Bjørnar's assignment in Gretl

Liena Lesniece

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Inline equations $\theta = 2 + 2$

Exercise 1

Exercise 2

Model 1

$$price_i = \beta_0 + \beta_1 Age_i + u_i$$

a.
b.
c.
d.
e.

Exercise 3

Model 2

$$price_i = \beta_0 + \beta_1 Age_i + \beta_2 WinterRain_i + \beta_3 temp_i + \beta_3 HarvestRain_i + u_i$$

a.
b.
c.

Exercise 4

Model 3

$$price_i = \beta_0 + \beta_1 Dheavyraint_i + \beta_2 tempt_i + \beta_3 temp_i \cdot Dheavyrain_i + u_i$$

a.
b.

Exercise 5

a.
b.

Tips til kode

```
Model 1: OLS, using observations 1-20
Dependent variable: Alder

             coefficient   std. error   t-ratio   p-value
  ---------------------------------------------------------
  const       19.6355       1.96191     10.01     8.82e-09 ***
  Renhet      -1.90617      0.352655    -5.405    3.90e-05 ***

Mean dependent var   10.20000   S.D. dependent var   6.312894
Sum squared resid    288.6646   S.E. of regression   4.004613
R-squared            0.618774   Adjusted R-squared   0.597594
F(1, 18)             29.21604   P-value(F)           0.000039
Log-likelihood      -55.07410   Akaike criterion     114.1482
Schwarz criterion    116.1397   Hannan-Quinn         114.5370
```