

Accepted Manuscript

Multifractal correlations in natural language written texts: Effects of language family and long word statistics

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PII: S0378-4371(16)30833-0

DOI: <http://dx.doi.org/10.1016/j.physa.2016.11.028>

Reference: PHYSA 17684

To appear in: *Physica A*

Received date: 23 February 2016

Revised date: 17 August 2016

Please cite this article as: M. Chatzigeorgiou, V. Constantoudis, F. Diakonos, K. Karamanos, C. Papadimitriou, M. Kalimeri, H. Papageorgiou, Multifractal correlations in natural language written texts: Effects of language family and long word statistics, *Physica A* (2016), <http://dx.doi.org/10.1016/j.physa.2016.11.028>

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Highlights:

- Word-length series from large corpora of ten European languages are analysed.
- We find multifractality with spectra classified according to language family.
- Small contribution of long-range correlations to multifractality is detected.
- A crossover from clustering to anti-clustering of long content words is observed.
- The crossover explains the footprint of long-range correlations on multifractality.

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