

Multiple Conservous.

fandy wise ever rate.

Z: dx Not compersons:

$$\binom{9}{2} = \frac{91}{2!} = 6$$

2 = 0.05 x 6 = .. 30

Bonferroni > resent H; H P: 2 0

d = .05 6

for two failed = . oog df : 28

Gritared t (.oog : 28) = -2.85

f(.ouy; 28) x SE = 1.71

1 and 2 = 2.375

2 and 1 -> 2.375-3 = 0.625 -> [-1.085, 2.33]

3 and 2 -> 5-3 = 2 -> [0.29, 3.71]

Y and 2 -> 7.125 -3 = 4.125 -> [2.415, 5.835]

3 and 1 -> 5-2.375 = 2.625 -> [0.915, 4.33]

4 and 3 -> 7.125-5 = 2.125

4 and 2 -> 7.125-2.375 = 4.75

| _ | 12- 4007 012 | 16-4em ald | |
|------------|--------------|--------------|---------------------------------|
| | 1,5 151,010 | 1,62425, 516 | |
| 30 min | 66 | 74 | n= 5 |
| | 68 | 71 | 68.3 N=20 |
| | 59 | 67 | |
| | 72 | 82 | |
| | 46 | 76 | 4: Reading comprehension |
| | 69 | 95 | |
| | 61. | 92 | |
| 60 prin | 69 | 95 | 74.5 |
| - | 73 | 98 | |
| | 61 | 97 | |
| | 64.6 | 84.4 | 74.5 |
| | 8 | (;) | |
| | | | |
| A(E) - | 62.6 | 74 6 | 3 4 = 1 + × A + B. B. + de (AR) |
| | 66.6 | 894.4 80 | .7 |
| | 64.6 | 84.4 74 | .5 |
| 140 : A, A | 2 = 0 A Mai | effect 100 | |
| | 2=0 B: Ma | //C | |
| | avice esser | LIS CEMB 85 | |
| , , , , , | | 75 | ——A1 |
| | | 70 | ——A2 |
| | | 65 | |
| | | 60 | |
| | | 55 | |

$$SSA = \{0 \times \{(\overline{X}_{k} - \overline{X}_{k})^{2} = \{0 \times \{(68.3 - 74.5)^{2} + (80.7 - 74.5)^{2}\}\}$$

$$SSB = \{0 \times \sum_{j=1}^{2} (\bar{X} - \bar{X})^{2} = \{0 \times \left[(64.6 - 74.5)^{2} + (84.4 - 74.5)^{2} \right]$$

$$= 1960.2$$

$$= \left[\underbrace{\leq \leq (\overline{X}_{i} - \overline{X}_{i} - \overline{X}_{i} + \overline{X}_{i})} \right] \times 5$$

$$MSA = \frac{SSA}{K-1} = \frac{768.8}{1} = 768.8$$

$$MSE = \frac{SSE}{N-K-5-(J-1)(k-1)+1} = \frac{615.2}{16} = 38.45$$

MSA MSE (5)

| Source | 94 | SS | MS | F | P | |
|---------|--------|---------------------------------------|--|---|----------------------------|--|
| Aqe | 1 | 1960.2 | 1960.2 | 50.98 | 2.001 | 11 1 2 1 |
| Time | 1 | 768.8 | 768.8 | 19.99 | 2.001 | |
| gextine | 1 | 352.8 | 352.8 | 9.17 | 0.03 | |
| Error | 16 | 615.2 | 38.45 | | | |
| | | | | | | |
| Total | 19 | 3697 | | | | |
| *** | - | 1 | | 1 | | |
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| | | | | 101 Jan 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | |
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|---|
| 7 |
| |

| N + d; + B; | | 73 | 72 | TI | Subjects |
|--|------|------|-----|-----|----------|
| n=5 | 5.67 | 7 | 6 | Ч | 1 |
| N = 5 | 5.67 | 7 | 3 | 3 | _ 2 |
| and the same of th | S | | 8 | 2 | 3 |
| 40 : None at the pour | 4 | 7 | У | 1 | У |
| an delkert from | 6.3 | 9 | 6 | 7 | 5 |
| each other | | 7.00 | 6.2 | 2.8 | |

$$= 73.33$$

$$= 5 \times \frac{5}{5} (\overline{X}, -\overline{X},)^{2} = (2.8 - 5.33)^{2} + (6.2 - 5.33)^{2} + (7 - 5.33)^{2}$$

$$55_{\text{shat}} = 99.73$$

$$5(\overline{X} - \overline{X})^{2} = (5.67 - 5.33)^{2} + (5.67 - 5.37)^{3} + ... (6.3.5.3)^{2} + (6.3.5.3)^{2} + ...$$

$$= 6.33$$

$$= (4-2.8)^{2} + (3-2.8)^{4} + (9-7)^{2}$$

$$= 23.6$$

| Source | 1 | 55 | WZ | F | |
|-----------------|----|-------|-------|-------|--------------|
| Trial | 2 | 49.73 | 24.86 | 11.51 | 0.03 = F(2.8 |
| SS | 4 | 6.33 | | | ** |
| with.p | 12 | 23.6 | | | |
| with.s Error | 8 | 17.27 | 2.16 | | |