

NICKOS (NIKOLAOS) D. PAPADATOS
CURRICULUM VITAE

BIOGRAPHICAL: Born 25 May 1967 in Piraeus, Greece. Greek citizen.

ADDRESS: Department of Mathematics, Section of Statistics and O.R., National and Kapodistrian University of Athens, Panepistemiopolis 157 84, Athens, Greece. **Tel:** +30-210-727 6353, +30-210-727 6382 **Fax:** +30-210-727 6381 **E-mail:** npapadat@math.uoa.gr **Internet:** <http://users.uoa.gr/~npapadat/>

EDUCATION:	B.Sc.	University of Patras, Greece	1989
	M. Sc.	University of Athens, Greece	1990
	Ph.D.	University of Athens, Greece	1993

POSITIONS:	1996:	University of Athens, Greece	Special Scientist (Law 407/80)
	1997-2000:	University of Cyprus, Cyprus	Lecturer
	2000-2005:	University of Athens, Greece	Assistant Professor
	January-June 2005:	University of Cyprus, Cyprus	Visiting Assistant Professor
	2005-2007:	University of Athens, Greece	Assistant Professor (permanent)
	2007- today:	University of Athens, Greece	Associate Professor

RESEARCH INTERESTS: Order Statistics, Total Variation Distance, Limit Theorems, Measures of Dependence, Covariance Identities, Variance Inequalities.

RESEARCH GRANTS: 1996-1997 PENED (No: 1369). Coordinator Th. Cacoullos.

2000-2001: Kapodistrias, No 70/4/5637

2002-2003: Kapodistrias, No 70/4/5637

2004-2005: Kapodistrias, No 70/4/5637

2006-2007: Kapodistrias, No 70/4/5637

2008-2010: Kapodistrias, No 70/4/5637

2014-2015: ARISTEIA II, "Stochastic Optimization under Incomplete Information", European Social Fund and National Resources (Coordinator A. Burnetas).

MASTER STUDENTS:	G. Psarrakos	2001
	E. Tzougoulouglou	2002
	A. Antoniou	2004
	A. Pantelous	2005
	C. Mouratides	2005
	I. Doumas	2007
	S. Kokolis	2008
	V. Baltsavias	2008

T. Xifara	2009
A. Lianou	2012
K. Psaltis	2013
I. Mpotsis	2014
E. Chalatsi	2015
E. Karidis	2016
V. Theodoropoulou	2018

PhD STUDENTS: G. Afendras 2008

G. Afendras has served as Visiting Lecturer in the University of Cyprus (2009-14) and as a Post-Doc Scientist and Research Associate at Buffalo University (2014-17). Recently (September 2017), G. Afendras was elected as an Assistant Professor in the Dept. of Mathematics of the University of Thessaloniki, Greece.

SCIENTIFIC ACTIVITIES

Member of the Greek Statistical Institute (GSI), since 1994.

Organizer of Pan-Hellenic High-School Competitions in Probability (Lefkopouleio).

Co-organizer of the Greek Conference in Analysis (Cyprus 1999).

Co-organizer of the International Conference “5th Lattice Path Combinatorics and Discrete Distributions”, Athens, Greece 2002.

Session Organizer of the International Conference on “Current Advances and Trends in Nonparametric Statistics”, Crete, Greece 2002.

Director of Section of Statistics and Operations Research, Dept. of Mathematics, University of Athens (2011-13).

Co-chair of the one day meeting on Probability and Statistics (in honor of Professors Emeriti Ch.A. Charalambides and O. Chrysafinou), Athens 2013.

Member of the Organizing/Scientific Committee, 12th conference on Ordered Statistical Data (OSD 2016), University of Piraeus, May 2016.

Member of the Scientific Committee, 13th conference on Ordered Statistical Data (OSD 2018), Cadiz (Spain), May 2018.

Member of the Scientific Committee, GASCom 2018, Harokopio University, Athens, June 2018.

INTERNATIONAL CONFERENCES and MEETINGS

49th Session of the International Statistical Institute, Firenze, Italy, 1993.

International Conference on Recent Advances in Probability and Statistics, Athens, Greece, 1999 (in honour of Professor Theofilos Cacoullos).

International Conference “Mathematics and the 21st Century”, Cairo, Egypt, 2000.

2nd International Conference on Mathematical Methods in Reliability (MMR 2000), Bordeaux, France, 2000.

Bounds and Characterizations for Ordered Statistical Data, *Research group meeting*, Banach-Center, Warsaw, Poland, 2002.

5th Lattice Path Combinatorics and Discrete Distributions, Athens, Greece, 2002.

International Conference on Current Advances and Trends in Nonparametric Statistics, Crete, Greece, 2002.

Characterizations and Bounds for Ordered Statistical Data, *Mini-School*, Banach-Center, Warsaw, Poland, 2003.

6th Hellenic European Conference on Computer Mathematics and its Applications (HERCMA 2003), Athens, Greece, 2003.

International Conference on Ordered Statistical Data: Approximations, Bounds and Characterizations, Institute of Mathematics of the Polish Academy of Science / Faculty of Mathematics and Information Science of the Warsaw University of Technology, Warsaw, Poland, 2004.

International Conference on Ordered Statistical Data: Approximations, Bounds and Characterizations, Izmir University of Economics, Izmir, Turkey, 2005.

7th Hellenic European Conference on Computer Mathematics and its Applications, (HERCMA 2005), Athens, Greece, 2005.

International Conference on Ordered Statistics and Inequalities: Theory and Applications, Amman, Jordan, 2007.

10th International Conference on Ordered Statistical Data and their applications, Murcia, Spain, 2012.

1st Conference of the International Society for NonParametric Statistics (ISNPS), Chalkidiki, Greece, 2012.

One day Workshop on Probability and Statistics, Athens, Greece, 2013 (in honor of Professors Emeriti C.A. Charalambides and O. Chrysafinou).

11th International Conference on Ordered Statistical Data, Bedlewo, Poland, 2014.

12th International Conference on Ordered Statistical Data, Piraeus, Greece, 2016.

Workshop on Ordered Statistical Data, Bedlewo 2017, Poland

LIST OF PUBLICATIONS

(a) Ph.D. Dissertation

[0] "Contribution to the Theory of Order Statistics and to the Approximation of Distributions" (in Greek), Department of Mathematics, University of Athens, Greece 1993.

(b) Refereed papers

The full text of the following papers is available as a .pdf file from the web page

<http://users.uoa.gr/~npapadat/papers/>

[For MathSciNet Reviews click here](#)

For a description of the research form the author see [here](#)

(i) Published

[1] Intermediate order statistics with applications to nonparametric estimation, Papadatos, N., *Statistics and Probability Letters* **22** (1995), 231-238.

[2] Maximum variance of order statistics, Papadatos, N., *Annals of the Institute of Statistical Mathematics* **47** (1995), 185-193.

[3] Distance in variation between two arbitrary distributions via the associated w-functions, Papadatos, N. and Papathanasiou, V., *Theory of Probability and its Applications* **40** (1995), 685-694.

[4] Distance in variation and a Fisher - type information, Papadatos N. and Papathanasiou V., *Mathematical Methods of Statistics* **4** (1995), 230-237.

[5] A generalization of variance bounds, Papadatos, N. and Papathanasiou, V., *Statistics and Probability Letters* **28** (1996), 191-194.

- [6] A note on maximum variance of order statistics from symmetric populations, Papadatos, N., *Annals of the Institute of Statistical Mathematics* **49** (1997), 117-121.
- [7] Exact bounds for the expectations of order statistics from non-negative populations, Papadatos, N., *Annals of the Institute of Statistical Mathematics* **49** (1997), 727-736.
- [8] Variance inequalities for covariance kernels and applications to central limit theorems, Cacoullos, T., Papadatos, N. and Papathanasiou, V., *Theory of Probability and its Applications* **42** (1997), 195-201, SIAM 149-155.
- [9] Total variation distance and generalized covariance kernels, Papadatos, N. and Papathanasiou, V., *Mathematical Methods of Statistics* **7** (1998), 230-244.
- [10] Variational inequalities for arbitrary multivariate distributions, Papadatos, N. and Papathanasiou, V., *Journal of Multivariate Analysis* **67** (1998), 154-168.
- [11] Three elementary proofs of the central limit theorem with applications to random sums, Cacoullos, T., Papadatos, N. and Papathanasiou, V., In: *Stochastic Processes and Related Topics* (I. Karatzas, B.S. Rajput and M.S. Taquq, Eds.), 1998, Birkhauser, Boston, pp. 15-23.
- [12] Upper bound for the covariance of extreme order statistics from a sample of size three, Papadatos, N., *Sankhya Ser. A* **61** (1999), 229-240.
- [13] Expectation bounds on linear estimators from dependent samples, Papadatos, N., *Journal of Statistical Planning and Inference* **93** (2001), 17-27.
- [14] Distribution and expectation bounds on order statistics from possibly dependent variates, Papadatos, N., *Statistics and Probability Letters* **54** (2001), 21-31.
- [15] Unified variance bounds and a Stein-type identity, Papadatos, N. and Papathanasiou, V., In: *Probability and Statistical Models with Applications* (Ch. A. Charalambides, M.V. Koutras and N. Balakrishnan, Eds.), 2001, Chapman & Hall/CRC, New York, pp. 87-100.
- [16] An application of a density transform and the local limit theorem, Cacoullos, T., Papadatos, N. and Papathanasiou, V., *Theory of Probability and its Applications* **46** (2001), 699-707, SIAM 803-810.
- [17] The use of spacings in the estimation of a scale parameter, Balakrishnan, N. and Papadatos, N., *Statistics and Probability Letters* **57** (2002), 193-204.
- [18] Poisson approximation for a sum of dependent indicators: an alternative approach, Papadatos, N. and Papathanasiou, V., *Advances in Applied Probability* **34** (2002), 609-625.
- [19] Bounds on expectation of order statistics from a finite population, Balakrishnan, N., Charalambides, C. and Papadatos, N., *Journal of Statistical Planning and Inference* **113** (2003), 569-588.
- [20] Multivariate covariance identities with an application to order statistics, Papadatos, N. and Papathanasiou, V., *Sankhya* **65** (2003), 307-316.

- [21] Bounds on expectations of L -statistics from without replacement samples, Papadatos, N. and Rychlik, T., *Journal of Statistical Planning and Inference* **124** (2004), 317-336.
- [22] Heteroscedastic one-way ANOVA and lack of fit tests, Akritas, M. and Papadatos, N., *Journal of the American Statistical Association* **99** (2004), 368-382.
- [23] The q -factorial moments of discrete q -distributions and a characterization of the Euler distribution, Charalambides, C. and Papadatos, N. In: *Advances on Models, Characterizations and Applications* (N. Balakrishnan et al Eds.), 2004, CRC Press, Boca Raton, pp. 47-58.
- [24] Characterizations of discrete distributions using the Rao-Rubin condition, Papadatos, N. *Journal of Statistical Planning and Inference* **135** (2005), 222-228.
- [25] On Rychlik's expectation bound for L -estimates based on identically distributed variates, Papadatos, N., In: *Recent Developments in Ordered Random Variables* (M. Ahsanullah and M.Z. Raqab, Eds.), 2007, Nova Science Publishers, New York, pp. 39-53.
- [26] The discrete Mohr and Noll inequality with applications to variance bounds, Afendras, G.; Papadatos, N. and Papathanasiou, V., *Sankhya* **69** (2007), 162-189. (see also [\[26b\]](#), Technical Report TR_11_2007, Dept. of Maths and Stats, University of Cyprus)
- [27] An extended Stein-type covariance identity for the Pearson family, with applications to lower variance bounds, Afendras, G.; Papadatos, N. and Papathanasiou, V., *Bernoulli* **17** (2011), No 2, 507-529.
- [28] On matrix variance inequalities, Afendras, G. and Papadatos, N. *Journal of Statistical Planning and Inference* **141** (2011), 3628-3631.
- [29] Linear estimation of location and scale parameters using partial maxima, Papadatos, N., *Metrika* **75** (2012), 243-270.
- [30] Self-inverse and exchangeable random variables, Cacoullos, T. and Papadatos, N., *Statistics and Probability Letters* **83** (2013), 9-12.
- [31] A simple method for obtaining the maximal correlation coefficient and related characterizations, Papadatos, N. and Xifara, T., *Journal of Multivariate Analysis* **118** (2013), 102-114.
- [32] Some counterexamples concerning maximal correlation and linear regression, Papadatos, N. *Journal of Multivariate Analysis* **126** (2014), 114-117.
- [33] An extension of the disc algebra, II, Nestoridis, V.; Papadatos, N., *Complex Variables and Elliptic Equations* **59** (2014), 1003-1015.
- [34] Strengthened Chernoff-type variance bounds, Afendras, G. and Papadatos, N., *Bernoulli* **20** (2014), No 1, 245-264.
- [35] Integrated Pearson family and orthogonality of the Rodrigues polynomials: A review including new results and an alternative classification of the Pearson system, Afendras, G. and Papadatos, N., *Applicationes Mathematicae* **42**(2-3) (2015), 231-267.

[36] Maximizing the expected range from dependent observations under mean-variance information, Papadatos, N., *Statistics* **50**(3) (2016), 596-629.

[37] On sequences of expected maxima and expected ranges, Papadatos, N., *Journal of Applied Probability* **54** (2017), 1144-1166.

[38] A factorial moment distance and an application to the matching problem, Afendras, G. and Papadatos, N., *Theory of Probability and its Application* **62** (2017), 617-628.

[39] Orthogonal polynomials in the cumulative Ord family and its application to variance bounds, Afendras, G.; Balakrishnan, N.; Papadatos, N., *Statistics* **52**(2), 364-392.

(ii) Submitted for Publication

[40] On the limiting distribution of sample central moments, Afendras, G; Papadatos, N; Piperigou, V.

INVITATIONS

Dept. of Mathematics and Statistics, McMaster University, Ontario, Canada, June 1998.

International Conference on Recent Advances in Probability and Statistics (in honour of Professor Theofilos Cacoullos), Athens, Greece, June 1999.

Second International Conference on Mathematical Methods in Reliability (MMR 2000), Bordeaux, France, July 2000.

Dept. of Statistics, Penn. State University, PA, USA, April 2001.

“Bounds and Characterizations of Ordered Statistical Data”, Research group meeting, Institute of Mathematics, Polish Academy of Sciences, Warsaw, Poland, May 2002.

“Characterizations and Bounds for Ordered Statistical Data”, Mini-School, Institute of Mathematics, Polish Academy of Sciences, and Warsaw University of Technology, Warsaw, Poland, May 2003.

6th Hellenic European Conference on Computer Mathematics and its Application (HERCMA 2003), Athens, Greece, September 2003.

International Conference on “Ordered Statistical Data: Approximations, Bounds and Characterizations”, Institute of Mathematics of the Polish Academy of Science, and Warsaw University of Technology, Warsaw, Poland, May 2004.

International Conference on “Ordered Statistical Data: Approximations, Bounds and Characterizations” Izmir University of Economics, Izmir, Turkey, June 2005.

7th Hellenic European Conference on Computer Mathematics and its Application (HERCMA 2005), Athens, Greece, September 2005.

International Conference on Ordered Statistics and Inequalities: Theory and Applications, Amman, 2007, Jordan.

10th International Conference on Ordered Statistical Data and their applications, Murcia 2012, Spain.

1st Conference of the International Society for NonParametric Statistics (ISNPS), Χαλκιδική 2012.

11th International Conference on Ordered Statistical Data, Bedlewo 2014, Poland.

Dept. of Statistics, Penn State University, PA, USA, February 2015.

Dept. of Biostatistics. University at Buffalo, USA, March 2015.

Dept. of Mathematics and Statistics , McMaster University, Ontario, Canada, March 2015.

Workshop on Ordered Statistical Data, Bedlewo, Poland, May 2017.

ORGANIZING/SCIENTIFIC COMMITTEE

Member of the Organizing Committee, Panhellenic Conference of Mathematical Analysis, Nicosia, Cyprus, 1999.

Member of the Organizing Committee, 5th Lattice Path Combinatorics and Discrete Distributions, Athens, Greece, 2002.

Member of the Organizing Committee (session organizer), International Conference on Current Advances and Trends in Nonparametric Statistics, Crete, Greece, 2002.

Member of the Organizing Committee (session organizer), 1st Conference of the International Society for NonParametric Statistics (ISNPS), Chalkidiki, Greece, 2012.

Member of the Organizing Committee (co-chair), One day meeting on Probability and Statistics (in honor of Professors Emeriti Ch.A. Charalambides and O. Chrysafinou), Athens, Greece, 2013.

Member of the Organizing/Scientific Committee, 12th conference on Ordered Statistical Data (OSD 2016), University of Piraeus, Greece, May 2016.

Member of the Scientific Committee, 13th conference on Ordered Statistical Data (OSD 2018), Cadiz (Spain), May 2018.

Member of the Organizing Committee, GASCom 2018, Harokopio University, Athens, June 2018.

EDITORIAL

Associate Editor for *Journal of Nonparametric Statistics* (January 2008-December 2011)

REFEREE for the Journals

Annals of the Institute of Statistical Mathematics

Annals of Operations Research

Annals of Statistics

Bulletin of the Greek Mathematical Society

Communications in Statistics: Theory and Methods

Communications in Statistics: Simulation and Computation

Computational Statistics

Demonstratio Mathematica

Journal of the American Statistical Association

Journal of the Egyptian Mathematical Society

Journal of the Iranian Statistical Society

Journal of Multivariate Analysis

Journal of Mathematical Analysis and Applications

Journal of Nonparametric Statistics

Journal of Statistical Planning and Inference

IEEE Transactions in Reliability

Metron

Naval Research Logistics

Statistical Papers

Statistics
Statistics and Probability Letters
Statistical Methodology
Surveys in Mathematics and its Applications
The Statistician (Journal of the Royal Statistical Society, Series D)

CITATIONS

h-index =8 (Scopus, excluding self-citations); h-index=13, i10-index=18 (Google Scholar). 220 citations from 163 documents are shown in Scopus (note that Scopus includes only 28 among the 39 published papers). In Google Scholar, a totality of 449 citations are found (among them, 176 appear in or after the year 2013).

In particular, the following citations are known to me:

2018

Miziula, P., Navarro, J. Bounds for the reliability functions of coherent systems with heterogeneous components (2018) *Applied Stochastic Models in Business and Industry*, 34 (2), pp. 158-174.

Shuai, Q., Li, V.O.K. Latency Analysis of Flexible Redundant Scheme in MDS-Coded Distributed Storage Systems (2018) 2017 IEEE Global Communications Conference, GLOBECOM 2017 - Proceedings, 2018-January, pp. 1-6.

Kozyra, P.M., Rychlik, T. Upper and lower bounds on the variances of linear combinations of the k th records (2018) *Statistics*, 52 (1), pp. 177-204.

JIANG, H., WU, Q. Robust dependence measure for detecting associations in large data set (2018) *Acta Mathematica Scientia*, 38 (1), pp. 57-72.

Tran Loc Hung, Some Results on Approximation for Distributions of Random Sums by Poisson Distribution, *Vietnam Journal of Mathematics*, (2018), 1-14

Keiji Matsumoto, On monotone metric of classical channel and distribution spaces: asymptotic theory, [arXiv:1001.3547v5]

Lihu Xu, Approximation of stable law in Wasserstein-1 distance by Stein's method, [arXiv: 1709.00805v2]

2017

Anbuhl, K.L., Benichoux, V., Greene, N.T., Brown, A.D., Tollin, D.J. Development of the head, pinnae, and acoustical cues to sound location in a precocial species, the guinea pig (*Cavia porcellus*) (2017) *Hearing Research*, 356, pp. 35-50.

Liang, Q., Modiano, E. Coflow scheduling in input-queued switches: Optimal delay scaling and algorithms (2017) *Proceedings - IEEE INFOCOM*, art. no. 8057171, .

Jurado, J.M., Alcázar, A., Muñoz-Valencia, R., Ceballos-Magaña, S.G., Raposo, F. Some practical considerations for linearity assessment of calibration curves as function of concentration levels according to the fitness-for-purpose approach (2017) *Talanta*, 172, pp. 221-229.

Shahab Asoodeh, Mario Diaz, Fady Alajaji, and Tamás Linder, Estimation Efficiency Under Privacy Constraints, [arXiv:1707.02409v1]

Mahid M. Mangontarum, Some Theorems and Applications of the (q, r) -Whitney Numbers, *Journal of Integer Sequences*, Vol. 20 (2017), Article 17.2.5 [arXiv:1709.07999v2].

Okolewski, A. Distribution bounds for order statistics when each k -tuple has the same piecewise uniform copula (2017) *Statistics*, 51 (5), pp. 969-987.

Zambom, A.Z., Kim, S. Lag selection and model specification testing in nonparametric autoregressive conditional heteroscedastic models (2017) *Journal of Statistical Planning and Inference*, 186, pp. 13-27.

Peyhardi, J., Fernique, P. Characterization of convolution splitting graphical models (2017) *Statistics and Probability Letters*, 126, pp. 59-64.

Karahasan, M., Ene, N. New estimators based on order statistics in some families of scale distributions (2017) *Communications in Statistics: Simulation and Computation*, 46 (4), pp. 2880-2906.

Kozyra, P.M., Rychlik, T. Lower and upper bounds on the variances of spacings (2017) *Annals of the Institute of Statistical Mathematics*, 69 (2), pp. 417-428.

Alfons, A., Croux, C., Filzmoser, P. Robust Maximum Association Estimators (2017) *Journal of the American Statistical Association*, 112 (517), pp. 436-445.

Ahmadi, J., Basiri, E., Kundu, D. Confidence and prediction intervals based on interpolated records (2017) *Journal of Nonparametric Statistics*, 29 (1), pp. 1-21.

Natarajan, K., Teo, C.-P. On reduced semidefinite programs for second order moment bounds with applications (2017) *Mathematical Programming*, 161 (1-2), pp. 487-518.

Donganont, M. A non-uniform bound on poisson approximation by using Stein-Chen's method and w-Functions (2017) *Journal of Applied Probability and Statistics*, 12 (1), pp. 11-20.

Ley, C., Reinert, G., Swan, Y. Stein's method for comparison of univariate distributions (2017) *Probability Surveys*, 14 (2017), pp. 1-52.

Oliver Johnson, Entropy and thinning of discrete random variables, In *Convexity and Concentration* (The IMA Volumes in Mathematics and Its Applications, Springer), pp. 33-53. [arXiv:1510.05390v3].

2017

Okolewski, A. Distribution bounds for order statistics when each k-tuple has the same piecewise uniform copula (2017) *Statistics*, 51 (5), pp. 969-987.

Jurado, J.M., Alcázar, A., Muñoz-Valencia, R., Ceballos-Magaña, S.G., Raposo, F. Some practical considerations for linearity assessment of calibration curves as function of concentration levels according to the fitness-for-purpose approach (2017) *Talanta*, 172, pp. 221-229.

Zambom, A.Z., Kim, S. Lag selection and model specification testing in nonparametric autoregressive conditional heteroscedastic models (2017) *Journal of Statistical Planning and Inference*, 186, pp. 13-27.

Peyhardi, J., Fernique, P. Characterization of convolution splitting graphical models (2017) *Statistics and Probability Letters*, 126, pp. 59-64.

Karahasan, M., Ene, N. New estimators based on order statistics in some families of scale distributions (2017) *Communications in Statistics: Simulation and Computation*, 46 (4), pp. 2880-2906.

Kozyra, P.M., Rychlik, T. Lower and upper bounds on the variances of spacings (2017) *Annals of the Institute of Statistical Mathematics*, 69 (2), pp. 417-428.

Alfons, A., Croux, C., Filzmoser, P. Robust Maximum Association Estimators (2017) *Journal of the American Statistical Association*, 112 (517), pp. 436-445.

Ahmadi, J., Basiri, E., Kundu, D. Confidence and prediction intervals based on interpolated records (2017) *Journal of Nonparametric Statistics*, 29 (1), pp. 1-21.

Natarajan, K., Teo, C.-P. On reduced semidefinite programs for second order moment bounds with applications (2017) *Mathematical Programming*, 161 (1-2), pp. 487-518.

Donganont, M. A non-uniform bound on poisson approximation by using Stein-Chen's method and w-Functions (2017) *Journal of Applied Probability and Statistics*, 12 (1), pp. 11-20.

Ley, C., Reinert, G., Swan, Y. Stein's method for comparison of univariate distributions (2017) *Probability Surveys*, 14 (2017), pp. 1-52.

2016

Si, J., Marjanovic-Halburd, L., Nasiri, F., Bell, S. Assessment of building-integrated green technologies: A review and case study on applications of Multi-Criteria Decision Making (MCDM) method (2016) *Sustainable Cities and Society*, 27, pp. 106-115.

V. Mameli, M. Musio. Some new results on the Beta skew-Norma distribution, In: Alleva G., Giommi A. (eds) *Topics in Theoretical and Applied Statistics. Studies in Theoretical and Applied Statistics*. Springer (2016), 25-36.

Kim, S., Zambom, A.Z. A nonparametric hypothesis test for heteroscedasticity (2016) *Journal of Nonparametric Statistics*, 28 (4), pp. 752-767.

Kattumannil, S.K., Dewan, I. On generalized moment identity and its applications: a unified approach (2016) *Statistics*, 50 (5), pp. 1149-1160.

Lyubchich, V., Gel, Y.R. A local factor nonparametric test for trend synchronism in multiple time series (2016) *Journal of Multivariate Analysis*, 150, pp. 91-104.

Okolewski, A. Bounds on expectations of L-estimates for maximally and minimally stable samples (2016) *Statistics*, 50 (4), pp. 903-916.

Hung, Y.C., Chen, R.W., Balakrishnan, N. On the correlation structure of exponential order statistics and some extensions (2016) *Mathematical Methods of Statistics*, 25 (3), pp. 196-206.

Ene, N., Karahasan, M. A New Estimation Method Based on Order Statistics in the Families of Symmetric Location-scale Distributions (2016) *Communications in Statistics: Simulation and Computation*, 45 (5), pp. 1802-1825.

Basiri, E., Ahmadi, J., Raqab, M.Z. Comparison among non parametric prediction intervals of order statistics (2016) *Communications in Statistics - Theory and Methods*, 45 (9), pp. 2699-2713.

Ley, C., Swan, Y. Parametric Stein operators and variance bounds (2016) *Brazilian Journal of Probability and Statistics*, 30 (2), pp. 171-195.

Jasiński, K. On maximum variance of k th records (2016) *Communications in Statistics - Theory and Methods*, 45 (8), pp. 2392-2401.

Benichoux, V., Rébillat, M., Brette, R. On the variation of interaural time differences with frequency (2016) *Journal of the Acoustical Society of America*, 139 (4), pp. 1810-1821.

Ley, C., Swan, Y. A general parametric Stein characterization (2016) *Statistics and Probability Letters*, 111, pp. 67-71.

Jasiński, K., Rychlik, T. Inequalities for variances of order statistics originating from urn models (2016) *Journal of Applied Probability*, 53 (1), pp. 162-173.

Lin, G.D., Lai, C.-D., Govindaraju, K. Correlation structure of the Marshall-Olkin bivariate exponential distribution (2016) *Statistical Methodology*, 29, pp. 1-9.

Daly, F. Negative dependence and stochastic orderings (2016) *ESAIM - Probability and Statistics*, 20, pp. 45-65.

Kempe, M., Vogelbein, M., Nopp, S. The cream of the crop: Analysing FIFA world cup 2014 and Germany's title run (2016) *Journal of Human Sport and Exercise*, 11 (1), pp. 42-52.

2015

Ilijević, K., Obradović, M., Jevremović, V., Gržetić, I. Statistical analysis of the influence of major tributaries to the eco-chemical status of the Danube River (2015) *Environmental Monitoring and Assessment*, 187 (9), art. no. 553, 25 p.

Okolewski, A., Kaluszka, M. Stability of expected L-statistics against weak dependence of observations (2015) *Statistics and Probability Letters*, 106, pp. 157-164.

Priya, R.S., Thomas, P.Y. A Note on the Use of Some Functions of Spacings in the Estimation of Common Scale Parameter of Several Symmetric Distributions (2015) *Communications in Statistics - Theory and Methods*, 44 (14), pp. 2924-2932.

Landsman, Z., Vanduffel, S., Yao, J. Some Stein-type inequalities for multivariate elliptical distributions and applications (2015) *Statistics and Probability Letters*, 97, pp. 54-62.

Rychlik, T. Maximal dispersion of order statistics in dependent samples (2015) *Statistics*, 49 (2), pp. 386-395.

Zambom, A.Z., Akritas, M.G. Nonparametric significance testing and group variable selection (2015) *Journal of Multivariate Analysis*, 133, pp. 51-60.

Miziula, P., Rychlik, T. Extreme dispersions of semicoherent and mixed system lifetimes (2015) *Journal of Applied Probability*, 52 (1), pp. 117-128.

2014

Miziula, P., Rychlik, T. Sharp bounds for lifetime variances of reliability systems with exchangeable components (2014) *IEEE Transactions on Reliability*, 63 (4), art. no. 6866254, pp. 850-857.

Čiginas, A., Pumputis, D. A note on the upper bound to variance of the sample extreme from a finite population (2014) *Communications in Statistics - Theory and Methods*, 43 (8), pp. 1793-1799.

Parra-Frutos, I. Controlling the Type I error rate by using the nonparametric bootstrap when comparing means (2014) *British Journal of Mathematical and Statistical Psychology*, 67 (1), pp. 117-132.

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