

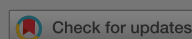
Communications in Statistics - Simulation and Computation >
Volume 45, 2016 - Issue 7429 | 8 | 3
Views CrossRef citations to date Altmetric

Original Articles

Estimating the Parameters of the Generalized Lambda Distribution: Which Method Performs Best?

Canan G. Corlu & Melike Meterelliyoğlu ✉

Pages 2276-2296 | Received 10 Jul 2013, Accepted 14 Feb 2014, Published online: 27 Jan 2015

Cite this article <https://doi.org/10.1080/03610918.2014.901355>

Sample our
Mathematics & Statistics
Journals

>> Sign in here to start your access
to the latest two volumes for 14 days

[Full Article](#) [Figures & data](#) [References](#) [Citations](#) [Metrics](#)
[Reprints & Permissions](#) [Read this article](#)

Abstract

Generalized lambda distribution (GLD) is a flexible distribution that can represent a wide variety of distributional shapes. This property of the GLD has made it very popular in simulation input modeling in recent years, and several fitting methods for estimating the parameters of the GLD have been proposed. Nevertheless, there appears to be a

About Cookies On This Site

We and our partners use cookies to enhance your website experience, learn how our site is used, offer personalised features, measure the effectiveness of our services, and tailor content and ads to your interests while you navigate on the web or interact with us across devices. You can choose to accept all of these cookies or only essential cookies. To learn more or manage your preferences, click "Settings". For further information about the data we collect from you, please see our [Privacy Policy](#).

Accept All

Essential Only

Settings

Keywords: Generalized lambda distribution Genetic algorithm Least-squares
Method of matching percentiles Parameter estimation

Mathematics Subject Classification: Primary 62 Secondary 62H10; 62F10; 62P05; 6207

Related research ⓘ

- People also read
- Recommended articles
- Cited by 8



About Cookies On This Site

We and our partners use cookies to enhance your website experience, learn how our site is used, offer personalised features, measure the effectiveness of our services, and tailor content and ads to your interests while you navigate on the web or interact with us across devices. You can choose to accept all of these cookies or only essential cookies. To learn more or manage your preferences, click “Settings”. For further information about the data we collect from you, please see our [Privacy Policy](#).

- Accept All
- Essential Only
- Settings

Information for

Authors

R&D professionals

Editors

Librarians

Societies

Opportunities

Reprints and e-prints

Advertising solutions

Accelerated publication

Corporate access solutions

Open access

Overview

Open journals

Open Select

Dove Medical Press

F1000Research

Help and information

Help and contact

Newsroom

All journals

Books

Keep up to date

Register to receive personalised research and resources by email



Sign me up



Copyright © 2024 Informa UK Limited Privacy policy Cookies Terms & conditions

Accessibility



Taylor & Francis Group
an informa business

Registered in England & Wales No. 3099067
5 Howick Place | London | SW1P 1WG

About Cookies On This Site

We and our partners use cookies to enhance your website experience, learn how our site is used, offer personalised features, measure the effectiveness of our services, and tailor content and ads to your interests while you navigate on the web or interact with us across devices. You can choose to accept all of these cookies or only essential cookies. To learn more or manage your preferences, click "Settings". For further information about the data we collect from you, please see our [Privacy Policy](#).

Accept All

Essential Only

Settings