

[Datasets for Statistical Analysis](#)
[Home](#)[Techniques Index](#)[Application Index](#)

Datasets for Statistical Analysis

[Back to Datasets home](#)

Danish lung cancer

[Access data file](#)

Keywords:

cancer

Categories:generalized linear models
health**Description:**

The data gives the number of cases of lung cancer in four Danish cities between 1968 and 1971 inclusive. There are 24 observation on four variables.

Variables:

Cases The number of lung cancer cases

Pop The population of each age group in each city

Age The age group; one of 40–54, 55–59, 60–64, 65–74 or >74

City The city; one of Fredericia, Horsens, Kolding or Vejle

Data Quality:

There are no missing values.

Source:

James K Lindsey (1995). *Modelling frequency and count data*, Clarendon Press, page 157.

Notes:**References:**

Andersen, E. B. (1977). Multiplicative Poisson models with unequal cell rates, *Scandinavian Journal of Statistics*, **4**, pages 153–158.