

## On Hájek's Conjecture in Stratified Sampling

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*Abstract:* In the paper a conjecture by Jaroslav Hájek, concerning asymptotic relations between including probabilities in conditional Poisson sampling and parameters of Poisson sampling in the case that a finite population is divided into strata, is verified. An alternative proving method to that proposed by Hájek is used.

*Keywords:*

*AMS Subject Classification:*