

PH in pigs

Key words: Repeated measures.

Description

To investigate the effect of injection of Porcine Growth Hormone (PGH) on pH (among other things) a block experiment was carried out with two pigs from each of 6 litters (= blocks). There were two treatments:

- 1) control
- 2) pgh (daily injection with 0.08 mg Porcine Growth Hormone)

Apart from several other measurements the pH in the meat was measured 20 times from 30 minutes after until 24 hours after slaughter. There were 10 litters in the experiment but pH was measured for only 6 of these. The data set is shown below with two lines for each pigs. The order of the data is: treatment, litter, pig number, followed by pH measurements at 30, 45, 60, 75, 90, 105, 120, 150, 180, 210, 240, 270, 300, 330, 360, 390, 420, 450, 480, 1440 minutes after slaughter.

Number of observations: 240

Variable	Description
treatm	Values 1,2
litter	Values 2,4,5,6,8,10
pigno	Numbered 21,22,41,42,51,52,61,62,81,82,101,102
min	Minutes after slaughter (30,...,1440)
ph	pH measurements

Source

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Analysis