



STATISTICS IN TRANSITION

new series

**An International Journal of the Polish Statistical Association
and Statistics Poland**

CONTENTS

From the Editor	I
Submission information for authors	V
Research articles	
Verma V., Nath D. C. , Characterization of the sum of binomial random variables under ranked set sampling	1
Abduljaleel M., Midi H., Karimi M. , Outlier detection in the analysis of nested Gage R&R, random effect model	31
Kumar D., Malik M. R. , Generalized Pareto distribution based on generalized order statistics and associated inference	57
Khare B. B., Sinha R. R. , Estimation of product of two population means by multi-auxiliary characters under double sampling the non-respondents	81
Komorowska O., Kozłowski A., Słaby T. , Comparative analysis of poverty in families with a disabled child and families with non-disabled children in Poland in the years 2014 and 2016	97
Yaya O. S., Ogbonna A. E., Akintande O. J., Adegoke H. M. , CPI inflation in Africa: fractional persistence, mean reversion and nonlinearity	119
Roszka W. , Spatial microsimulation of personal income in Poland at the level of subregions	133
Other articles:	
<i>Multivariate Statistical Analysis 2018, Łódź. Conference Papers</i>	
Budny K. , Power generalization of Chebyshev's inequality – multivariate case	155
<i>XXVII Conference on „Classification and Data Analysis – Theory and Applications” (Ciechocinek, 10-12 September 2018)</i>	
Landmesser J. M. , Decomposition of gender wage gap in Poland using counterfactual distribution with sample selection	171
<i>Announcement</i>	
Special Issues on Statistical Data Integration	187
About the Authors	189