

## **COMPARATIVE ANALYSIS OF VARIANCE UNDER SAMPLES ALLOCATION FOR DEVELOPMENTAL PROGRAM EVALUATION**

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- **ABSTRACT:** Evaluation of program, implemented at large scale in different phases can be ascertained by proper allocation of sampling units from each phase of program for further analysis. Method has been proposed for sample allocation in different strata (phase) with consideration that impacts in successive phases (implemented at different time) follow arithmetic progression (Pandey and Verma, 2008). Present paper proposes variance for the design under the allocation method. Comparison has also been made and discussed with the variance of proportional and optimum allocation methods.
- **KEYWORDS:** Impact evaluation; sample allocation; arithmetic progression; weight; efficiency.

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