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Article

# Pricing efficiency of Bitcoin Trusts

Fahad Almudhaf ✉

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## ABSTRACT

This article examines the pricing efficiency of Bitcoin Investment Trust. We investigate the deviation between prices and net asset values and find that there is a significant and persistent premium with an average of 44%. Such evidence points to pricing inefficiency of the currently available trust and encourages practitioners to introduce better instruments such as Exchange Traded Funds as alternatives to investors interested in having exposure to bitcoins and the digital currencies market.

KEYWORDS:

Bitcoin   pricing efficiency   trusts   premium   cryptocurrency

JEL CLASSIFICATION:

G10   G12   G14

## Disclosure statement

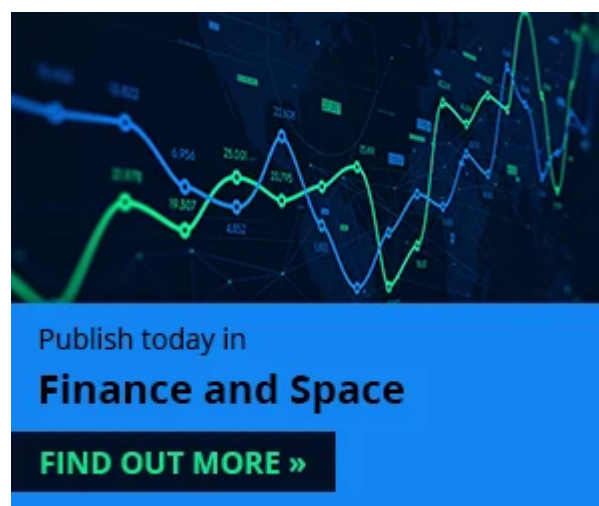
No potential conflict of interest was reported by the author.

## Notes

<sup>1</sup> <http://www.marketwatch.com/story/heres-one-easy-way-to-get-exposure-to-bitcoin-ahead-of-the-winklevoss-etf-2016-08-29>.

<sup>2</sup> <http://grayscale.co/bitcoin-investment-trust/> .

<sup>3</sup> We thank the reviewer for this suggestion. , where  $\alpha$  is the coefficient when using one period leading benchmark values,  $\beta$  is the coefficient using one period lagged benchmark values,  $\gamma$  is the coefficient using contemporaneous benchmark values and  $\rho$  is the first-order autocorrelation coefficient.



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