

## Accepted Manuscript

Multi-objective Portfolio Optimization Considering the Dependence Structure of Asset Returns

Sadra Babaei , Mohammad Mehdi Sepehri , Edris Babaei

PII: S0377-2217(15)00045-4  
DOI: [10.1016/j.ejor.2015.01.025](https://doi.org/10.1016/j.ejor.2015.01.025)  
Reference: EOR 12735



To appear in: *European Journal of Operational Research*

Received date: 17 January 2014  
Revised date: 26 April 2014  
Accepted date: 15 January 2015

Please cite this article as: Sadra Babaei , Mohammad Mehdi Sepehri , Edris Babaei , Multi-objective Portfolio Optimization Considering the Dependence Structure of Asset Returns, *European Journal of Operational Research* (2015), doi: [10.1016/j.ejor.2015.01.025](https://doi.org/10.1016/j.ejor.2015.01.025)

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.

**Highlights**

- We investigate the portfolio optimization problem as a bi-objective problem.
- We employ Stable distribution to capture fat tailed property of return series.
- Dependence structure is considered through an appropriate Copula function.
- Two algorithms are designed based on MOPSO to tackle resulted MINLP.
- The numerical studies exemplify the effectiveness of the proposed algorithms.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6896602>

Download Persian Version:

<https://daneshyari.com/article/6896602>

[Daneshyari.com](https://daneshyari.com)