil3) = h = 1 = h = - 3 7 - MI VDE3 M. MI P(/n + > /n C/H6) = 2 2 6-1 L. Eti - MEG 7 NN(0, V MIZZ M. MEGJ = MI In 2-1 - 37 = In e-1 = = MI3J= Sxp. (N)dx = = 1 (p(x)=1 I It 3 = Dthe - 3] = Dt & J = te DI33= (6-9)2 = 1 In C = n M [2] P(Ine > Inc)= P(\\ \n D[\f]) \\ \n D[\f] VA 2527 In C-n (In == == = 1-x 1n C = h (h == = = = = =) + Un-2 / 12 In 1= 1 In (=-1 e-1) = n/n = - = ni G: Ch (> Ch (; - \frac{1}{2} x, \frac{1}{2} - \frac{1}{2} \frac{1}{12} \frac{1}{1

PELAN WES (K) + 6/Ha JE PINE 1 - U1-2 /Ha); X, =1-W 7-MES] VIN ~ NIQ) W-P(x=2-4-1/4) 14. MIJJ= SX e-+ e-xdx= e-, [-xe-x], + Se-xdx]= = - 1-e"+1-e"] = e-2 2e'-ocus-e'+ gent Mtg27= Jx2 e e x dx = 2e-5 , D [3] = e - 1e-1 W=P(x=A/M)=P(x-ME3) Vn = A-ME37 Vn)= A-ME3] Vn A-MEST VIII 5F57 1 - L' dx 1= (n)=1-(1-F(x)) d) 6: Knin < C Planin El Ho) = Frin (6) =d 1-(1-() = 2 = 2 (=1-1)1=2 Ly = L Wz P (2 min & C (M1) M: F(x) = \$ = = = = = (1-ex) (9,1) W= Frin (c) = 1- (1- = (1-ex) = 7-(1- = 1 (1-ex) = 1 n

1 L2 = 12 N - [7 - E-1 (1 - E - 1) 2 2,=26 ≠ Ho Nor 9 2 3 4 He 14 1/6 1/3 He 14 1/4 1/4 1/4 WAMA P. (x/2 3 5(x-4) 2 \$ 5(x-3) + \$ 5(x-2) + \$ 6(x-1) N14 , g. m/ = = d(x-4) + = d(x-3) + = d(x-2) + = d(x-2) Xn 9:00/= \$ d(x-9) + \$ \frac{1}{4} \delta(x-9) + \frac{1}{4} \delta(x-9) K=f 52 L. 12 P/12 (/4) = 2 = 92 1 1 2 3 9 1 1 1 3/2 3/4 2 1 1 3/2 3/4 H. I 1 2 3 9 1 = 1 1/16 1/16 1/24 1/12 3 3/2 3/2 9/4 9/8 2 1/16 1/16 1/24 1/12 4 3/4 3/4 9/8 3/16 3 1/24 1/24 1/36 1/28 9 1/2 1/2 1/8 1/3 My: ba smem To 第 1 9 3/2 9/3 bodypen l 21 1 8/3 8/3 11/sc 3/6 1/36 1 15/16 1/16 3/16

2, = EL, 4 = C, Ho \$4 E a Coc NAMAX you do co 2 => W= 5/4 x ~N(a, 3) : 9m ~N(6, 1) x = 0,05 x= {-312; -6, 10; 2, 92 } M2 9=6 (x-1) 52 d-2,29; -2,39 b 4: 0 > 6; a < 6; a & 6 $\frac{1}{\sqrt{5x^{2}(n-1)+5^{2}(m-1)}} \sim t(n+m-2)$ $\frac{1}{\sqrt{5x^{2}(n-1)+5^{2}(m-1)}} \sim t(n+m-2)$ D= (-1,536 + 2,6) \ = Tr X-9 N=0313 V 6x + 6x 1) 076 z > Hen our om6 H.

2/028 1-value= 1(0=-12/)= / +13/d= = 317 > 0,05 => he & och. on 3/ a + 8

1- Value = P(18/3/8V= 25 = 0, 274 > 0,05

-00 => Men och. onlynum.