

Basic properties of generalized ψ -estimators

By MÁTYÁS BARCZY (Szeged) and ZSOLT PÁLES (Debrecen)

Dedicated to the memory of Professor Zoltán Daróczy

Abstract. We establish several properties of (weighted) generalized ψ -estimators introduced by Barczy and Páles in 2022: mean-type, monotonicity and sensitivity properties, bisymmetry-type inequality, and some asymptotic and continuity properties. We also illustrate these properties by providing several examples including statistical ones as well.

MÁTYÁS BARCZY
HUN-REN-SZTE ANALYSIS AND
APPLICATIONS RESEARCH GROUP
BOLYAI INSTITUTE
UNIVERSITY OF SZEGED
ARADI VÉRTANÚK TERE 1
H-6720 SZEGED
HUNGARY

ZSOLT PÁLES
INSTITUTE OF MATHEMATICS
UNIVERSITY OF DEBRECEN
P. O. BOX 400
H-4002 DEBRECEN
HUNGARY

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