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**Critical values for the Mood test of equality of dispersion.** (English) Zbl 1134.62008

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Summary: An exhaustive unconditional permutation distribution of a test statistic is necessary in the construction of exact tests of significance. Tables of exact critical values for the Mood test are scarce. In this paper, the exact permutation distribution of the Mood test statistic is generated empirically by actually obtaining all the distinct permutations of the variates in an experiment. The tables of exact critical values for the Mood test are produced.

**MSC:**

**62E15** Exact distribution theory in statistics

**62Q05** Statistical tables

**62G10** Nonparametric hypothesis testing