Taylor & Francis Online

Log in | Register | Cart

Home ▶ All Journals ▶ The European Journal of Finance ▶ List of Issues ▶ Volume 25, Issue 17
▶ Expected shortfall assessment in commodi ....

Articles

Expected shortfall assessment in commodity (L)ETF portfolios with semi-nonparametric specifications

Esther B. Del Brio, Andrés Mora-Valencia & Javier Perote ✉ [ID]

❝ Cite this article   ⬈ https://doi.org/10.1080/1351847X.2018.1559213   ⊙ Check for updates

📄 Full Article   🖼 Figures & data   📖 References   ❝ Citations   📊 Metrics

🖨 Reprints & Permissions   **Read this article**

ABSTRACT

This paper studies the risk assessment of semi-nonparametric (SNP) distributions for
leveraged exchange trade funds, (L)ETFs. We applied the SNP model with dynamic
conditional correlations (DCC) and EGARCH innovations, and implement recent
techniques to backtest Expected Shortfall (ES) to portfolios formed by bivariate
combina[...]nd Gas)
commod[...]s the
Gaussian[...]

🔍 KEY[...]

🔍 JEL Clas[...]

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

Acknowledgments

Disclosure statement

No potential conflict of interest was reported by the authors.

Notes

1 Another variant is to employ $G2(x)=\exp(x)/(1+\exp(x))$, thus $g2(x)=\log(\exp(x)+1)$, as suggested by Fissler, Ziegel, and Gneiting (2016). We also implement this function as a check on the robustness of the test.

2 The reason to choose these three leveraged ETFs is because they are the largest commodity LETFs by total assets for 2018 according to the ETF Database (ETFdb.com). More details are found in Appendix A.

3 Important events related to (L)ETFs that affected financial markets have occurred in the three analyzed periods. In 2017, A LETF was blamed for highly fluctuations in gold stock prices from Toronto to Sidney. In September 2016 the Bank of Japan hit a record in ETF (tracking the Nikkei 225) purchase (before May 2018) and then diminished its stock purchases. The stock market crash in 24 August 2015 was, in part, caused by ETFs trading. Source: Financial Times and Bloomberg news.

4 Source

5 The ro er
(recursi enient in
econ

Addit

Funding

Related research ⓘ

People also read	Recommended articles	Cited by 11

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

Taylor & Francis Group
an informa business

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