CPS1985

Determinants of Wages Data (CPS 1985)

Description

Cross-section data originating from the May 1985 Current Population Survey by the US Census Bureau (random sample drawn for Berndt 1991).

Usage

```
data("CPS1985")
```

Format

A data frame containing 534 observations on 11 variables.

wage

: Wage (in dollars per hour).

education

: Number of years of education.

experience

: Number of years of potential work experience (`age - education - 6`).

age

: Age in years.

ethnicity

: Factor with levels `"cauc"`, `"hispanic"`, `"other"`.

region

: Factor. Does the individual live in the South?

gender

Factor indicating gender.

occupation

Factor with levels `"worker"` (tradesperson or assembly line worker), `"technical"` (technical or professional worker), `"services"` (service worker), `"office"` (office and clerical worker), `"sales"` (sales worker), `"management"` (management and administration).

sector

Factor with levels `"manufacturing"` (manufacturing or mining), `"construction"`, `"other"`.

union

Factor. Does the individual work on a union job?

married

Factor. Is the individual married?

Source

StatLib.

http://lib.stat.cmu.edu/datasets/CPS_85_Wages

References

Berndt, E.R. (1991). *The Practice of Econometrics*. New York: Addison-Wesley.

See Also

`CPS1988`, `CPSSW`

Examples

```
data("CPS1985")

## Berndt (1991)
## Exercise 2, p. 196
cps_2b <- lm(log(wage) ~ union + education, data = CPS1985)
cps_2c <- lm(log(wage) ~ -1 + union + education, data = CPS1985)
```

```
## Exercise 3, p. 198/199
cps_3a <- lm(log(wage) ~ education + experience + I(experience^2),
  data = CPS1985)
cps_3b <- lm(log(wage) ~ gender + education + experience + I(experience^2),
  data = CPS1985)
cps_3c <- lm(log(wage) ~ gender + married + education + experience +
I(experience^2),
  data = CPS1985)
cps_3e <- lm(log(wage) ~ gender*married + education + experience +
I(experience^2),
  data = CPS1985)

## Exercise 4, p. 199/200
cps_4a <- lm(log(wage) ~ gender + union + ethnicity + education + experience
+ I(experience^2),
  data = CPS1985)
cps_4c <- lm(log(wage) ~ gender + union + ethnicity + education * experience
+ I(experience^2),
  data = CPS1985)

## Exercise 6, p. 203
cps_6a <- lm(log(wage) ~ gender + union + ethnicity + education + experience
+ I(experience^2),
  data = CPS1985)
cps_6a_noeth <- lm(log(wage) ~ gender + union + education + experience +
I(experience^2),
  data = CPS1985)
anova(cps_6a_noeth, cps_6a)

## Exercise 8, p. 208
cps_8a <- lm(log(wage) ~ gender + union + ethnicity + education + experience
+ I(experience^2),
  data = CPS1985)
summary(cps_8a)
coeftest(cps_8a, vcov = vcovHC(cps_8a, type = "HC0"))
```