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| InstEval | R Documentation |

**University Lecture/Instructor Evaluations by Students at ETH**

**Description**

University lecture evaluations by students at ETH Zurich, anonymized for privacy protection. This is an interesting “medium” sized example of a *partially* nested mixed effect model.

**Format**

A data frame with 73421 observations on the following 7 variables.

s

a factor with levels 1:2972 denoting individual students.

d

a factor with 1128 levels from 1:2160, denoting individual professors or lecturers.

studage

an ordered factor with levels 2 < 4 < 6 < 8, denoting student's “age” measured in the *semester* number the student has been enrolled.

lectage

an ordered factor with 6 levels, 1 < 2 < ... < 6, measuring how many semesters back the lecture rated had taken place.

service

a binary factor with levels 0 and 1; a lecture is a “service”, if held for a different department than the lecturer's main one.

dept

a factor with 14 levels from 1:15, using a random code for the department of the lecture.

y

a numeric vector of *ratings* of lectures by the students, using the discrete scale 1:5, with meanings of ‘poor’ to ‘very good’.

Each observation is one student's rating for a specific lecture (of one lecturer, during one semester in the past).

**Details**

The main goal of the survey is to find “the best liked prof”, according to the lectures given. Statistical analysis of such data has been the basis for a (student) jury selecting the final winners.

The present data set has been anonymized and slightly simplified on purpose.

**Examples**

str(InstEval)

head(InstEval, 16)

xtabs(~ service + dept, InstEval)