

**ΕΠΙΣΤΗΜΟΝΙΚΕΣ ΔΗΜΟΣΙΕΥΣΕΙΣ ΤΩΝ ΜΕΛΩΝ ΔΕΠ ΤΟΥ ΤΜΗΜΑΤΟΣ ΚΑΤΑ  
ΤΗΝ ΤΕΛΕΥΤΑΙΑ ΠΕΝΤΑΕΤΙΑ**

Παρατίθενται μόνο βιβλία/μονογραφίες, δημοσιεύσεις σε επιστημονικά περιοδικά με κριτές και κεφάλαια σε συλλογικούς τόμους.

**A. Βιβλία/Μονογραφίες (10)**

1. **Κούτρας, Μ. Β.** (2012). *Εισαγωγή στη Θεωρία Πιθανοτήτων και Εφαρμογές*, Εκδόσεις Σταμούλη, Αθήνα.
2. **Κούτρας, Μ. Β.** (2016), *Θεωρία Πιθανοτήτων και Εφαρμογές*, 2<sup>η</sup> έκδοση, Αυτό-έκδοση, Αθήνα.
3. **Κούτρας, Μ. Β.** και **Ευαγγελάρας, Χ.** (2016). *Ανάλυση Παλινδρόμησης: Θεωρία και Εφαρμογές*. 2<sup>η</sup> έκδοση, Αυτο-έκδοση, Αθήνα.
4. **Ηλιόπουλος, Γ.** (2013). *Βασικές Μέθοδοι Εκτίμησης Παραμέτρων*. 2<sup>η</sup> έκδοση, Εκδόσεις Σταμούλη, Αθήνα.
5. Betti, G., Bettio, F., Georgiadis, Th., and **Tinios, T.** (2015). *Unequal Ageing in Europe: Women's Independence and Pensions*, Palgrave Macmillan, New York.
6. **Νεκτάριος, Μ.** (2016). *Μεθοδολογία Διαχείρισης Κινδύνων Επιχειρήσεων*. Εκδόσεις Παπαζήση, Αθήνα.
7. **Pelekis, N.** and Theodoridis, Y. (2013). *Mobility Data Management and Exploration*. Springer, New York.
8. **Πολίτης, Κ.** (2012). *Εισαγωγή στη Θεωρία Συλλογικού Κινδύνου: Το Συλλογικό Πρότυπο και Θεωρία Χρεοκοπίας*. Εκδόσεις Σταμούλη, Αθήνα.
9. Σαχλάς, Α. και **Μπερσίμης, Σ.** (2016). *Εφαρμοσμένη Στατιστική με Έμφαση στις Επιστήμες Υγείας*. Εκδόσεις Τζίλα, Θεσσαλονίκη.
10. Σαχλάς, Α. και **Μπερσίμης, Σ.** (2016). *Εφαρμοσμένη Στατιστική με Χρήση των IBM SPSS Statistics: Με Έμφαση στις Επιστήμες Υγείας*, Εκδόσεις Τζίλα, Θεσσαλονίκη.

**B. Επιστημονικά περιοδικά με κριτές**

**2012(23)**

1. Athanasiadis, C. E., **Sevroglou, V.**, and Skourogiannis, K. I. (2012). The direct electromagnetic scattering problem by a mixed impedance screen in chiral media, *Applicable Analysis*, **91**(11), 2083–2093.
2. Bobotas, P., **Iliopoulos, G.** and Kourouklis, S. (2012). Estimating the ratio of two scale parameters: A simple approach. *Annals of the Institute of Statistical Mathematics*, **64**, 343–357.
3. Burke, M.R., **Macheras, N. D.** and Strauss, W. (2012). Densities and liftings for derived algebras, *Topology and its applications*, **159**, 1787–1798.
4. Dafnis, S., Philippou, A. N., and **Antzoulakos, D. L.** (2012). Distributions of patterns of two successes separated by a string of  $k-2$  failures, *Statistical Papers*, **53**, 323–344.
5. Davidov, O. and **Iliopoulos, G.** (2012). Estimating a distribution function subject to a stochastic order restriction: a comparative study, *Journal of Nonparametric Mathematics*, **24**, 923–933.
6. Dembinska, A. and **Iliopoulos, G.** (2012). The asymptotics of numbers of observations in random regions determined by order statistics, *Journal of Multivariate Analysis*, **103**, 151–160.
7. Frostig, E., Pitts, S. M. and **Politis, K.** (2012). The time to ruin and the number of claims until ruin for phase-type claims, *Insurance Mathematics and Economics*, **51**(1), 19–25.

8. **Iliopoulos, G.**, Dembinska, A. and Balakrishnan, N. (2012). Asymptotic properties of numbers of observations near sample quantiles, *Statistics*, **46**, 85-97.
9. Kalogirou S., **Tsimbos C.**, **Verropoulou G.** and Kotsifakis G. (2012). Regional mortality differentials in Greece by selected causes of death: 2006-2008, *Journal of Maps*, **8**(4), 354-360.
10. Kapodistria, S. and **Psarrakos, G.** (2012). Some extensions of the residual lifetime and its connection to the cumulative residual entropy, *Probability in the Engineering and Informational Sciences*, **26**, 129-146.
11. Kordinas, V., Nicolaou, C., Tsirpanlis, G., Ioannidis, A., **Bersimis, S.**, Sabanis, N., Fragou, E., Tsiolaki, K., and Chatzipanagiotou, S. (2012). Transcription of the Tumor Suppressor Genes p53 and RB in Lymphocytes from Patients with Chronic Kidney Disease. Evidence of molecular senescence?, *International Journal of Nephrology*, doi:10.1155/2012/154397.
12. **Koutras, M. V.** and Milienos, F. S. (2012). Exact and asymptotic results for pattern waiting times, *Journal of Statistical Planning and Inference*, **142**, 1464–1479.
13. Lyberaki, A. **Tinios, P.** (2012). Labour and pensions in the Greek crisis: The Microfoundations of Disaster, *Südosteuropa. Zeitschrift für Politik und Gesellschaft*, **60**(3), 363-386.
14. Lyberopoulos, D. P. and **Macheras, N. D.** (2012). Some characterizations of mixed Poisson processes, *Sankhya*, **74**-A, Part 1, 57-79.
15. Marinou, I., **Bersimis, S.**, Ioannidis, A., Nicolaou, C., Mitroussia-Ziouva, A. Legakis, N.J., and Chatzipanagiotou, S. (2012). Identification and Antimicrobial Resistance of Campylobacter Species Isolated from Animal Sources, *Frontiers in Food Microbiology*, **3**, doi: 10.3389/fmich.2012.00058.
16. Panagiotakis, C., **Pelekis, N.**, Kopanakis, I., Ramasso, E., and Theodoridis, Y. (2012). Segmentation and Sampling of Moving Object Trajectories based on Representativeness, *IEEE Transactions on Knowledge and Data Engineering*, **24**(7), 1328-1343.
17. **Pelekis, N.**, Andrienko, G., Andrienko, N., Kopanakis, I., Marketos, G., and Theodoridis, Y. (2012). Visually Exploring Movement Data via Similarity-based Analysis, *Journal of Intelligent Information Systems (JIIS)*, **38**(2).
18. Petseti, A. and **Nektarios, M.** (2012). Proposal for a National Earthquake Insurance Program for Greece, *Geneva Papers on Risk and Insurance*, **37**, 377-400.
19. Rizogiannis C., **Kofidis, E.**, Rontogiannis, A. A., and Theodoridis, S. (2012). Adaptive BLAST-type decision-feedback equalization in DS-CDMA systems, *Signal Processing*, **92**, 977-988.
20. **Tinios, P.** (2012). Greece: Extreme crisis in a monolithic unreformed pension system, *Global Social Policy*, **12** (3), 332-334.
21. **Tzavelas, G.** (2012). A study on the number of solutions of the system of the log-likelihood equations for the 3-parameter Weibull distribution. *Applications of Mathematics*, **57** (5), 531-542.
22. **Tzavelas, G.** and Economou, P. (2012). Characterization Properties of the Lognormal Distribution with the Help of Divergence Measures. *Statistics and Probability Letters*, **82**, 1837-1840.
23. **Verropoulou, G.** (2012). Determinants of change in self-rated health among older adults in Europe: a longitudinal perspective based on SHARE data. *European Journal of Ageing*, **9**(4), 305-318.

## 2013 (24)

24. Basten, S. and **Verropoulou, G.** (2013). Maternity migration' and the growing sex ratio at birth in Hong Kong SAR. *Population Studies*, **67**(3), 323-334.
25. Davidov, O. and **Iliopoulos, G.** (2013). Convergence of Luo and Tsai's iterative algorithm for estimation in proportional likelihood ratio models, *Biometrika*, **100**, 778–780.
26. Economou, P. and **Tzavelas, G.** (2013). Sample tests for the detection of size-biased sampling mechanism. *Communication in Statistics-Theory and Methods*, **42**(18), 3280-3295.
27. **Iliopoulos, G.**, and Malefaki, S. (2013). Variance reduction of estimators arising from Metropolis–Hastings algorithms, *Statistics and Computing*, **23**, 577–587.

28. Kellaris, G., **Pelekis, N.** and Theodoridis, Y. (2013). Map-Matched Trajectory Compression, *Journal of Systems and Software*, **86**(6), 1566-1579.
29. **Kofidis, E.**, Katselis D., Rontogiannis A., and Theodoridis S. (2013). Preamble-based channel estimation in OFDM/OQAM systems: A review. *Signal Processing*, **93**(7), 2038-2054.
30. Lyberaki, A., **Tinios, P.**, Miminis, A. and Georgiadis, T. (2013). Mapping population ageing in Europe: How are similar needs in different countries met by different family structures?, *Journal of Maps*, **9**(1), 4-9.
31. Lyberaki, A., **Tinios, P.**, Papadoudis, G. (2013). Retrospective explanation of older women's lifetime work involvement: individual paths around social norms, *Advances in Life Course Research*, **18**, 26-45.
32. Lyberopoulos, D. P. and **Macheras, N. D.** (2013). Construction of mixed Poisson processes via disintegrations, *Mathematica Slovaca* **63**(1), 167-182.
33. Nannos, N., **Bersimis, S.** and Georgakellos, D. (2013). Evaluating Climate Change in Greece through the Insurance Compensations of the Rural Production Damages, *Global and Planetary Change*, **102**, 51–66.
34. Papastamoulis, P. and **Iliopoulos, G.** (2013). On the convergence rate of random permutation sampler and ECR algorithm in missing data models, *Methodology and Computing in Applied Probability*, **15**, 293–304.
35. Parent, C., Spaccapietra, S., Renso, C., Andrienko, G., Andrienko, N., Bogorny, V., Damiani, M. L., Gkoulalas-Divanis, A., Macedo, J., **Pelekis, N.**, Theodoridis, Y., Yan, Z. (2013). Semantic Trajectories Modeling and Analysis, *ACM Computing Surveys*, **45**(4).
36. **Pelekis, N.**, Theodoridis, Y., Janssens, D. (2013). On the management and analysis of our LifeSteps, *SIGKDD Explorations*, **15**(1), 23-32.
37. Petseti, A. and **Nektarios, M.** (2013), Earthquake Insurance for Greece: Comparative Analysis and Pricing Issues, *Journal of Risk Finance*, **14**(3), 251-265.
38. **Pitselis, G.** (2013). Robust Eligible Capital and Value at Risk under Solvency II System, *Communication in Statistics-Simulation and Computation*, **43**(1), 161-182.
39. **Pitselis, G.** (2013). Quantile Credibility Models. *Insurance Mathematics and Economics*, **52**, 477-489.
40. **Pitselis, G.** (2013). Pure Robust Versus Robust Portfolio Unbiased - Credibility and Asymptotic Optimality, *Insurance Mathematics and Economics*, **52**, 391–403.
41. **Pitselis, G.** (2013). A review on Robust Estimators Applied to Regression Credibility, *Journal of Computational and Applied Mathematics*, **239**, 231-249.
42. Ploumbidis, D., Gatzonis, S., Akontidis, G. and **Politis, K.** (2013). Admissions in Dromokaition Psychiatric Hospital of Athens: 1901–1985. *Psychiatriki*, **24**(3), 175–184.
43. Rakitzis, A. C. and **Antzoulakos, D. L.** (2013). A start-up demonstration test based on exchangeable binary trials, *IEEE Transactions on Reliability*, **62**, 736-745.
44. **Tinios, P.** and S. Poupanis (2013). "Knowledge is power": Public attitudes and the stalling of pension reform in Greece, *Journal of Population Ageing*, **6**(4), 247-267.
45. Τήνιος Π. και Πουπάκης, Σ. (2013). Η ασφαλιστική μεταρρύθμιση και η ιδιωτική ασφάλιση στις απόψεις της κοινής γνώμης: Πολυμεταβλητή ανάλυση, *Κοινωνική Πολιτική*, τεύχος 1.
46. **Tzavelas, G.** and Panagiotakos, D. (2013). Statistical inference for the size-biased Weibull distribution. *Journal of Statistical Computation and Simulation*, **83**(7), 1252-1262.
47. **Verropoulou, G.** and **Tsimbos, C.** (2013). Modelling the effects of maternal socio-demographic characteristics on the preterm and term birth weight distributions in Greece using quantile regression, *Journal of Biosocial Science*, **45**(3), 375-390.

## 2014 (32)

48. Balakrishnan, N., Cramer, E., and **Iliopoulos, G.** (2014). On the method of pivoting the CDF for exact confidence intervals with illustration for exponential mean under lifetest with time constraints. *Statistics and Probability Letters*, **89**, 124–130.
49. Balakrishnan, N., **Koutras, M. V.** and Milienos, F. S. (2014). Start-up demonstration tests: Models, Methods and Applications, with Some Unifications, *Applied Stochastic Models in Business and Industry* (discussion paper) **30**, 373-413.

50. Balakrishnan, N., **Koutras, M. V.** and Milienos, F. S. (2014). Some binary start-up demonstration tests and associated inferential methods, *Annals of the Institute of Statistical Mathematics*, **66**, 759-787.
51. **Bersimis, S.**, Chalkias, C., and Anthopoulou, T. (2014). Detecting and Interpreting Clusters of Economic Activity in Rural Areas Using Scan Statistic and LISA Under a Unified Framework, *Applied Stochastic Models in Business and Industry*, doi: 10.1002/asmb.2003.
52. **Bersimis, S., Koutras, M. V.**, and Papadopoulos, G. (2014). Waiting Time for an Almost Perfect Run and Applications in Statistical Process Control, *Methodology and Computing in Applied Probability*, **16** (1), 207-222.
53. **Bersimis, S.**, Maravelakis, P. E., and **Koutras, M. V.** (2014). A Compound Control Chart for Monitoring and Controlling High Quality Processes, *European Journal of Operation Research*, **233** (3), 595-603.
54. **Boutsikas M.**, **Antzoulakos D. L.** and Rakitzis, A. C. (2014). On the joint distribution of stopping times and stopped sums in multistate exchangeable trials, *Journal of Applied Probability*, **51**, 483-491.
55. Davidov, O., Fokianos, K. and **Iliopoulos, G.** (2014). Semiparametric inference for the two-way layout under order restrictions. *Scandinavian Journal of Statistics*, **41**, 622-638.
56. Dimitrov, B., Esa, S., Kolev, N., and **Pitselis, G.** (2014). On the transfer of Global Measures of Dependence between Random Variables into Cumulative Local Measures, *Journal of Applied Mathematics*, **5**(4), 615-627.
57. Economou, P. and **Tzavelas, G.** (2014) Kullback-Leibler divergence measures based tests concerning the biasness in a sample, *Statistical Methodology* **21**, 88-108.
58. Gratiou, C., Florou, A., Ischaki, E., Eleftheriou, K., Sachlas, A., **Bersimis, S.** and Zakynthinos, S. (2014). Smoking Cessation Effectiveness in Smokers with COPD and Asthma under Real Life Conditions, *Respiratory Medicine*, **108**(4), 577-583.
59. **Iliopoulos, G.** and MirMostafaee S.M.T.K. (2014). Exact prediction intervals for order statistics from the Laplace distribution based on the maximum likelihood estimators, *Statistics*, **48**, 575-592.
60. Ioannidis, A., Kyrtsa, A., Ioannidou, V., **Bersimis, S.**, and Chatzipanagiotou, S. (2014). Detection of Biofilm Production of Yersinia enterocolitica Strains Isolated from Infected Children and Comparative Antimicrobial Susceptibility of Biofilm Versus Planktonic Forms, *Molecular Diagnosis & Therapy*, **18**(3), 309-314.
61. Karvounidis, T., Chimos, K., **Bersimis, S.**, and Douligeris, C. (2014). Evaluating Web 2.0 technologies in higher education using students' perceptions and performance, *Journal of Computer Assisted Learning*, **30**, 577-596.
62. Koutras V. M., Drakos, K. and **Koutras, M. V.** (2014). On the polynomial-logistic distribution and applications in finance *Communications in Statistics: Theory and Methods*, **43**, 2045-2065.
63. Lyberaki A. and **Tinios, P.** (2014). The Informal welfare State and the family: Invisible actors in the Greek drama", *Political Studies Review*, **12**, 193-208.
64. Margetis, K. Papageorgiou, G., Gatzonis, S., **Politis, K.** Siatouni, and Sakas, D. (2014). Intrathecal baclofen improves psychiatric symptomatology in spasticity patients. *Journal of Clinical Psychopharmacology*, **34**(3), 374-379.
65. Mavrokefalidis, C., **Kofidis, E.**, Rontogiannis, A. A., and Theodoridis, S. (2014). "Preamble-based channel estimation in single-relay networks using FBMC/OQAM, *EURASIP Journal on Advances in Signal Processing*, **2014** (66) (doi: 10.1186/1687-6180-2014-66).
66. **Νεκτάριος, Μ.**, Πολύζος, N., και Υφαντόπουλος, I. (2014), Σύγχρονες Μέθοδοι Χρηματοδότησης Νοσοκομείων, Ανταγωνισμός και Οικονομικά Κίνητρα, *Αρχεία Ελληνικής Ιατρικής*, **31** (2), 172-185.
67. Papadakis G., Okoba, N. A., Nicolaou, C., Boufidou, F., Ioannidis, A., **Bersimis, S.**, and Chatzipanagiotou, S. (2014). Serologic markers for HBV, HCV and HIV in immigrants visiting the Athens' polyclinic of 'Doctors of the World e Greece', *Public Health*, **127** (11), 1045-1047.
68. **Pelekis, N.**, Frentzos, E., Giatrakos, N., and Theodoridis, Y. (2014). HERMES: A Trajectory DB Engine for Mobility-Centric Applications, *Int'l Journal of Knowledge-based Organizations (IJKBO)*, **4**(1).

69. Perreas, K., Samanidis, G., Dimitriou, S., Athanasiou, A., Smirli, A., Antzaka, C., **Politis, K.**, Khouri, M., and Michalis, A. (2014) NT-proBNP in the mitral valve surgery. *Critical Pathways in Cardiology*, **13**(2), 55–61.
70. **Psarrakos, G.** and **Politis, K.** (2014), The covariance between the surplus prior to and at ruin in the classical risk model, *ASTIN Bulletin*, **42**(2), 631–653.
71. Rakitzis A. C. and **Antzoulakos D. L.** (2014). Control charts with switching and sensitizing runs rules for monitoring process variation. *Journal of Applied Statistics*, **84**, 37–56.
72. Souliotis, K., Lionis, C., Papadakaki, M., Papageorgiou, M., Tsiaousi, I., and **Bersimis, S.** (2014). The economic burden of herpes zoster on patients visiting primary care settings in Greece – Results from a multicentre study in Crete, *European Geriatric Medicine*, **4** (S10), S117-S118.
73. Triantafyllou, I. S. and **Koutras, M. V.** (2014). Reliability properties of  $(n, f, k)$  systems, *IEEE Transactions on Reliability*, **63**, 357-366.
74. Triantafyllou, I. S. and **Koutras, M. V.** (2014). Failure rate and aging properties of generalized beta and gamma-generated distributions, *Communications in Statistics: Theory and Methods*, **43**, 4046-4061.
75. **Tsimbos C.**, Kalogirou S., and **Verropoulou G.** (2014). Estimating spatial differentials in life expectancy in Greece at local authority level. *Population, Space and Place*, **20**(7): 646-663.
76. **Tzavelas, G.** and Economou, P. (2014). Characterization properties based on the Fisher information\_for weighted distributions. *Statistics and Probability Letters*, **84**, 54-59.
77. **Verropoulou, G.** (2014). Specific versus general self-reported health indicators predicting mortality among older adults in Europe: disparities by gender employing SHARE longitudinal data. *International Journal of Public Health*, **59**(4), 665-678.
78. **Verropoulou, G.** and Basten, S. (2014). Very low, low and heavy weight births in Hong Kong SAR: How important is socio-economic and immigrant status? *Journal of Biosocial Science*, **46**(3), 316-331.
79. Zegaer, B., Ioannidis, A., Babis, G., Ioannidou, V., Kossyvakis, A., **Bersimis, S.**, Papaparaskevas, J., Petinaki, E., Pliatsika, P., and Chatzipanagiotou, S. (2014). Detection of bacteria bearing resistant biofilm forms, by using the universal and specific PCR is still unhelpful in the diagnosis of periprosthetic joint infections (PJI), *Infectious Diseases*, **1**(30), doi:10.3389/fmed.2014.00030.

## 2015 (19)

80. Agiakloglou C., **Tsimbos C.** and Tsimpanos A. (2015). Is spurious behaviour an issue for two independent stationary spatial autoregressive SAR(1) process? *Applied Economic Letters*, **22** (17), 1372-1377.
81. Athanasiadis, C. E., Natroshvili, D., **Sevroglou, V.**, and Stratis, I. G. (2015). Mixed impedance transmission problems for vibrating layered elastic bodies, *Mathematical Methods in the Applied Sciences*, **38** (15), 3264-3294.
82. Athanasiadis, C.E., **Sevroglou, V.** and Skourogiannis, K. I. (2015). The inverse electromagnetic scattering problem by a mixed impedance screen in chiral media", *Inverse Problems and Imaging*, American Institute of Mathematical Sciences (AIMS), **9** (4), 951-970.
83. Basten, S. and **Verropoulou, G.** (2015). A Re-interpretation of the 'Two-child Norm' in Post-transitional Demographic Systems: Fertility Intentions in Taiwan, *PLoS ONE*, **10** (8), DOI: 10.1371/journal.pone.0135105.
84. Basten, S., **Verropoulou, G.**, Ma, X. and Yan, P. (2015). Indifferent Gender Preferences among Childless Beijing Citizens, *Finnish Yearbook of Population Research*, **50**.
85. **Bersimis, S.**, Sachlas, A., and Papaioannou, T. (2015). Flexible Designs for Phase II Comparative Clinical Trials Involving Two Response Variables, *Statistics in Medicine*, **34** (2), 197-214.
86. **Boutsikas M. V.** (2015) Penultimate gamma approximation in the CLT for skewed distributions, *ESAIM Probability and Statistics*, **19**, 590–604.
87. **Evangelaras, H.** (2015). Construction of Minimum Generalized Aberration Ttwo-Level Orthogonal Arrays, *Electronic Journal of Statistics*, **9**, 2689-2705.

88. Fileto, R., May, C., Renso, C., **Pelekis, N.**, Klein, D., Theodoridis, Y. (2015). The Baquara2 Knowledge-based Framework for Semantic Enrichment and Analysis of Movement Data, *Data & Knowledge Engineering*, **98**, 104-122.
89. **Iliopoulos, G.** (2015). On exact confidence intervals in a competing risks model with generalized hybrid type-I censored exponential data, *Journal of Statistical Computation and Simulation*, **85**, 2953-2961.
90. Karvounidis, T., Chimos, K., **Bersimis, S.**, and Douligeris, C. (2015). i-SERF: An integrated Self-Evaluated and Regulated Framework for Deploying Web 2.0 Technologies in the Educational Process, *Electronic Journal of e-Learning*, **13** (5).
91. Konstantinidis, A., Chatzimilioudis, G., Zeinalipour-Yazti, D., Mpeis, P., **Pelekis, N.**, Theodoridis, Y. (2015). Privacy-Preserving Indoor Localization on Smartphones, *IEEE Transactions on Knowledge and Data Engineering*, **27**(11), 3042-3055.
92. Kordinas, V., Tsirpanlis, G., Nicolaou, C., Zoga, M., Ioannidis, A., Ioannidou, V., **Bersimis, S.**, Petrihou, C., Savva, L., Legakis, N., and Chatzipanagiotou, S. (2015). Is there a connection between Inflammation, telomerase activity and transcriptional status of telomerase reverse transcriptase in renal failure? *Cellular & Molecular Biology Letters*, **20** (2), 222-236.
93. Lyberaki, A. and **Tinios, P.** (2015). La crisis Griega 2010-18; Una vision desde dentro, *Revista de Economica Crítica*, no. 20, 159-171.
94. **Pelekis, N.**, Frentzos, E., Gitrakos, N., Theodoridis, Y. (2015). HERMES: A Trajectory DB Engine for Mobility-Centric Applications, *Int'l Journal of Knowledge-based Organizations* (IJKBO), **5**(2), 19-41.
95. **Pitselis, G.**, Grigoriadou, V., and Badounas, I. (2015). Robust Loss Reserving in a Log-linear Model, *Insurance Mathematics and Economics*, **64**, 14-27.
96. Rakitzis A. C. and **Antzoulakos, D. L.** (2015). Start-up demonstration tests with three-level classification, *Statistical Papers*, **56**, 1-21.
97. **Tinios, P.**, Lyberaki, A., and Georgiadis, Th. (2015). Intra-Household Pension Gender Gap and Subjective Well-Being in Europe: Do Older European Women Value Economic independence? *The International Journal of Aging and Society*, **5**(3).
98. **Tzavelas, G.** and Economou, P. (2015) Extreme value distributions for biased samples. *Probability in the Engineering and Informational Sciences*. **29**, 1-14

## **2016 (21)**

99. Athanasiadou, E., **Sevroglou, V.**, and Zoi, S. (2016). Scattering theorems of elastic waves for a thermoelastic body, *Mathematical Methods in the Applied Sciences*, doi: 10.1002/mma.4051.
100. Balakrishnan, N., **Koutras, M. V.**, Milienos, F.S., and Pal, S. (2016). Piecewise Linear Approximations for Cure Rate Models and Associated Inferential Issues. *Methodology and Computing in Applied Probability*, **18**, 937-966.
101. **Bersimis, S.** and Triantafyllopoulos, K. (2016). Phase II Control Charts for Autocorrelated Processes, *Quality Technology & Quantitative Management*, **13** (1), 88-108.
102. **Boutsikas M. V.**, Rakitzis A. C., and **Antzoulakos D. L.** (2016). On the number of claims until ruin in a two-barrier renewal risk model with Erlang mixtures. *Journal of Computational and Applied Mathematics*, **294**, 124-137.
103. Burke, M. R., **Macheras, N. D.**, and Strauss, W. (2016). Products of derived structures on topological spaces, *Topology Appl.*, **201**, 247-268.
104. Economou, P., Batsidis, A., and **Tzavelas, G.** (2016). Tests of fit for a lognormal distribution. *Journal of Statistical Computationa and Simulation*, **86**(2), 215-235.
105. Eryilmaz, S., **Koutras, M. V.**, and Triantafyllou, I. S. (2016). Mixed Three-State k-Out-of-n Systems with Components Entering at Different Performance Levels, *IEEE Transactions on Reliability*, **65**, 969-972.
106. **Evangelaras, H.** (2016). Enumeration and evaluation of small Orthogonal Latin Hypercube Designs for polynomial regression models, *Quality and Reliability Engineering International*, **32**, 2381-2389.
107. **Iliopoulos, G.** (2016). Exact confidence intervals for the shape parameter of the gamma distribution, *Journal of Statistical Computation and Simulation*, **86**, 1635-1642.

108. Koutras, V. M., **Koutras, M. V.** and Yalcin-Gulec, F. (2016). A simple compound scan statistic useful for modeling insurance and risk management problems. *Insurance: Mathematics and Economics*, **69**, 202–209.
109. **Koutras, M. V.**, Triantafyllou, I. S. and Eryilmaz, S. (2016). Stochastic comparisons between lifetimes of reliability systems with exchangeable components. *Methodology and Computing in Applied Probability*, **18**, 1081–1095.
110. **Pelekis, N.**, Sideridis, S., Tampakis, P., and Theodoridis, Y. (2016). Simulating our LifeSteps by Example, *ACM Transactions on Spatial Algorithms and Systems*, **2** (3).
111. Pérez-Neira, A. I., Caus, M., Zakaria, R., Le Ruyet, D., **Kofidis, E.**, Mestre, X., Haardt, M., and Cheng, Y. (2016). MIMO signal processing in offset-QAM based filter bank multicarrier systems, *IEEE Transactions on Signal Processing*, **64** (21), 5733-5762.
112. **Pitselis, G.** (2016). Credible Risk Measures with Applications in Finance and Actuarial Sciences, *Insurance Mathematics and Economics*, **70**, 373–386.
113. Rakitzis, A. C. and **Antzoulakos D. L.** (2016). Run sum control charts for the monitoring of process variability, *Quality Technology & Quantitative Management*, **13**, 58-77.
114. Sideridis, S., **Pelekis, N.**, and Theodoridis, Y. (2016). On Querying and Mining Semantic-aware Mobility Timelines, *International Journal of Data Science and Analytics*, **2**(1), 29-44.
115. **Tinios, P.** (2016). South Korean Pensions: Impressions from a distance, *Polityka Społeczna (Social Policy)*, Warsaw, no 1, Eng (12), 31-38.
116. Triantafyllopoulos, K. and **Bersimis, S.** (2016). Phase II Control Charts for Autocorrelated Processes, *Quality Technology and Quantitative Management*, **13**(1), 88-108.
117. **Verropoulou, G.** and **Tsimbos, C.** (2016). Mortality by cause of death among immigrants and natives in a South European country: the case of Greece, 2011, *Journal of Immigrant and Minority Health* **18**(2), 337-344
118. Xenos, P., **Nektarios, M.**, Constantopoulos, A. and Yfantopoulos, J. (2016). Two-stage hospital efficiency analysis including qualitative evidence: A Greek case. *Journal of Hospital Administration*, **5**(3), 1-19.
119. Χουζούρης, Μ., Hyosung, J., Κινόπουλος, Χ., Ξένος Π., **Τίνιος Π.**, και **Νεκτάριος, Μ.** (2016). Μέθοδος υπολογισμού του συνωστισμού σε τμήμα επειγόντων περιστατικών: Μια έρευνα πεδίου, *Αρχεία Ελληνικής Ιατρικής* (έγινε δεκτό).

#### Γ. Κεφάλαια σε συλλογικούς τόμους (18)

1. Laferrère, A., **Τίνιος, Π.** και Γεωργιάδης, Θ. (2012). Η γεωγραφία της διαγενεακής ανισότητας και η κατοικία: Ελλάδα και Ευρώπη, σε Αφούξενίδης Α. (επιμ.), *Ανισότητα στην Εποχή της Κρίσης. Θεωρητικές και Εμπειρικές Διερευνήσεις*, Εκδόσεις Προπομπός, 101-120.
2. Lyberaki, A. and **Tinios, P.** (2012). The crisis as handmaiden of social change: adjusting to the 21st century or settling old scores? in Anastasakis, O. and Singh, D. (eds.), *Reforming Greece: Sisyphean Task or Herculean Challenge?*, South East European Studies at Oxford (SEESOX), St Antony's College, University of Oxford, 65-70 (ebook).
3. Λυμπεράκη, Α. και **Τίνιος, Π.** (2012). Το κοινωνικό κράτος (“επίσημο” και “άτυπο”): οι μεταρρυθμίσεις που ΔΕΝ έγιναν και η κρίση, σε *Κοινωνική πολιτική και κοινωνική συνοχή στην Ελλάδα σε συνθήκες οικονομικής κρίσης*, σελ. 121-148, Τράπεζα Ελλάδος.
4. **Tinios, P.** (2012). The pensions merry-go-round: End of a cycle?, in Kalyvas, S., Pagoulatos, G., and Tsoukas, H. (eds). *From stagnation to forced adjustment: Reforms in Greece 1974-2010*, C. Hurst & Co, London, 117-132.
5. **Tinios, P.** (2012). Pensions and the Lisbon Strategy in Papadimitriou D. and Copeland, P. (eds.), *The EU's Lisbon Strategy: Evaluating Success, Understanding Failure*, MacMillan Palgrave, Basingstoke, 111-129.
6. Cramer, E. and **Iliopoulos, G.** (2015). Adaptive progressive censoring, in Choudhary, P., Nagaraja, Ch. and Ng, H. K. T. (eds.), *Ordered Data Analysis, Modeling and Health Research Methods – In Honor of H.N. Nagaraja's 60th Birthday*, 73-86, Springer, New York.
7. Marketos, G., Damiani, M. L., **Pelekis, N.**, Theodoridis, Y., and Yan, Z. (2013). Trajectory Collection and Reconstruction, in Renso, C., Spaccapietra, S., and Zimányi,

- E. (eds.), *Mobility Data: Modeling, Management, and Understanding*, Cambridge University Press.
8. **Nektarios, M.** (2012). Greece: The NDC Paradigm as a Framework for a Sustainable Pension System, in Holzmann, R., Palmer, E., and Robalino, D. (eds.), *Non-Financial Defined Contribution Pension Schemes in a Changing Pension World*, 1, 259-278 (The World Bank: Washington D.C.).
  9. **Koutras, M. V.** and Triantafyllou, I. S. (2014). Reliability analysis of coherent systems with exchangeable components in Daras, N. (ed.), *Applications of Mathematics and Informatics to Science and Engineering*, Springer.
  10. **Tήνιος, Π.** (2014). Κοινωνική ασφάλιση και ανταγωνιστικότητα: μια παραμελημένη σχέση, σε Μασουράκης, Μ. και Γκόρτσος, Χ. (επιμ.), *Ανταγωνιστικότητα για Ανάπτυξη, Προτάσεις Πολιτικής*, 399-124, Ελληνική Ένωση Τραπεζών, Αθήνα.
  11. **Tήνιος, Π.** (2014). Δικαιοσύνη ανάμεσα στις γενεές: 'Ηρθε το τέλος των αναδρομικών διορθώσεων; Γραφείο Προϋπολογισμού του Κράτους στη Βουλή των Ελλήνων, *Δημοσιονομική προσαρμογή: Πόσο δίκαιη είναι η κατανομή των βαρών;*, 67-80.
  12. **Tήνιος, Π.** (2014). Το μακροοικονομικό πλαίσιο στα τέλη του 2013: Μια ανάγνωση και ερμηνεία, *Εργασία και Απασχόληση στην Ελλάδα*, Επήσια Έκθεση 2013, 3-17.
  13. **Tinios, P.** (2014). Off-the-Shelf Reforms and their blind spots: Pensions in post-memorandum Greece, in Gerodimos, R. and Karyotis, G. (eds). *The Politics of Extreme Austerity: Greece beyond the crisis*, Palgrave, 66-76.
  14. Λυμπεράκη Α. και **Tήνιος, Π.** (2014). Άτυπη κοινωνική προστασία και οικογένεια στην διάρκεια της κρίσης: Κρούσεις του κώδωνα κινδύνου, σε Τ. Καβουνίδη (επιμ.), *Κοινωνική Συνοχή και οικονομική Κρίση: Δεδομένα, Μαθήματα και Προοπτικές Ανάπτυξης*, ΚΕΠΕ, Αθήνα, σελ. 65-90.
  15. Lyberaki, A. and **Tinios, P.** (2014). A 'Fairweather Welfare State'? Formal and informal social protection and the Greek crisis, in Gerodimos, R. and Karyotis, G. (eds). *The Politics of Extreme Austerity: Greece beyond the crisis*, Palgrave, 77-88.
  16. Athanasiadis, C. E., Natroshvili, D., **Sevroglou, V.**, and Stratis, I. G. (2014). A mixed impedance scattering problem for partially coated obstacles in two-dimensional linear elasticity, *Integral Methods in Science and Engineering*, doi: 10.1007/978-
  17. **Tinios, P.** (2015). Pensions and Gender: A critical gap in our radar screens?, in Bettio, F. and Sansonetti, S. (eds), *Visions for Gender Equality*, European Commission, DG for Justice, 37-40.
  18. Ξένος, Π., Γεωργιάδης, Θ., **Νεκτάριος, Μ.**, και **Tήνιος, Π.** (2016). Οικονομικές ανισότητες και κοινωνικό κράτος: Συγκριτικός έλεγχος αποτελεσματικότητας των προνοιακών συστημάτων της Ευρωπαϊκής Ένωσης για τα έτη 2005-2012, στο βιβλίο: *Άτυπη Κοινωνική Προστασία, το Υβριδικό Κοινωνικό Κράτος και η Δυναμική Εξέλιξη της Οικονομικής Κρίσης στην Ελλάδα*.