Accepted Manuscript

Modelling international trade data with the Tweedie distribution for anti-fraud and policy support

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PII: \$0377-2217(15)00798-5 DOI: 10.1016/j.ejor.2015.08.042

Reference: EOR 13193

To appear in: European Journal of Operational Research

Received date: 18 February 2015 Revised date: 22 July 2015 Accepted date: 30 August 2015



Please cite this article as: Lucio Barabesi, Andrea Cerasa, Domenico Perrotta, Andrea Cerioli, Modelling international trade data with the Tweedie distribution for anti-fraud and policy support, *European Journal of Operational Research* (2015), doi: 10.1016/j.ejor.2015.08.042

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Highlights

- We adapt the Tweedie distribution for modelling economic transactions
- We address statistical and computational issues in parameter estimation
- We develop an efficient exact algorithm for random variate generation.
- We empirically show the potential of the Tweedie model for anti-fraud analysis.

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