

Accepted Manuscript

The best of two worlds: Forecasting High Frequency Volatility for cryptocurrencies and traditional currencies with Support Vector Regression

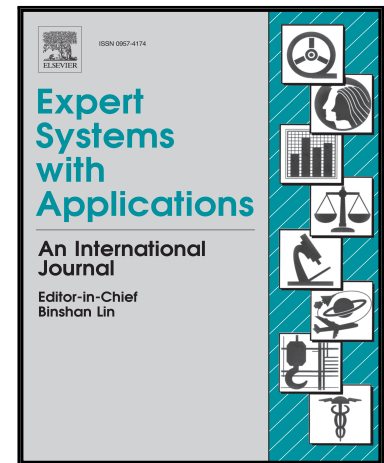
Yaohao Peng, Pedro Henrique Melo Albuquerque,
Jader Martins Camboim de Sá, Ana Julia Akaishi Padula,
Mariana Rosa Montenegro

PII: S0957-4174(17)30816-3
DOI: [10.1016/j.eswa.2017.12.004](https://doi.org/10.1016/j.eswa.2017.12.004)
Reference: ESWA 11705

To appear in: *Expert Systems With Applications*

Received date: 11 September 2017
Revised date: 1 December 2017
Accepted date: 2 December 2017

Please cite this article as: Yaohao Peng, Pedro Henrique Melo Albuquerque, Jader Martins Camboim de Sá, Ana Julia Akaishi Padula, Mariana Rosa Montenegro, The best of two worlds: Forecasting High Frequency Volatility for cryptocurrencies and traditional currencies with Support Vector Regression, *Expert Systems With Applications* (2017), doi: [10.1016/j.eswa.2017.12.004](https://doi.org/10.1016/j.eswa.2017.12.004)



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

- Proposal of novel Machine Learning Method to estimate volatility.
- Study of new market known as cryptocurrency market.
- Comparison between other volatility models.
- Evaluation of the models predictive power using statistical tests.
- Machine Learning model yielded better results for low and high frequencies.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6855198>

Download Persian Version:

<https://daneshyari.com/article/6855198>

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