

Accepted Manuscript

Income inequality in Romania: the exponential-Pareto distribution

Bogdan Oancea, Tudorel Andrei, Dan Pirjol

PII: S0378-4371(16)30898-6

DOI: <http://dx.doi.org/10.1016/j.physa.2016.11.094>

Reference: PHYSA 17750

To appear in: *Physica A*

Received date: 1 July 2016

Revised date: 12 November 2016

Please cite this article as: B. Oancea, T. Andrei, D. Pirjol, Income inequality in Romania: the exponential-Pareto distribution, *Physica A* (2016), <http://dx.doi.org/10.1016/j.physa.2016.11.094>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



- 1) A detailed description of the income distribution in Romania in 2013 is presented, using a complete data set of individual personal incomes.
- 2) The applicability of a parametric model, exponential-Pareto model, to describe the income distribution, is tested, and found to give a good qualitative representation for the data.
- 3) The high incomes distribution can be well described by a Pareto distribution with exponent $\alpha=2.53$. A goodness of fit analysis is presented using a Kolmogorov-Smirnov statistical test, recently proposed by Clauset, Shalizi and Newman.
- 4) A model for income under-reporting is proposed and estimated.

متن کامل مقاله

دریافت فوری ←

ISIArticles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات