**PhDr. Ladislav KRIŠTOUFEK, Ph.D.: Seznam publikací**

A) Vědecké monografie

B) Kapitoly v monografiích

KRIŠTOUFEK, L., 2010. „Efficiency, persistence and predictability of Central European Stock Markets“ in „Banking and Financial Markets in Central and Eastern Europe after 20 years of transition“, *Edited by R. Matousek, Palgrave Macmillan Ltd.,* ISBN 978-0-230-30221-1

C) Původní vědecké práce

**C1) Články v časopisech s impakt faktorem**

FILIP, O.; JANDA, K.; KRIŠTOUFEK, L; ZILBERMAN, D. 2018. „Food versus fuel: An updated and expanded evidence“, *Energy Economics*, v tisku, ISSN 0140-9883. IF 3.910 [autorský podíl 40 %]

*Publikované také v: IES Working Papers 26/2017, Institute of Economic Studies, Faculty of Social Sciences, Charles University in Prague, http://ies.fsv.cuni.cz/sci/publication/show/id/5795/lang/en*

FILIP, O.; JANDA, K.; KRIŠTOUFEK, L. 2018. „Ceny biopaliv a souvisejících komodit: propojení ekonomie a teorie grafů“, *Politická ekonomie*, 66 (2), pp. 218-239. ISSN 0032-3233. IF 0.380 [[30](http://www.ecb.europa.eu/pub/pdf/scpwps/ecbwp1485.pdf.%20%5b20) %].

KRIŠTOUFEK, L.; FERREIRA, P. 2018. “Capital asset pricing model in Portugal: Evidence from fractal regressions”, *Portuguese Economic Journal*, 17 (3), pp. 173-183. ISSN 1617-982X. IF 0.400 [[50](http://www.ecb.europa.eu/pub/pdf/scpwps/ecbwp1485.pdf.%20%5b20) %].

KRIŠTOUFEK, L.; VOŠVRDA, M. 2018. “Herding, minority game, market clearing and efficient markets in a simple spin model framework”, *Communications in Nonlinear Science and Numerical Simulations*, 54, pp. 148-155. ISSN 1007-5704. IF 3.181 [80 %].

KRIŠTOUFEK, L. 2018. “Are the crude oil markets really becoming more efficient over time? Some new evidence”, *Energy Economics*, v tisku, ISSN 0140-9883. IF 3.910.

*Publikované také v: IES Working Papers 07/2018, Institute of Economic Studies, Faculty of Social Sciences, Charles University in Prague, http://ies.fsv.cuni.cz/sci/publication/show/id/5821/lang/cs*

KRIŠTOUFEK, L. 2018. “Does solar activity affect human happiness?”, *Physica A: Statistical Mechanics and Its Applications*, 493, pp. 47-53. ISSN 0378-4371. IF 2.132.

KRIŠTOUFEK, L.2018. “Fractality in market risk structure”, *Chaos Solitons & Fractals*, 110, pp. 69-75. ISSN 0960-0779. IF 2.213.

KRIŠTOUFEK, L. 2018. “On Bitcoin (in)efficiency and its evolution”, *Physica A: Statistical Mechanics and Its Applications*, 503, pp. 257-262. ISSN ISSN 0378-4371. IF 2.132.

FERREIRA, P.; KRIŠTOUFEK, L. 2017. “What is new about covered interest parity condition in the European Union? Evidence from fractal cross-correlation regressions”, *Physica A: Statistical Mechanics and Its Applications*, 486, pp. 554-566. ISSN 0378-4371. IF 2.132 [50 %].

KRIŠTOUFEK, L. 2017. “Fractal approach towards power-law coherency to measure cross-correlations between time series”, *Communications in Nonlinear Science and Numerical Simulation*, 50, pp. 193-200. ISSN ISSN 1007-5704. IF 3.181.

KRIŠTOUFEK, L. 2017. “Has global warming modified the relationship between sunspot numbers and global temperatures?”, *Physica A: Statistical Mechanics and Its Applications*, 468, pp. 351-358. ISSN ISSN 0378-4371. IF 2.132.

FILIP, O.; JANDA, K.; KRIŠTOUFEK, L.; ZILBERMAN, D. 2016. “Dynamics and evolution of the role of biofuels in global commodity and financial markets”, *Nature Energy*, 1, art. 16169. ISSN 2058-7546. IF 46.859 [40 %].

KRIŠTOUFEK, L; MOAT, H.S.; PREIS, T. 2016. “Estimating suicide occurrence statistics using Google Trends”, *EPJ Data Science*, 5, art. 32. ISSN 2193-1127. IF 2.982 [40 %].

KRIŠTOUFEK, L.; VOŠVRDA, M. 2016. “Gold, currencies and market efficiency”, *Physica A: Statistical Mechanics and Its Applications*, 449, pp. 27-34. ISSN 0378-4371. IF 2.132 [80 %].

KRIŠTOUFEK, L. 2016. “Power-law cross-correlations estimation under heavy tails”, *Communications in Nonlinear Science and Numerical Simulation*, 40, pp. 163-172. ISSN 1007-5704. IF 3.181.

KRIŠTOUFEK, L. 2016. “Scaling dependence between foreign exchange rates and stock markets in Central Europe”, *Acta Physica Polonica A*, 129 (5), pp. 908-912. ISSN 1898-794X. IF 0.857.

KRIŠTOUFEK, L.; JANDA, K.; ZILBERMAN, D., 2016. “Co-movements of ethanol related prices: Evidence from Brazil and the USA”, *Global Change Biology Bioenergy*, 8 (2), pp. 34|6-356. ISSN 1757-1693. IF 5.415. [60 %]

KRIŠTOUFEK, L.; LUŇÁČKOVÁ, P., 2015. „Rockets and feathers meet Joseph: Reinvestigating the oil-gasoline asymmetry on the international markets“, *Energy Economics*, 49, pp. 1-8. ISSN 0140-9883. IF 3.910. [[50](http://www.ecb.europa.eu/pub/pdf/scpwps/ecbwp1485.pdf.%20%5b20) %]

*Publikováné také v: Working Papers IES 2/2015, Institute of Economic Studies, Faculty of Social Sciences, Charles University in Prague, http://ies.fsv.cuni.cz/sci/publication/show/id/5241/lang/en*

KRIŠTOUFEK, L., 2015. “Detrended fluctuation analysis as a regression framework: Estimating dependence at different scales”, *Physical Review E,* 91:022802. ISSN 1539-3755. IF 2.284.

KRIŠTOUFEK, L., 2015. “Can the bivariate Hurst exponent be higher than an average of the separate Hurst exponents?”, *[Physica A: Statistical Mechanics and its Applications](http://ideas.repec.org/s/eee/jimfin.html)*, v tisku. ISSN 0378-4371. IF 2.132.

KRIŠTOUFEK, L., 2015. “Finite sample properties of power-law cross-correlations estimators”, *[Physica A: Statistical Mechanics and its Applications](http://ideas.repec.org/s/eee/jimfin.html)*, 419, pp. 513-525. ISSN 0378-4371. IF 2.132.

KRIŠTOUFEK, L., 2015. “On the interplay between short- and long-term memory in the power-law cross-correlations setting”, [*Physica A: Statistical Mechanics and its Applications*](http://ideas.repec.org/s/eee/jimfin.html), 421, pp. 218-222. ISSN 0378-4371. IF 2.132.

KRIŠTOUFEK, L., 2015. “Power-law correlations in finance-related Google searches, and their cross-correlations with volatility and traded volume: Evidence from the Dow Jones Industrial components”, [*Physica A: Statistical Mechanics and its Applications*](http://ideas.repec.org/s/eee/jimfin.html), 418, pp. 194-205. ISSN 0378-4371. IF 2.132.

PAULUS, M.; KRIŠTOUFEK, L., 2015. “Worldwide clustering of the corruption perception”, [*Physica A: Statistical Mechanics and its Applications*](http://ideas.repec.org/s/eee/jimfin.html), v tisku. ISSN 0378-4371. IF 2.132. [50%]

BLÁHOVÁ, P.; JANDA, K.; KRIŠTOUFEK, L., 2014. “The perspectives for genetically modified cellulosic biofuels in the Central European conditions”, *Agricultural Economics – Zemedelska Ekonomika,* 60, pp. 247-259, ISSN 0139-570X. IF 0.706 [20%]

*Publikováné také v: Working Papers IES 2/2015, Institute of Economic Studies, Faculty of Social Sciences, Charles University in Prague, http://ies.fsv.cuni.cz/sci/publication/show/id/5024/lang/en*

CHRZ, Š.; JANDA, K.; KRIŠTOUFEK, L., 2014. “Provázanost trhu potravin, biopaliv a fosilních paliv”, *Politická ekonomie,* 61, pp. 117-140, ISSN 0032-3233. IF 0.380 [20%]

KRIŠTOUFEK, L.; JANDA, K.; ZILBERMAN, D., 2014. “Price transmission between biofuels, fuels and food commodities”, *Biofuels Bioproducts & Biorefining*, 8 (3), pp. 362-373. ISSN 1932-104X. IF 3.376. [60 %]

*Publikované také v: IES Working Papers 16/2013, Institute of Economic Studies, Faculty of Social Sciences, Charles University in Prague,* [*http://ies.fsv.cuni.cz/sci/publication/show/id/4903/lang/en*](http://ies.fsv.cuni.cz/sci/publication/show/id/4903/lang/en)

*Publikované také v: CERGE-EI Working Paper 481, CERGE-EI, Charles University in Prague,* [*http://www.cerge-ei.cz/pdf/wp/Wp481.pdf*](http://www.cerge-ei.cz/pdf/wp/Wp481.pdf)

*Publikované také v: CAMA Working Paper Seroes 38/2012, Australian National University, https://cama.crawford.anu.edu.au/pdf/working-papers/2012/382012.pdf*

KRIŠTOUFEK, L.; VOŠVRDA, M., 2014. “Commodity futures and market efficiency”, *Energy Economics*, 42, pp. 50-57. ISSN 0140-9883. IF 3.910. [50 %]

*Publikované také v: FinMaP Working Papers 18, Financial Distortions and Macroeconomic Performance: Expectations, Constraints and Interaction of Agents,* [*http://www.fin-*](http://www.fin-) *mapfp7.eu/files/wp/14WP18\_MeasuringCapitalMarketEfficiency.pdf*

KRIŠTOUFEK, L.; VOŠVRDA, M., 2014. “Measuring capital market efficiency: Long-term memory, fractal dimension and approximate entropy”, *European Physical Journal B*, 87:162. ISSN 1434-6028. IF 1.536. [50 %]

KRIŠTOUFEK, L., 2014. “Detrending moving-average cross-correlation coefficient: Measuring cross-correlations between non-stationary series”, [*Physica A: Statistical Mechanics and its Applications*](http://ideas.repec.org/s/eee/jimfin.html), 406, pp. 169-175. ISSN 0378-4371. IF 2.132.

KRIŠTOUFEK, L., 2014. “Leverage effect in energy futures”, *Energy Economics*, 45, pp. 1-9. ISSN 0140-9883. IF 3.910.

*Publikované také v: FinMaP Working Papers 17, Financial Distortions and Macroeconomic Performance: Expectations, Constraints and Interaction of Agents,* [*http://www.finmap-*](http://www.finmap-) *fp7.eu/files/wp/14WP17\_LeverageEffectinEnergyFutures.pdf*

KRIŠTOUFEK, L., 2014. “Measuring correlations between non-stationary series with DCCA coefficient”, [*Physica A: Statistical Mechanics and its Applications*](http://ideas.repec.org/s/eee/jimfin.html), 402, pp. 291-298. ISSN 0378-4371. IF 2.132.

KRIŠTOUFEK, L., 2014. “Spectrum-based estimators of the bivariate Hurst exponent”, *Physical Review E,* 90:062802. ISSN 1539-3755. IF 2.284.

KRIŠTOUFEK, L.; JANDA, K.; ZILBERMAN, D., 2013. “Regime-dependent topological properties of biofuels networks”, *European Physical Journal B*, 86:40. ISSN 1434-6028. IF 1.536. [60 %]

*Publikované také v: CAMA Working Paper Series 49/2012, Australian National University, https://cama.crawford.anu.edu.au/pdf/working-papers/2012/492012.pdf*

KRIŠTOUFEK, L.; LUŇÁČKOVÁ, P., 2013. „Long-term memory in electricity prices: Czech Market evidence“, *Czech Journal of Economics and Finance*, 63 (5), pp. 407-424. ISSN 0015-1920. IF 0.563. [[50](http://www.ecb.europa.eu/pub/pdf/scpwps/ecbwp1485.pdf.%20%5b20) %]

KRIŠTOUFEK, L.; VOŠVRDA, M., 2013. “Measuring capital market efficiency: Global and local correlations structure”, [*Physica A: Statistical Mechanics and its Applications*](http://ideas.repec.org/s/eee/jimfin.html), 392, pp. 184-193. ISSN 0378-4371. IF 2.132 [50%]

KRIŠTOUFEK, L., 2013. “Bitcoin meets Google Trends and Wikipedia: Quantifying the relationship between phenomena of the Internet era”, *Scientific Reports,* 3:3415. ISSN 2045-2322. IF 4.122.

KRIŠTOUFEK, L., 2013. “Can Google Trends search queries contribute to risk diversification?”, *Scientific Reports,* 3:2713. ISSN 2045-2322. IF 4.122.

KRIŠTOUFEK, L., 2013. “Fractal markets hypothesis and the global financial crisis Wavelet power evidence”, *Scientific Reports,* 3:2857. ISSN 2045-2322. IF 4.122.

KRIŠTOUFEK, L., 2013. “Mixed-correlated ARFIMA processes for power-law cross-correlations”, [*Physica A: Statistical Mechanics and its Applications*](http://ideas.repec.org/s/eee/jimfin.html), 392, pp. 6484-6493. ISSN 0378-4371. IF 2.132.

KRIŠTOUFEK, L, 2013. “Testing power-law cross-correlations: Rescaled covariance test”, *European Physical Journal B*, 86:418. ISSN 1434-6028. IF 1.536.

VÁCHA, L.; JANDA, K.; KRIŠTOUFEK, L.; ZILBERMAN, D. 2013. “Time-frequency dynamics of biofuels-fuels-food system”, *Energy Economics*, 40, pp. 233-241. ISSN 0140-9883. IF 3.910. [30 %]

*Publikované také v: CAMA Working Paper Series 27/2013, Australian National University, https://cama.crawford.anu.edu.au/pdf/working-papers/2013/272013.pdf*

JANDA, K.; KRIŠTOUFEK, L.; ZILBERMAN, D. 2012. “Biofuels: Impacts and policies”, *Agricultural Economics – Zemedelska Ekonomika,* 58, pp. 372-386, ISSN 0139-570X. IF 0.706 [40%]

*Publikované také v: IES Working Papers 33/2011, Institute of Economic Studies, Faculty of Social Sciences, Charles University in Prague,* [*http://ies.fsv.cuni.cz/sci/publication/show/id/4405/lang/en*](http://ies.fsv.cuni.cz/sci/publication/show/id/4405/lang/en)

*Publikované také v: CUDARE Working Papers 1119/2011,* [*http://ageconsearch.umn.edu/bitstream/120415/2/CUDARE%201119%20Zilberman.p*](http://ageconsearch.umn.edu/bitstream/120415/2/CUDARE%201119%20Zilberman.p) *df*

KRIŠTOUFEK, L.; JANDA, K.; ZILBERMAN, D. 2012. “Correlations between biofuels and related commodities before and during the food crisis: A taxonomy perspective”, *Energy Economics*, 34, pp. 1380-1391. ISSN 0140-9883. IF 3.910. [60 %]

KRIŠTOUFEK, L.; SKUHROVEC, J. 2012. “Exponential and power laws in public procurement markets”, *EPL*, 99:28005. ISSN 0295-5075. IF 1.834. [50 %]

KRIŠTOUFEK, L.; VOŠVRDA, M. 2012. “Efektivita kapitálových trhů: Fraktální dimenze, Hurstův exponent a entropie”, *Politická ekonomie,* 16, pp. 208-221, ISSN 0032-3233. IF 0.380 [50%]

KRIŠTOUFEK, L. 2012. “Fractal markets hypothesis and the global financial crisis: Scaling, investment horizons and liquidity”, *Advances in Complex Systems,* 15:1250065, ISSN 0219-5259. IF 0.769

KRIŠTOUFEK, L., 2012. “How are rescaled range analyses affected by different memory and distributional properties? A Monte Carlo study”, [*Physica A: Statistical Mechanics and its Applications*](http://ideas.repec.org/s/eee/jimfin.html), 391, pp. 4252-4260. ISSN 0378-4371. IF 2.132.

KRIŠTOUFEK, L. 2011. “Multifractal height cross-correlation analysis: A new method for analyzing long-range cross-correlations”, *EPL*, 95:68001. ISSN 0295-5075. IF 1.834.

BARUNÍK, J.; KRIŠTOUFEK, L., 2010. “On Hurst exponent estimation under heavy-tailed distributions”, [*Physica A: Statistical Mechanics and its Applications*](http://ideas.repec.org/s/eee/jimfin.html), 389, pp. 3844-3855. ISSN 0378-4371. IF 2.132 [50%]

KRIŠTOUFEK, L. 2010. “Dlouhá paměť a její vývoj ve výnosech burzovního undexu PX v letech 1997 - 2009”, *Politická ekonomie,* 16, pp. 208-221, ISSN 0032-3233. IF 0.380.

KRIŠTOUFEK, L. 2010. “Local scaling properties and market turning points at Prague Stock Exchange”, *Acta Physica Polonica B*, 41, pp. 1001-1014. ISSN 0587-4254. IF 0.875.

KRIŠTOUFEK, L. 2010. “On spurious anti-persistence in the US stock market”, *Chaos Solitons & Fractals*, 43, pp. 68-78. ISSN 0960-0779. IF 2.213.

**C2) Články v zahraničních recenzovaných časopisech**

VAKRMAN, T.; KRIŠTOUFEK, L., 2015. “Underpricing, underperformance and overreaction in initial public offerings: Evidence from investor attention using online searches,” *SpringerPlus*, 4, art. 84. ISSN 2193-1801. [50 %]

KRIŠTOUFEK, L. 2013. “Non-stationary volatility with highly anti-persistent increments: Evidence from range-based volatility”, *Hyperion International Journal of Econophysics & New Economy*, 6, pp. 21-38. ISSN 2069-4350.

KRIŠTOUFEK, L. 2010. “Long-range dependence in returns and volatility of Central European stock indeces”, *Bulleting of the Czech Econometrics Society*, 17, pp. 50-67. ISSN 2336-2782.

*Publikované také v: IES Working Papers 3/2010, Institute of Economic Studies, Faculty of Social Sciences, Charles University in Prague, http://ies.fsv.cuni.cz/sci/publication/show/id/4000/lang/en*

KRIŠTOUFEK, L. 2010. “Rescaled range analysis and detrended fluctuation analysis: Finite sample properties and confidence intervals”, *Czech Economic Review*, 4, pp. 315-329. ISSN 1805-9406.

C4) Stať v recenzovaném sborníku

1. JANDA, K.; KRIŠTOUFEK, L.; ZILBERMAN, D. 2013. “Public policies on biofuels in the context of energy security”, *Proceedings of the 18th International Conference: Theoretical and Practical Aspects of Public Finance 2013, Edited by Sedmihradská, L.*, pp. 86-96. ISBN 978-80-7478-387-6. [40 %]
2. BARUNÍK, J.; VÁCHA, L.; KRIŠTOUFEK, L. 2010. “Comovement of Central European stock markets using wavelet coherence: Evidence from high-frequency data”, *28th International Conference on Mathematical Methods in Economics 2010, Edited by Houda, M. and Friebelova, J.*, pp. 12-17. ISBN 978-80-7394-218-2. [33%]
3. IVANKOVÁ, K.; KRIŠTOUFEK, L.; VOŠVRDA, M. 2011. “Evaluating the Efficient Market Hypothesis by means of isoquantile surfaces and the Hurst exponent”, *29th International Conference on Mathematical Methods in Economics 2011, Edited by Dlouhy, M. and Skocdopolova, V.*, pp. 300-305. ISBN 978-80-7431-058-4. [33%]
4. KRIŠTOUFEK, L. 2011. “Multifractal height cross-correlation analysis”, *29th International Conference on Mathematical Methods in Economics 2011, Edited by Dlouhy, M. and Skocdopolova, V.*, pp. 407-412. ISBN 978-80-7431-058-4.
5. KRIŠTOUFEK, L. 2012. “Non-stationary volatility with highly anti-persistent increments: An alternative paradigm in volatility modeling?”, *30th International Conference on Mathematical Methods in Economics 2012, Edited by Ramik, J. and Stavarek, D.*, pp. 490-495. ISBN 978-80-7248-779-0.
6. KRIŠTOUFEK, L.; VOŠVRDA, M. 2012. “Measuring capital market efficiency with tools of statistical physics”, *30th International Conference on Mathematical Methods in Economics 2012, Edited by Ramik, J. and Stavarek, D.*, pp. 496-201. ISBN 978-80-7248-779-0.
7. KRIŠTOUFEK, L.; JANDA, K.; ZILBERMAN, D. 2012. “Relationship between prices of food, fuel and biofuel”, *Agrarian Perspectives: The 100th Anniversary of Czech Agri-Economic Research: Innovation and Competitiveness of the EU Agrarian Sector, Edited by Czech University of Life Sciences in Prague*, pp. 170-187. ISBN 978-80-213-2370-4. [60 %]
8. KRIŠTOUFEK, L. 2013. “Mixed-correlated ARFIMA processes for power-law cross-correlations”, *31st International Conference on Mathematical Methods in Economics 2013, Edited by Vojackova, H.*, pp. 464-469. ISBN 978-80-87035-76-4.
9. KRIŠTOUFEK, L.; VOŠVRDA, M. 2013. “Measuring capital market efficiency: Long-term memory, fractal dimension and approximate entropy”, *31st International Conference on Mathematical Methods in Economics 2013, Edited by Vojackova, H.*, pp. 470-475. ISBN 978-80-87035-76-4. [50%]

D) Učebnice a učební texty

* 1. Různé závažné práce

**E1) Články publikované v recenzovaných řadách working papers**

JANDA, K.; KRIŠTOUFEK, L. 2018. “The relationship between fuel, biofuel and food prices: Methods and outcomes”, *IES Working Papers 32/2018, Institute of Economic Studies, Faculty of Social Sciences, Charles University,* [*http://ies.fsv.cuni.cz/sci/publication/show/id/5908/lang/cs*](http://ies.fsv.cuni.cz/sci/publication/show/id/5908/lang/cs)

KRIŠTOUFEK, L. 2018. “Are the crude oil market really becoming more efficient over time? Some new evidence”, *IES Working Papers 7/2018, Institute of Economic Studies, Faculty of Social Sciences, Charles University, http://ies.fsv.cuni.cz/sci/publication/show/id/5821/lang/cs*

FILIP, O.; JANDA, K.; KRIŠTOUFEK, L.; ZILBERMAN, D. 2017. “Food versus fuel: An updated and expanded evidence”, *IES Working Papers 26/2017, Institute of Economic Studies, Faculty of Social Sciences, Charles University, http://ies.fsv.cuni.cz/sci/publication/show/id/5795/lang/cs*

FILIP, O.; JANDA, K.; KRIŠTOUFEK, L. 2017. “Prices of biofuels and related commodities: An example of combined economics and graph theory approach”, *IES Working Papers 7/2017, Institute of Economic Studies, Faculty of Social Sciences, Charles University, http://ies.fsv.cuni.cz/sci/publication/show/id/5639/lang/cs*

FILIP, O.; JANDA, K.; KRIŠTOUFEK, L.; ZILBERMAN, D. 2016. “Foods, fuels or finances: Which prices matter for biofuels?”, *IES Working Papers 16/2016, Institute of Economic Studies, Faculty of Social Sciences, Charles University,* [*http://ies.fsv.cuni.cz/sci/publication/show/id/5501/lang/cs*](http://ies.fsv.cuni.cz/sci/publication/show/id/5501/lang/cs)

KRIŠTOUFEK, L.; LUŇÁČKOVÁ, P., 2015. „Rockets and feathers meet Joseph: Reinvestigating the oil-gasoline asymmetry on the international markets“, *IES Working Papers 2/2015, Institute of Economic Studies, Faculty of Social Sciences, Charles University in Prague, http://ies.fsv.cuni.cz/sci/publication/show/id/5241/lang/en* [[50](http://www.ecb.europa.eu/pub/pdf/scpwps/ecbwp1485.pdf.%20%5b20) %]

HORTOVÁ, J.; KRIŠTOUFEK, L., 2014. „Price elasticity of household water demand in the Czech Republic“, *IES Working Papers 38/2014, Institute of Economic Studies, Faculty of Social Sciences, Charles University in Prague, http://ies.fsv.cuni.cz/sci/publication/show/id/5234/lang/en* [[50](http://www.ecb.europa.eu/pub/pdf/scpwps/ecbwp1485.pdf.%20%5b20) %]

BLÁHOVÁ, P.; JANDA, K.; KRIŠTOUFEK, L., 2014. “The perspectives for genetically modified cellulosic biofuels in the Central European conditions”, *IES Working Papers 2/2014, Institute of Economic Studies, Faculty of Social Sciences, Charles University in Prague, http://ies.fsv.cuni.cz/sci/publication/show/id/5234/lang/en* [[20](http://www.ecb.europa.eu/pub/pdf/scpwps/ecbwp1485.pdf.%20%5b20) %]

KRIŠTOUFEK, L.; JANDA, K.; ZILBERMAN, D. 2013. “Non-linear price transmission between biofuels, fuels and food commodities”, *IES Working Papers 16/2013, Institute of Economic Studies, Faculty of Social Sciences, Charles University in Prague, http://ies.fsv.cuni.cz/sci/publication/show/id/4903/lang/en* [[40](http://www.ecb.europa.eu/pub/pdf/scpwps/ecbwp1485.pdf.%20%5b20) %]

*Publikované také v: CERGE-EI Working Paper 481, CERGE-EI, Charles University in Prague,* [*http://www.cerge-ei.cz/pdf/wp/Wp481.pdf*](http://www.cerge-ei.cz/pdf/wp/Wp481.pdf)

*Publikované také v: CAMA Working Paper Series 38/2012, Australian National University, https://cama.crawford.anu.edu.au/pdf/working-papers/2012/382012.pdf*

KRIŠTOUFEK, L.; JANDA, K.; ZILBERMAN, D. 2012. “Correlations between biofuels and related commodities” A taxonomy perspective”, *IES Working Papers 15/2012, Institute of Economic Studies, Faculty of Social Sciences, Charles University in Prague, http://ies.fsv.cuni.cz/sci/publication/show/id/4623/lang/en* [[40](http://www.ecb.europa.eu/pub/pdf/scpwps/ecbwp1485.pdf.%20%5b20) %]

*Publikované také v: Energy and Environmental Economics WP Series 030, University of California, Berkeley,* [*http://www.uce3.ucsb.edu/WP\_030.pdf*](http://www.uce3.ucsb.edu/WP_030.pdf)

*Publikované také v: CAMA Working Paper Series 29/2012, Australian National University, http://cbe.anu.edu.au/media/1800978/29\_kristoufek\_janda\_zilberman\_2012.pdf*

BARUNÍK, J.; VÁCHA, L.; KRIŠTOUFEK, L. 2011. “Comovement of Central European stock markets using wavelet coherence Evidence from high-frequency data”, *IES Working Papers 22/2011, Institute of Economic Studies, Faculty of Social Sciences, Charles University in Prague, http://ies.fsv.cuni.cz/sci/publication/show/id/4334/lang/en* [[33](http://www.ecb.europa.eu/pub/pdf/scpwps/ecbwp1485.pdf.%20%5b20) %]

JANDA, K.; KRIŠTOUFEK, L.; ZILBERMAN, D. 2011. “Modeling the environmental and socio-economic impacts of biofuels”, *IES Working Papers 33/2011, Institute of Economic Studies, Faculty of Social Sciences, Charles University in Prague, http://ies.fsv.cuni.cz/sci/publication/show/id/4405/lang/en* [[40](http://www.ecb.europa.eu/pub/pdf/scpwps/ecbwp1485.pdf.%20%5b20) %]

KRIŠTOUFEK, L. 2010. “Long-range dependence in returns and volatility of Central European stock indices”, *IES Working Papers 3/2010, Institute of Economic Studies, Faculty of Social Sciences, Charles University in Prague, http://ies.fsv.cuni.cz/sci/publication/show/id/4000/lang/en*

KRIŠTOUFEK, L. 2009. “Classical and modified rescaled range analysis: Sampling properties under heavy tails”, *IES Working Papers 26/2009, Institute of Economic Studies, Faculty of Social Sciences, Charles University in Prague, http://ies.fsv.cuni.cz/sci/publication/show/id/3962/lang/en*

**E2) Národohospodářské práce**

F) Přednášky typu „invited speaker”

KRIŠTOUFEK, L. “Looking for fundamentals in Bitcoin price”, Complexity Science Hub Invited Speech, 2018, Vienna, Austria

KRIŠTOUFEK, L. “Herding, minority game, market clearing and efficient markets in a simple spin model framework”, Workshop on Economic Heterogeneous Interacting Agents 2018, Tokyo, Japan.

KRIŠTOUFEK, L. “From long-range dependence to scale-specific correlations, regressions and power-law coherency: Review, utility and challenges”, Simplicity of Complexity in Economics and Social Systems 2018, Ladek Zdroj, Poland

KRIŠTOUFEK, L. “Herding, minority game, market clearing and efficient markets in a simple spin model framework”, Managing and Modelling of Financial Risks 2018, Ostrava, Czech Republic

KRIŠTOUFEK, L. “Herding, minority game, market clearing and efficient markets in a simple spin model framework”, International Conference on Econophysics 2017, Shanghai, China

KRIŠTOUFEK, L. “Herding, minority game, market clearing and efficient markets in a simple spin model framework”, Workshop of the Econophysics Network 2017, Leicester, UK

KRIŠTOUFEK, L. “Fractal methods for fractional cointegration”, Econophysics Colloquium 2017, Warsaw, Poland

KRIŠTOUFEK, L. “Food, fuels or finances: Which prices matter for biofuels?”, Data Science Challenges 2016, Matera, Italy

KRIŠTOUFEK, L. “Detrended fluctuation analysis as a regression framework: Estimating dependence at different scales”, Econophysics Colloquium 2015, Prague

KRIŠTOUFEK, L. „What are the main drivers of the Bitcoin price? Evidence from wavelet coherence analysis”, Computational Social Science Conference 2014, Warwick Business School, University of Warwick, Coventry, UK.

KRIŠTOUFEK, L. „What are the main drivers of the Bitcoin price? Evidence from wavelet coherence analysis”, International Conference on Econophysics 2014, East China University of Science and Technology, Shanghai, China.

KRIŠTOUFEK, L. „Non-stationary volatility with highly anti-persistent increments”, Econophysics and New Economics Conference 2012, Hyperion University, Bukurešť, Romania.

1. Habilitační práce

KRIŠTOUFEK, L., 2015 „Interdisciplinary contributions to energy economics and finance”, habilitační práce, Institut ekonomických studií, Fakulta sociálních věd UK, 224 s.

1. Disertační, rigorózní práce

KRIŠTOUFEK, L., 2013, „Long-range cross-correlations: Tests, estimators and applications”*,* dizertační práce, Institut ekonomických studií, Fakulta sociálních věd UK, 225 s.

KRIŠTOUFEK, L., 2009. „*Fractality of stock markets: A comparative study*”, rigorózní práce, Institut ekonomických studií, Fakulta sociálních věd UK, 126 s.

1. Účast na řešení grantů

PRIMUS/19/HUM/17: Behavioral finance and macroeconomics: New insights for the mainstream (2019-2021). Hlavní řešitel.

GAČR 17-12386Y: Multifractal analysis in finance: Extreme events, portfolio and risk management, and market complexity (2017-2019). Hlavní řešitel.

FP7 EU 612955.SSH-2013.1.3-2: FinMaP Financial Distortions and Macroeconomic Performance: Expectations, Constraints and Interaction of Agents (2014-2016). Člen týmu.

GAČR 14-11402P: Bivariate long memory analysis of financial time series (2014-2016). Hlavní řešitel.

Research Councils UK EP/K039830/1: Big Data, Innovations and New Business Models (2013-2015). Člen týmu.

GAČR P402/12/G097 (Excellence): DYME Dynamic Models in Economics (2012-2018). Člen týmu.

GAČR P402/11/0948: Developing Analytical Framework for Energy Security (2011-2015). Člen týmu.

GAČR 402/09/0965: New approaches for monitoring and prediction on capital markets (2009-2013). Člen týmu.

GAČR 402/09/H045: Nonlinear dynamics in monetary and financial economics. Theory and empirical models (2009-2011). Člen týmu.

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