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ΣΠΟΥΔΕΣ

2004 - 2007 <u>Διδακτορικό</u> στα Αναλογιστικά Μαθηματικά, Πανεπιστήμιο Πειραιώς, Τμήμα Στατιστικής και Ασφαλιστικής Επιστήμης.

1999-2001 <u>Μεταπτυχιακό Δίπλωμα Ειδίκευσης (M.Sc.)</u> στη Στατιστική και Επιχειρησιακή Έρευνα, Μαθηματικό Τμήμα, Πανεπιστήμιο Αθηνών.

1992-1998 <u>Πτυχίο Μαθηματικών</u>, Μαθηματικό Τμήμα, Πανεπιστήμιο Αθηνών.

ΕΡΓΑΣΙΑΚΉ ΕΜΠΕΙΡΙΑ

1/2020 - σήμερα Αναπληρωτής Καθηγητής, Πανεπιστήμιο Πειραιώς.
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6/2010 - 2/2015 Λέκτορας, Πανεπιστήμιο Πειραιώς.
10/2007 - 6/2010 Διδάσκων ΠΔ 407/80 (Βαθμίδα: Λέκτορας), Πανεπιστήμιο Αιγαίου, Σάμος.

ΕΡΕΥΝΗΤΙΚΑ ΕΝΔΙΑΦΕΡΟΝΤΑ

Αναλογιστικά μαθηματικά, Στοχαστικά μοντέλα της θεωρία κινδύνων, Ανανεωτική θεωρία, Μέτρα κινδύνων, Αρχές υπολογισμού ασφαλίστρων, Στοχαστικές Διατάξεις, Θεωρία κατανομών, Αθροιστική υπολειπόμενη εντροπία.

ΔΗΜΟΣΙΕΥΣΕΙΣ

1. Psarrakos, G. and Politis, K. (2008).Tail bounds for the joint distribution of the surplus prior to and at ruin. Insurance: Mathematics and Economics 42, 163-176.

2. Psarrakos, G. (2008). Tail bounds for the distribution of the deficit in the renewal risk model. Insurance: Mathematics and Economics 43, 197-202.

3. Psarrakos, G. and Politis, K. (2009). Monotonicity result in the Sparre-Andersen risk model. Scandinavian Actuarial Journal, 104-118.

4. Psarrakos, G. and Politis, K. (2009). A generalization of Lundberg condition in the Sparre Andersen model. Stochastic Models 25, 90-109.

5. Psarrakos, G. (2009). Asymptotic results for heavy-tailed distributions using defective renewal equations. Statistics and Probability Letters 79, 774-779.

6. Psarrakos, G. (2009). A note on convolutions of compound geometric distributions. Statistics and Probability Letters 79, 1231-1237.

7. Psarrakos, G. (2010). Some results on the joint distribution prior to and at the time of ruin in the classical model. Scandinavian Actuarial Journal, 268-283.

8. Psarrakos, G. (2010). On the DFR property of the compound geometric distribution with applications in risk theory. Insurance: Mathematics and Economics 47, 428-433.

9. Psarrakos, G. and Tsatsomeros, M. (2011). Ratio monotonicity for tail probabilities in the renewal risk model. Probability in the Engineering and Informational Sciences 25, 171-185.

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. Psarrakos, G. and Politis, K. (2012). The covariance between the surplus prior to and at ruin in the classical risk model. ASTIN Bulletin 42, 631-653.

12. Psarrakos, G. and Navarro, J. (2013). Generalized Cumulative Residual Entropy and Record Values. Metrika 76, 623-640.

13. Gao, Q., Liu, Y., Psarrakos, G. and Wang, Y. (2013). On asymptotic equivalence among the solutions of some defective renewal equations. Lithuanian Mathematical Journal 53, 391-405.

14. Psarrakos, G. (2015). On the integrated tail of the deficit in the renewal risk model. Methodology and Computing in Applied Probability 17, 497-513.

15. Psarrakos, G. (2016). An operator property of the distribution of a nonhomogeneous Poisson process with applications. Methodology and Computing in Applied Probability 18, 1197-1215.

16. Navarro, J. and Psarrakos, G. (2017). Characterizations based on generalized cumulative residual entropy functions. Communication in Statistics - Theory and Methods 46, 1247-1260.

17. Psarrakos, G. and Toomaj, A. (2017). On the generalized cumulative residual entropy with applications in actuarial science. Journal of Computational and Applied Mathematics 309, 186-199.

18. Sordo, M.A. and Psarrakos, G. (2017). Stochastic comparisons of interfailure times under a relevation replacement policy. Journal of Applied Probability 54, 134-145.

19. Psarrakos, G. and Economou, P. (2017). On the generalized cumulative residual entropy weighted distributions. Communication in Statistics - Theory and Methods 47, 10914-10925.

20. Psarrakos, G. and Di Crescenzo, A. (2018). A residual inaccuracy measure based on the relevation transform. Metrika 81, 37-59.

21. Di Crescenzo, A. and Psarrakos, G. (2019). Probabilistic mean value theorems for conditioned random variables with applications. Applied Stochastic Models in Business and Industry 35, 923-938.

22. Psarrakos, G. and Sordo, M.A. (2019). On a family of risk measures based on the proportional hazards model and tail probability. Insurance: Mathematics and Economics 86, 232-240.

23. Psarrakos, G. and Toomaj, A. (2020). On the elasticity of expected interepoch intervals in a non-homogeneous Poisson process under small variations of hazard rate.
Probability in the Engineering and Informational Sciences 34, 550-569.

24. Castano-Martinez, A., Pigueiras, G., Psarrakos, G. and Sordo, M.A. (2020). Increasing concave comparison of some linear combinations of order statistics with applications to social welfare. Metrika 83, 699-712.

25. Economou, P., Psarrakos, G. and Toomaj, A. (2020). Recruitment and survival time under mean residual lifetime bias sampling. Statistics: A Journal of Theoretical and Applied Statistics 54, 885-907.

26. Psarrakos, G. (2021). Relations between integrated tails and moments based on the deficit at ruin in the renewal risk model. Communication in Statistics - Theory and Methods, accepted.

27. Psarrakos, G. and Vliora, P. (2021). Sensitivity analysis and tail variability for the Wang's actuarial index. Insurance: Mathematics and Economics 98, 147-152.

28. Cali, C., Longobardi, M. and Psarrakos, G. (2021). A family of weighted distributions based on the mean inactivity time and cumulative past entropies. Ricerche di Matematica 70, 395-409.

29. Losidis, S., Politis, K. and Psarrakos, G. (2021). Exact results and bounds for the joint tail and moments of the recurrence times in a renewal process. Methodology and Computing in Applied Probability 23, 1489-1505.

30. Psarrakos, G. (2022). How a probabilistic analogue of the mean value theorem yields Stein-type covariance identities. Journal of Applied Probability, in press.

ΚΡΙΣΕΙΣ ΕΡΓΑΣΙΩΝ

Έχω διατελέσει κριτής (referee) στα εξής διεθνή περιοδικά:
Applied Stochastic Models in Busness and Industry, Asia-Pacific Journal of Risk and Insurance, ASTIN Bulletin, Brazilian Journal of Probability and Statistics, Communication in Statistics (Simulation and Computation, Theory and Methods), Entropy, IEEE Transactions on Information Theory, Journal of Applied Probability, Journal of Computational and Applied Mathematics, Journal of Probability and Statistics, Mathematical Communications, Methodology and Computing in Applied Probability, Metrika, Probability in the Engineering and Information Sciences, Scandinavian Actuarial Journal, Soft Computing, Statistics, TEST.