Practice questions

91

For A. we have

(Wage | Exper = 1) = 42,60 + 2,40.1

-0,05.12

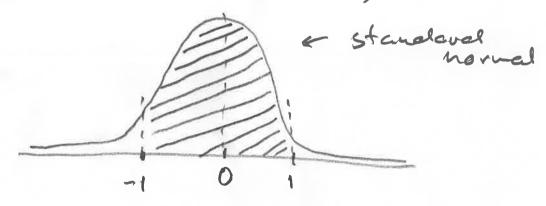
= 44950

=5 A not correct

Find that alternative c. is convect.

Q2

Formal P(-1 2 2 2 1)



P(-1 < 2 < 1) = P(2 < 1) - P(2 < -1)

0,8413 -0,1587

= 0,6826 B

K

460 000 · (1+0,061) = 488 060

Q8

A. Ok

B. Oh

c. ok

D right answer

Q9

Y = Bo + B1 X1 + B2 R2 + B3 X3 + E

Restriction is Bz = B3

= s Restricted madel

Y = B0 + B1 X1 + B3 · X2 + B3 X3 + E = B0 + B1 X1 + B3 (X2 + X3) + E $C2_{10}$ df = n-k-1 = 33-3-1 = 29

Two-faited hest

=5 p-value = 2. p(T = 1+11 Ho)

P(T = 2,4) (goven Mo)

~ 0,012 (a little more

Man 1%)

e little larger than 2%

B

Q_{11} n = 14 dt = n-1 = 14-1

In the table, we find

P(T 2 216) = 0.025

= Arequency of rejection is

then 5 out of 200

=

Q_12 O

Restricted model

$$Y = B_0 + B_2 X_2 + X_3 + E$$

$$Y = B_0 + 0 \cdot X_1 + B_2 X_2 + X_3 + E$$

$$A + B_1 = 0$$

$$B_1 = 0$$

$$B_3 = 1$$

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