

47. Cholesterol and behaviour type

Selvin, S. (1991) *Statistical analysis of epidemiological data*, New York: Oxford University Press, Table 2.1.

The data come from the Western Collaborative Group Study, which was carried out in California in 1960–61 and studied 3,154 middle-aged men to investigate the relationship between behaviour pattern and the risk of coronary heart disease. These particular data were obtained from the 40 heaviest men in the study (all weighing at least 225 pounds) and record cholesterol measurements (mg per 100 ml), and behaviour type on a twofold categorization. In general terms, type A behaviour is characterized by urgency, aggression and ambition, while type B behaviour is relaxed, non-competitive and less hurried. The question of interest is whether, in heavy middle-aged men, cholesterol level is related to behaviour type.

Type A behaviour: cholesterol levels

233	291	312	250	246	197	268	224	239	239
254	276	234	181	248	252	202	218	212	325

Type B behaviour: cholesterol levels

344	185	263	246	224	212	188	250	148	169
226	175	242	252	153	183	137	202	194	213