

The test is be This most of my of the first of the sample Sum of the ranks of the first sample or W2 while is the Journ of the James of the Jeane sample. If doesn't matter whether we was W1 or W2 for salves in the search sample and 172 values in the search sample (M) + W2 is the sum かしていし(いしていナール) bigased on the two obsterrations most of the lower of the longer of the lower of Los ashin the the values of My which is the mean of the rand while C. R. W/ +W2 = or W2 while

test based on W, and W2 are equivalent. In an Statistic Wy and No practice we seldom use the fast Statistics Instad We use based on the 花 Helward a actual

4- W- 4(h, +1)

9 1 W2 - h2 (n2 H)

or u = min(m, re)

they label based on N resulting test are themselves more pmg have the advantage that egivenent to the one

cribial values in

かして、ナン Wy ーかんりったり

アナア (こ,+こ、ナー (2,+1)-

72 (n2+1

5 でなったる。 かいい ナルカナルと

2 (4+42)= aninz

ly the is always no and both of the francher variables bake on the same range of the values from a both of the of the values from a both of the of the values from a both of the following basis for testing the following basis for testing the various extensioner.

Attendance hypothesis Refer to it

where the lead of is the largest value critica values of Significance is a for which is an u au son that La for tack does not

ちずる Brand Brand tx Caed & 3 t Xample 00 spuzz 14.5 せいと 15.2 5.8 19 1 RHS 2.1 12.2 3:0 19.8 12.2 69 Dave 5.5h tre 16,6 4.76 18:3 following bunity のたり 16.2 24.2 一年二

The two samples populations ent of B flakes 20.05 50 70 come we from whether OF THE を Sprippente mean tical continous burning trines Theke

Solubian

them (only) want to test Values 3 ostending or crater Lank

Brand A Brand B 上、こ 6/20 3/3 (E) 0,0 (S) @ n いいい [5.3 0 16.2 15.4 18:3 6 (8) 5,81 C 16.6

We kjeet to it 14 5 K28

the will ナロナナナナナナナ 12 +13 +14

りと 2 (2/4) (10

for n=9, n= 10

Mad = No. 10 = 24

and and conclude that on prola neine that an average brand of mean valve time that is less than I 2000

approximated closely by the normal distribution. To perform the given rank sum text on the basis of this assumption, we need the following HENIX When both us and uz it is considered reasonable to assume that the

and variance of the sand heren: Under the null hypothess, the mean ut if and its are

10

1) F(4) = f(42) = 2) Var(4) = Var(42) = MM2 and れれる ストマナチ

9

Tragar complete their diving dillonn Note of 2K 表 lilenes test given number かられがあっ for their Lenewa Women it tone

0-0 かんから 10.27 8,9, 176 0.00 10,8 10 7/2

Women: 600 10,9, Sis 185 × 8 10.7 10:3

matia めてる here 3RC 4 the takes men respectively tes U-test 古一 based on the normal opposiand Momeny averge amous complete

Solution

3 0 Ó 2 0 data 450 3 23/0:8 astending 10,2 order.

inderlihed Values 22 men

n = 15

Panks for run
10 +11 + 14 + 1
27 - 208 6+ 18 + 19 + 20 + 23 + 25 1 n 2+3+5+6+9 ナ

Ranks 13 + 15 + 1-せんと 924 424 11 + 7

5-12/2/ti

(3) (8) 88 =

5 no (not)

7 1/2(13

42 min (4/42)

~ min (88/92)

E(u) = n, n2 285 11 11 * 5

1 (P) /8/ 27 27 r, tn2+1)

n X 412 41

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20:05 :645 2 sided

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ろうで hull -1.665 trapothers 0 Ne 中の do 20 3 Flata

MMM Pedam a 10 13.2 xerias Moning ならか random Jample of 18 S ar the 19.3 15.6 2,0 2.9 mont 22.5 5.61 200 16.8 9.81 tochnicians to Sme 13.6 20.0 16:9 でたっ 200

MINS. Milm If the The the Binarial test. faint the s may test at 0=0.0s to test the mul confiners p measurement ed attemptive anthone からま random

e SONOR! Sihomial. Use mountain sign-rance test value. MAMATIM