Accepted Manuscript

Estimating Stochastic Discount Factor Models with Hidden Regimes: Applications to Commodity Pricing

Marta Giampietro , Massimo Guidolin , Manuela Pedio

PII: S0377-2217(17)30672-0
DOI: 10.1016/j.ejor.2017.07.045
Reference: EOR 14595

To appear in: *European Journal of Operational Research*

Received date: 30 November 2015
Revised date: 20 December 2016
Accepted date: 13 July 2017

Please cite this article as: Marta Giampietro , Massimo Guidolin , Manuela Pedio , Estimating Stochastic Discount Factor Models with Hidden Regimes: Applications to Commodity Pricing, *European Journal of Operational Research* (2017), doi: 10.1016/j.ejor.2017.07.045

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.

ACCEPTED MANUSCRIPT

Highlights

- We propose novel methodologies to estimate log-linear stochastic discount factors
- Discount factors are generalized to the case in which loadings are regime-switching
- Estimation applies Baum-Welch's expectation-maximization algorithm
- Apply the new methods to the stochastic discount factor that prices commodities
- Commodities may be segmented because priced by commodity-specific factors

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/6895319

Download Persian Version:

https://daneshyari.com/article/6895319

Daneshyari.com