

Politechnika Wrocławska

Faculty of Pure and Applied Mathematics

Field of study: Applied Mathematics

Specialty: not applicable

Engineering Thesis

HYPOTHESIS TESTING AND ESTIMATION IN THE CASE OF FINITE POPULATION SIZE

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keywords: hypothesis testing confidence intervals medical applications

Short summary:

The problem of hypothesis testing and estimation in the case of finite population size was considered in the thesis. Two schemes of sampling, for infinite and finite population, were presented and compared. Three statistical tests were described. Simulations studies were carried out in order to compare tests. Finally, one test was chosen, which is the best for small population size.

Supervisor	dr inż. Andrzej Giniewicz		
	Title, degree, name and surname	Grade	Signature

For the purposes of archival thesis qualified to: *

- a) Category A (perpetual files)
- b) Category BE 50 (subject to expertise after 50 years)
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