

24. Snoring and heart disease

Norton, P.G. and Dunn, E.V. (1985) Snoring as a risk factor for disease: an epidemiological survey, *British Medical Journal*, 291, 630-632.

The data come from a report of a survey which investigated whether snoring was related to various diseases. Those surveyed were classified according to the amount they snored, on the basis of reports from their spouses. These particular data relate to the presence or absence of heart disease. One question for the analysis is how to take account of the ordered nature of the snoring categories. The authors used scores 1, 3, 5 and 6 respectively for the four snoring groups and used a chi-squared test for trend.

Numbers of subjects:

Heart disease	Non-snorers	Occasional snorers	Snore nearly every night	Snore every night	Total
Yes	24	35	21	30	110
No	1355	603	192	224	2374
Total	1379	638	213	254	2484