Growth curves of pigs in a 3x3 factorial experiment

Description

The `dietox` data frame has 861 rows and 7 columns.

Usage

`dietox`

Format

This data frame contains the following columns:

Weight

> Weight in Kg

Feed

> Cumulated feed intake in Kg

Time

> Time (in weeks) in the experiment

Pig

> Factor; id of each pig

Evit

> Factor; vitamin E dose; see 'details'.

Cu

> Factor, copper dose; see 'details'

Start

> Start weight in experiment, i.e. weight at week 1.

Litter

> Factor, id of litter of each pig

Details

Data contains weight of slaughter pigs measured weekly for 12 weeks. Data also contains the startweight (i.e. the weight at week 1). The treatments are 3 different levels of Evit = vitamin E (dose: 0, 100, 200 mg dl-alpha-

tocopheryl acetat /kg feed) in combination with 3 different levels of Cu=copper (dose: 0, 35, 175 mg/kg feed) in the feed. The cumulated feed intake is also recorded. The pigs are littermates.

Source

Lauridsen, C., Højsgaard, S.,Sørensen, M.T. C. (1999) Influence of Dietary Rapeseed Oli, Vitamin E, and Copper on Performance and Antioxidant and Oxidative Status of Pigs. J. Anim. Sci.77:906-916

Examples

```
data(dietox)
head(dietox)
## Not run:
if (require(ggplot2)){
  qplot(Time, Weight, data=dietox, col=Pig) + geom_line() +
        theme(legend.position = "none") + facet_grid(Evit~Cu)
} else {
  coplot(Weight ~ Time | Evit * Cu, data=dietox)
}

## End(Not run)
```