

Michal Pešta

Selected Citations

Papers with citations in WoS and without autocitations

- [1] Pešta M, Wendler M (2019) Nuisance-parameter-free changepoint detection in non-stationary series. *TEST*, doi.org/10.1007/s11749-019-00659-1
WoS citations (without autocitations): 0; +1 paper citing this paper is already in WoS
- (1) Baranowski R, Chen Y, Fryzlewicz P (2019) Narrowest-over-threshold detection of multiple change points and change-point-like features. *Journal of the Royal Statistical Society: Series B*, 81(3):649–672
- [2] Maciak M, Peštová B, and Pešta M (2018) Structural breaks in dependent, heteroscedastic, and extremal panel data. *Kybernetika*, 54(6):1106–1121
WoS: 1
- (2) Gómez-Déniz E, Iriarte YA, Calderín-Ojeda E, Gómez HW (2019) Modified power-symmetric distribution. *Symmetry*, 11(11):1410
- [3] Bašová P, Pešta M, Sochor M, Stopka T (2017) Prediction potential of serum miR-155 and miR-24 for relapsing early breast cancer. *International Journal of Molecular Science*, 18(10):2116
WoS: 6; +5 citations in Scopus (and not in WoS)
- (3) Bottani M, Banfi G, Lombardi G (2019) Circulating miRNAs as Diagnostic and Prognostic Biomarkers in Common Solid Tumors: Focus on Lung, Breast, Prostate Cancers, and Osteosarcoma. *Journal of Clinical Medicine*, 120(8):12966–12976
- (4) Guo H, Qi R-Q, Sheng J, Liu C, Ma H, Wang H-X, Li J-H, Gao X-H, Wan Y-S, Chen H-D (2018) MiR-155, a potential serum marker of extramammary Paget's disease. *BMC Cancer*, 18:1078
- (5) Han X, Li Q, Liu C, Wang C, Li Y (2018) Overexpression miR-24-3p repressed Bim expression to confer tamoxifen resistance in breast cancer. *Journal of Cellular Biochemistry*, 120(8):12966–12976
- [4] Dusílková N, Bašová P, Polívka J, Kodet O, Kulvait V, Pešta M, Trněný M, Stopka T (2017) Plasma miR-155, miR-203, and miR-205 are biomarkers for monitoring of primary cutaneous T-cell lymphomas. *International Journal of Molecular Science*, 18(10):2136
WoS: 7; +3 citation in Scopus (and not in WoS)
- (6) Gupta N, Kumar R, Seth T, Garg B, Sati HC, Sharma A (2019) Clinical significance of circulatory microRNA-203 in serum as novel potential diagnostic marker for multiple myeloma. *Journal of Cancer Research and Clinical Oncology*, 145(6):1601–1611
- (7) Alfonsi R, Grassi L, Signore M, Bonci D (2018) Clinical significance of circulatory microRNA-203 in serum as novel potential diagnostic marker for multiple myeloma. *International Journal of Molecular Science*, 19(4):1183
- (8) Martinez-Escala ME, Choi J (2018) Are MicroRNAs key to developing biomarkers for cutaneous T-cell lymphoma? *Journal of Investigative Dermatology*, 138(9):1906–1908

- [5] Gijbels I, Omelka M, Pešta M, Veraverbeke N (2017) Score tests for covariate effects in conditional copulas. *Journal of Multivariate Analysis*, 159(7):111–133
WoS: 1
- (9) Neumeyer N, Omelka M, Hudecova S (2019) A copula approach for dependence modeling in multivariate nonparametric time series. *Journal of Multivariate Analysis*, 171(5):139–162
- [6] Peštová B, Pešta M (2017) Change point estimation in panel data without boundary issue. *Risks*, 5(1):7
WoS: 2
- (10) Westerlund J (2019) Common breaks in means for cross-correlated fixed- T panel data. *Journal of Time Series Analysis*, 40(2):248–255
- (11) Tiwari A, Patro A (2018) Memory, risk aversion, and nonlife insurance consumption: Evidence from emerging and developing markets. *Risks*, 6(4):145
- [7] Polgárová K, Vargová K, Kulvait V, Dusílková N, Minárik L, Zemanová Z, Pešta M, Jonášová A, Stopka T (2017) Somatic mutation dynamics in MDS patients treated with Azacitidine indicate clonal selection in patients-responders. *Oncotarget*, 8(67):111966–111978
WoS: 1; +2 citation in Scopus (and not in WoS)
- (12) Jonášová A, Neuwirtová R, Poláčková H, Šíšková M, Stopka T, Cmunt E, Beličková M, Moudrá A, Minárik L, Fuchs O, Michalová K, Zemanová Z (2019) Lenalidomide treatment in lower risk myelodysplastic syndromes—The experience of a Czech hematology center. (Positive effect of erythropoietin +/- prednisone addition to lenalidomide in refractory or relapsed patients). *Leukemia Research*, 69:12–17
- [8] Vargová K, Pešta M, Obrtlíková P, Dusílková N, Minárik L, Vargová J, Berková A, Zemanová Z, Michalová K, Špaček M, Trněný M, Stopka T (2017) MiR-155/miR-150 network regulates progression through the disease phases of chronic lymphocytic leukemia. *Blood Cancer Journal*, 7(7):e585
WoS: 6
- (13) Gui G, Zhang H, Tan Q, Ling X, Liu Z, Peng J, Shao J, Wu M, Yuan Q, Li J, Pan z, Zhong B, Liu L (2019) Poly(ADP-ribose) polymerase-1 promotes expression of miR-155 by the up-regulation of methyl-CpG binding domain protein 2 in TK6 cells exposed to hydroquinone. *Toxicology in Vitro*, 55:51–57
- (14) Tomuleasa C, Selicean C, Cismas S, Jurj A, Marian M, Dima D, Pasca S, Petrushev B, Moisiu V, Micu W-T, Vischer A, Arifeen K, Selicean S, Zdrenghia M, Bumbea H, Tanase A, Grewal R, Pop L, Aanei C, Berindan-Neagoe I (2018) Minimal residual disease in chronic lymphocytic leukemia: A consensus paper that presents the clinical impact of the presently available laboratory approaches. *Critical Reviews in Clinical Laboratory Sciences*, 55(5):329–345
- (15) Zhang X, Wang Y, Guo Q, Diao Y, Liu H, Song G, Wang W, Zhang Z, Yin Z, Li L (2018) Prognostic role of microRNA-155 in patients with leukemia: A meta-analysis. *Clinica Chimica Acta*, 483:6–13
- [9] Pešta M (2016) Unitarily invariant errors-in-variables estimation. *Statistical Papers*, 57(4):1041–1057
WoS: 1; +1 will appear in WoS

- (16) Liu X, Zhu Y (2017) Identification of errors-in-variables systems: An asymptotic approach. *International Journal of Adaptive Control and Signal Processing*, 31(8):1126–1138
- (17) Hladík M, Černý M, Antoch J (2017) EIV regression with bounded errors in data: total 'least squares' with Chebyshev norm. *Statistical Papers*, doi.org/10.1007/s00362-017-0939-z
- [10] Peštová B, Pešta M (2015) Testing structural changes in panel data with small fixed panel size and bootstrap. *Metrika*, 78(6):665–689
WoS: 4; +1 will appear in WoS and is in Scopus
- (18) Ciuperca G, Maciak M (2020) Changepoint detection by the quantile LASSO method. *Journal of Statistical Theory and Practice*, 14(1):11
- (19) Antoch J, Hanousek J, Horváth L, Hušková M, Wang S (2019) Structural breaks in panel data: Large number of panels and short length time series. *Econometric Reviews*, 38(7):828–855
- (20) Tiwari A, Patro A (2018) Memory, risk aversion, and nonlife insurance consumption: Evidence from emerging and developing markets. *Risks*, 6(4):145
- (21) Xu L, Wang D (2017) Parametric bootstrap inferences for unbalanced panel data models. *Communications in Statistics – Simulation and Computation*, 46(10):7602–7613
- (22) Torgovitski L (2017) Panel data segmentation under finite time horizon. *Journal of Statistical Planning and Inference*, 167:69–89
- [11] Pešta M, Okhrin O (2014) Conditional least squares and copulae in claims reserving for a single line of business. *Insurance: Mathematics and Economics*, 56(1):28–37
WoS: 5; +1 will appear in WoS; +1 citation in Scopus (and not in WoS)
- (23) De Felice M, Moriconi F (2019) Claim watching and individual claims reserving using classification and regression trees. *Risks*, 7(4):102
- (24) Oflaz ZN, Yozgatligil C, Selcuk-Kestel AS (2019) Aggregate claim estimation using bivariate hidden Markov mode. *ASTIN Bulletin*, 49(1):189–215
- (25) Pfeifer D, Ragulina O (2018) Generating VaR Scenarios under Solvency II with Product Beta Distributions. *Risks*, 6(4):122
- (26) Tiwari A, Patro A (2018) Memory, risk aversion, and nonlife insurance consumption: Evidence from emerging and developing markets. *Risks*, 6(4):145
- (27) Araichi S, de Peretti C, Belkacem L (2017) Reserve modelling and the aggregation of risks using time varying copula models. *Economic Modelling*, 67:149–158
- (28) Zimmermann P (2017) Comparison of severity estimators' efficiency based on different data aggregation levels. *Statistika – Statistics and Economy Journal*, 97(4):76–96
- (29) Eling M, Jia R (2017) Recent research developments affecting nonlife insurance—The CAS risk premium project 2014 update. *Risk Management and Insurance Review*, 20(1):63–77 (in Scopus)
- [12] Sochor M, Basová P, Pešta M, Dusilková N, Bartoš J, Burda P, Pospíšil V, Stopka T (2014) Oncogenic MicroRNAs: MiR-155, miR-19a, miR-181b, and miR-24 enable monitoring of early breast cancer in serum. *BMC Cancer*, 14(1):448
WoS: 91; +9 citations in Scopus (and not in WoS)
- (30) Anfossi S, Babayan A, Pantel K, Calin GA (2019) Clinical utility of circulating non-coding RNAs – an update. *Nature Reviews Clinical Oncology*, 15(9):541–563

- (31) Cui SF, Liao X, Ye C, Yin X, Liu MH, Hong YT, Yu MC, Liu YQ, Liang HW, Zhang CY, Chen X (2017) ING5 suppresses breast cancer progression and is regulated by miR-24. *Molecular Cancer*, 16:89
- (32) Michael JV, Wurtzel JGT, Mao GF, Rao AK, Kolpakov MA, Sabri A, Hoffman NE, Rajan S, Tomar D, Madesh M, Nieman MT, Yu J, Edelstein LC, Rowley JW, Weyrich AS, Goldfinger LE (2017) Platelet microparticles infiltrating solid tumors transfer miRNAs that suppress tumor growth. *Blood*, 130(5):567–580
- [13] Hudecová Š, Pešta M (2013) Modeling Dependencies in Claims Reserving with GEE. *Insurance: Mathematics and Economics*, 53(3):786–794
WoS: 6
- (33) Oflaz ZN, Yozgatligil C, Selcuk-Kestel AS (2019) Aggregate claim estimation using bivariate hidden Markov mode. *ASTIN Bulletin*, 49(1):189–215
- (34) Strascia SC, Tripodi A (2018) Overdispersed-Poisson model in claims reserving: Closed tool for one-year volatility in GLM framework. *Risks*, 6(4):139
- (35) Zimmermann P (2017) Comparison of severity estimators' efficiency based on different data aggregation levels. *Statistika – Statistics and Economy Journal*, 97(4):76–96
- (36) Gerthofer M, Zimmermann P, Fedorčáková C, Budka R (2016) Claims reserving within the panel data framework. In Boďa M, Mendelová V, eds, *Applications of Mathematics and Statistics in Economics*. 19th Conference on Applications of Mathematics and Statistics in Economics, pages 118–130. Občianske združenie Financ, Banská Bystrica, ISBN: 978-80-89438-04-4
- (37) Parsons MJG, Salgado-Kent CP, Marley SA, Gavrilov AN, McCauley RD (2016) Characterizing diversity and variation in fish choruses in Darwin Harbour. *ICES Journal of Marine Science*, 73(8):2058–2074
- (38) Paiva EG, Kent CPS, Gagnon MM, McCauley R, Finn H (2015) Reduced detection of Indo-Pacific bottlenose dolphins (*Tursiops aduncus*) in an inner harbour channel during pile driving activities. *Aquatic Mammals*, 41(4):455–468
- [14] Pešta M (2013) Asymptotics for weakly dependent errors-in-variables. *Kybernetika*, 49(5):692–704
WoS: 2
- (39) Kukush A, Tsaregorodtsev Y (2016) Asymptotic normality of total least squares estimator in a multivariate errors-in-variables model $AX = B$. *Modern Stochastics – Theory and Applications*, 3(1):47–57
- (40) Miao Y, Wang Y, Zheng H (2015) Consistency of LS estimators in the EV regression model with martingale difference errors. *Statistics*, 49(1):104–118
- [15] Pešta M (2013) Total least squares and bootstrapping with application in calibration. *Statistics*, 47(5):966–991
WoS: 2; +4 will appear in WoS; +2 citations in Scopus (and not in WoS)
- (41) Martínez-Flórez G, Lemonte AJ, Salinas HS (2019) Multivariate Skew-Power-Normal Distributions: Properties and Associated Inference. *Symmetry*, 11(12):1509
- (42) Daily-Amir D, Albrecher H, Bladt M, Wagner J (2019) On market share drivers in the Swiss mandatory health insurance sector. *Risks*, 7(4):114
- (43) Arshad RMI, Chesneau C, Jamal F (2019) The odd gamma Weibull-geometric model: Theory and applications. *Mathematics*, 7(5):399

- (44) DelSole T, Trenary L, Yan X, Tippett MK (2019) Confidence intervals in optimal fingerprinting. *Climate Dynamics*, 52(7–8):4111–4126
- (45) Gómez-Déniz E, Iriarte YA, Calderín-Ojeda E, Gómez HW (2019) Modified power-symmetric distribution. *Symmetry*, 11(11):1410
- (46) Emile-Geay J, Cobb KM, Carré M, Braconnot P, Leloup J, Zhou Y, Harrison SP, Corrège T, McGregor HV, Collins M, Driscoll R, Elliot M, Schneider B, Tudhope A (2016) Links between tropical Pacific seasonal, interannual and orbital variability during the Holocene. *Nature Geoscience*, 9(2):168–173
- (47) Kalina J, Pešková B (2017) Nonparametric bootstrap estimation for implicitly weighted robust regression. In Hlaváčková J, ed, *CEUR Workshop Proceedings*. Vol. 1885, 17th Conference on Information Technologies – Applications and Theory, pages 78–85. CEUR-WS, Martinské Hole, ISSN: 1613-0073 (in Scopus)
- (48) Alhumaidi M, Zoubir AM (2013) Optics non-linear components measurement using BPM signals. *Proceedings of the 2nd International Beam Instrumentation Conference*, pages 279–282. Joint Accelerator Conferences Website, Oxford, ISBN: 978-395450127-4 (in Scopus)
- [16] Pešta M, Hudecová Š (2012) Asymptotic consistency and inconsistency of the chain ladder. *Insurance: Mathematics and Economics*, 51(2):472–479
WoS: 1
- (49) Kwon HS, Vu UQ (2017) Consideration of a structural-change point in the chain-ladder method. *Communications for Statistical Applications and Methods*, 24(3):211–226
- [17] Pešta M (2011) Strongly consistent estimation in dependent errors-in-variables. *Acta Universitatis Carolinae: Mathematica et Physica*, 52(1):69–79
WoS: 0; +2 WoS papers' citations on a paper not in WoS
- (50) Hladík M, Černý M, Antoch J (2017) EIV regression with bounded errors in data: total 'least squares' with Chebyshev norm. *Statistical Papers*, doi.org/10.1007/s00362-017-0939-z
- (51) Miao Y, Wang Y, Zheng H (2015) Consistency of LS estimators in the EV regression model with martingale difference errors. *Statistics*, 49(1):104–118
- [18] Slavík O, Pešta M, Horký P (2011) Effect of grading on energy consumption in European catfish. *Aquaculture*, 313(1–4):73–78
WoS: 12; +2 citations in Scopus (and not in WoS)
- (52) Cucherousset J, Horký P, Slavík O, Ovidio M, Arlinghaus R, Bouletreau S, Britton R, Garcia-Berthou E, Santoul F (2018) Ecology, behaviour and management of the European catfish. *Reviews in Fish Biology and Fisheries*, 28(1):177-190
- (53) Bogner M, Zwicker S, Bogner D, Slater MJ (2017) Influence of feeding sequence, light and colour on the performance of a self-grading system designed for turbot (*Scophthalmus maximus*). *Aquacultural Engineering*, 77:1–8
- (54) Zach GJ, Peneder S, Strodl MA, Schausberger P (2012) Social familiarity governs prey patch-exploitation, leaving and inter-patch distribution of the group-living predatory mite *Phytoseiulus persimilis*. *PLOS One*, 7(8):e42889
- [19] Kováčik M, Madarász Š, Bartko D, Pešta M, Herzig R, Kaňovský P (2010) Stroke and coronary artery disease. *Česká a slovenská neurologie a neurochirurgie*, 73/105(5):497–502
WoS: 1

- (55) Kováčik M, Madarász Š, Král M, Veverka, T, Herzig R, Kaňovský P (2013) Risk factors associated with ischemic heart disease occurrence in acute ischemic stroke patients. *Biomedical Papers – Olomouc*, 157(2):168–171

In total 141 citations in WoS without autocitations

- +8 WoS citations will appear soon
- +2 citations via papers in WoS on a paper not in WoS
- +24 citations in Scopus (and not in WoS) on a WoS paper

Prague, December 29, 2019