

Subject n°34

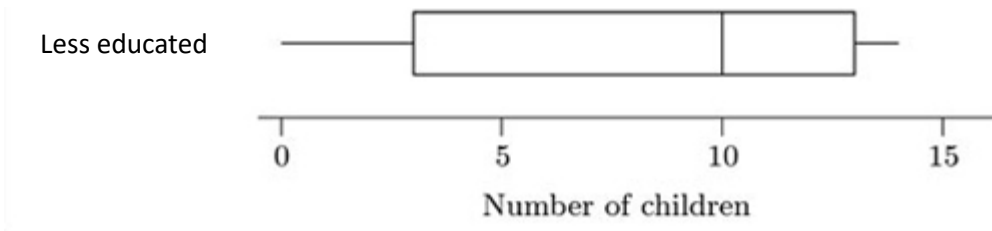
STATISTICS

The table below contains data on the sizes (numbers of children) of the completed families of two samples of mothers in Ontario. One sample of mothers had had fewer years of education than the other sample (six years or less for mothers in the first sample, and seven years or more – corresponding to the age of 12 - for those in the other sample).

Keyfitz, N. (1953) A factorial arrangement of comparisons of family size. American J. Sociology, 53, 470–480.

Mother educated for seven years or more

0	4	0	2	3	3	0	4	7	1	9	4	3	2	3	2	6	6	0	1	3	6	6	5	9	10	5	4	3	3	5	2	3	5	1	5	5
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1. Compare the two samples of data.
2. What conclusions can you draw regarding the number of children & the education level of the mother in 1953?
3. If this study was made today, what will be observed?