

36. Yields of winter wheat

Lyons, R. (1980) *A review of multidimensional scaling*, Unpublished M.Sc. dissertation, University of Reading.

The data give the yields of winter wheat in each of the years 1970-1973 at twelve different sites in England. Can general conclusions be drawn about the pattern of the yields in different years and at different sites?

This analysis is also presented on pages 144-145 of Krzanowski, W.J. (1988) *Principles of multivariate analysis*, Oxford: Oxford University Press. Many other graphical displays are possible.

Yields of winter wheat (kg per unit area):

Site	Year			
	1970	1971	1972	1973
Cambridge	46.81	39.40	55.64	32.61
Cockle Park	46.49	34.07	45.06	41.02
Harpers Adams	44.03	42.03	40.32	50.23
Headley Hall	52.24	36.19	47.03	34.56
Morley	36.55	43.06	38.07	43.17
Myerscough	34.88	49.72	40.86	50.08
Rosemaund	56.14	47.67	43.48	38.99
Seale-Hayne	45.67	27.30	45.48	50.32
Sparsholt	42.97	46.87	38.78	47.49
Sutton Bonington	54.44	49.34	24.48	46.94
Terrington	54.95	52.05	50.91	39.13
Wye	48.94	48.63	31.69	59.72