

Kawamura, Kazutomo

The condition for an approximation of Poisson distribution to Bernoulli sums in multivariate distribution. (English) [Zbl 0661.62038](#)

Kodai Math. J. 11, No. 2, 280-286 (1988).

A problem concerning necessary conditions for the approximation of Poisson distributions by the sum of independent Bernoulli sequences in the multivariate case is discussed. One of the conditions proved by the author is $Np_i \rightarrow \lambda_i$ as $N \rightarrow \infty$ for $i \in E$, where $E = \{0, 1\}^n - 0$, $0 = (0, 0, \dots, 0)$.

Reviewer: Su Chun

MSC:

[62H10](#) Multivariate distribution of statistics
[62E20](#) Asymptotic distribution theory in statistics
[60F05](#) Central limit and other weak theorems

Cited in 1 Document

Keywords:

approximation of Poisson distributions; sum of independent Bernoulli sequences; multivariate case

Full Text: [DOI](#)

References:

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