

## 9. Weight gain in rats

Snedecor, G.W. and Cochran, G.C. (1967) *Statistical Methods*, 6th edition, Ames, Iowa: Iowa State University Press, 347.

The data come from an experiment to study the gain in weight of rats fed on four different diets, distinguished by amount of protein (low and high) and by source of protein (beef and cereal). The design of the experiment is completely randomized with ten rats on each of the four treatments (which have a complete factorial structure).

Weight gains of rats:

Protein source Protein amount	Beef Low	Beef High	Cereal Low	Cereal High
	90	73	107	98
	76	102	95	74
	90	118	97	56
	64	104	80	111
	86	81	98	95
	51	107	74	88
	72	100	74	82
	90	87	67	77
	95	117	89	86
	78	111	58	92