

10. Weight of chickens

Snee, R.D. (1985) Graphical display of results of three-treatment randomized block experiments. *Applied Statistics*, 34, 71–7.

A randomized blocks experiment was carried out to investigate a drug added to the feed of chicks in an attempt to promote growth. The comparison is between three treatments: standard feed (control), standard feed plus low dose of drug, standard feed plus high dose of drug. The experimental unit is a group of chicks, reared and fed together in the birdhouse. The experimental units are grouped three to a block, with

physically adjacent units going in the same block. The response is the average weight per bird at maturity for the group of birds in each experimental unit.

Average weight of birds in pounds:

Block	Control	Low dose	High dose
1	3.93	3.99	3.96
2	3.78	3.96	3.94
3	3.88	3.96	4.02
4	3.93	4.03	4.06
5	3.84	4.10	3.94
6	3.75	4.02	4.09
7	3.98	4.06	4.17
8	3.84	3.92	4.12