

Comparison of efficiencies of some symmetry tests around an unknown center

Bojana Milošević¹ and Marko Obradović¹

¹Faculty of Mathematics, University of Belgrade, bojana@matf.bg.ac.rs, marcone@matf.bg.ac.rs

In this paper, some recent and classical tests of symmetry are modified for the case of an unknown center. The unknown center is estimated with its α -trimmed mean estimator. The asymptotic behavior of the new tests is explored. The local approximate Bahadur efficiency is used to compare the tests to each other as well as to some other tests.

References

- [1] B. Milošević and M. Obradović, Comparison of Efficiencies of Symmetry Tests around Unknown Center, arXiv preprint, arXiv:1710.10261