

Fair's Extramarital Affairs Data

Description

Infidelity data, known as Fair's Affairs. Cross-section data from a survey conducted by Psychology Today in 1969.

Usage

```
data("Affairs")
```

Format

A data frame containing 601 observations on 9 variables.

affairs

numeric. How often engaged in extramarital sexual intercourse during the past year?

gender

factor indicating gender.

age

numeric variable coding age in years: 17.5 = under 20, 22 = 20-24, 27 = 25-29, 32 = 30-34, 37 = 35-39, 42 = 40-44, 47 = 45-49, 52 = 50-54, 57 = 55 or over.

yearsmarried

numeric variable coding number of years married: 0.125 = 3 months or less, 0.417 = 4-6 months, 0.75 = 6 months-1 year, 1.5 = 1-2 years, 4 = 3-5 years, 7 = 6-8 years, 10 = 9-11 years, 15 = 12 or more years.

children

factor. Are there children in the marriage?

religiousness

numeric variable coding religiousness: 1 = anti, 2 = not at all, 3 = slightly, 4 = somewhat, 5 = very.

education

numeric variable coding level of education: 9 = grade school, 12 = high school graduate, 14 = some college, 16 = college graduate, 17 = some graduate work, 18 = master's degree, 20 = Ph.D., M.D., or other advanced degree.

occupation

numeric variable coding occupation according to Hollingshead classification (reverse numbering).

rating

numeric variable coding self rating of marriage: 1 = very unhappy, 2 = somewhat unhappy, 3 = average, 4 = happier than average, 5 = very happy.

Source

Online complements to Greene (2003). Table F22.2.

<http://pages.stern.nyu.edu/~wgreene/Text/tables/tablelist5.htm>

References

Greene, W.H. (2003). *Econometric Analysis*, 5th edition. Upper Saddle River, NJ: Prentice Hall.

Fair, R.C. (1978). A Theory of Extramarital Affairs. *Journal of Political Economy*, **86**, 45-61.

See Also

[Greene2003](#)

Examples

```
data("Affairs")
```

```
## Greene (2003)
```

```
## Tab. 22.3 and 22.4
```

```
fm_ols <- lm(affairs ~ age + yearsmarried + religiousness + occupation + rating,
  data = Affairs)
```

```
fm_probit <- glm(I(affairs > 0) ~ age + yearsmarried + religiousness + occupation + rating,
  data = Affairs, family = binomial(link = "probit"))
```

```
fm_tobit <- tobit(affairs ~ age + yearsmarried + religiousness + occupation + rating,
  data = Affairs)
```

```
fm_tobit2 <- tobit(affairs ~ age + yearsmarried + religiousness + occupation + rating,
  right = 4, data = Affairs)
```

```
fm_pois <- glm(affairs ~ age + yearsmarried + religiousness + occupation + rating,  
  data = Affairs, family = poisson)  
  
library("MASS")  
fm_nb <- glm.nb(affairs ~ age + yearsmarried + religiousness + occupation + rating,  
  data = Affairs)  
  
## Tab. 22.6  
library("pscl")  
fm_zip <- zeroinfl(affairs ~ age + yearsmarried + religiousness + occupation + rating | age +  
  yearsmarried + religiousness + occupation + rating, data = Affairs)
```

[Package *AER* version 1.2-4 [Index](#)]