

## Accepted Manuscript

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Dennis Bams, Gildas Blanchard, Iman Honarvar, Thorsten Lehnert

PII: S0927-5398(17)30062-2

DOI: <http://dx.doi.org/10.1016/j.jempfin.2017.07.003>

Reference: EMPFIN 988

To appear in: *Journal of Empirical Finance*

Received date: 12 September 2016

Revised date: 12 July 2017

Accepted date: 17 July 2017

Please cite this article as: Bams, D., Blanchard, G., Honarvar, I., Lehnert, T., Does oil and gold price uncertainty matter for the stock market?. *Journal of Empirical Finance* (2017), <http://dx.doi.org/10.1016/j.jempfin.2017.07.003>

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# Does Oil and Gold Price Uncertainty Matter for the Stock Market?

Dennis Bams<sup>1,2</sup>, Gildas Blanchard<sup>3</sup>, Iman Honarvar<sup>\*1,2</sup>, and Thorsten Lehnert<sup>4</sup>

<sup>1</sup>Maastricht University

<sup>2</sup>Open University

<sup>3</sup>Deloitte Luxembourg

<sup>4</sup>Luxembourg School of Finance

## Abstract

We proxy uncertainty in the stock, oil and gold markets with the variance risk premia, extracted from futures and option contracts. We observe that an independent increase in the stock, oil or gold markets uncertainty coincides with negative returns in different industries. However, only the stock market uncertainty is a *systematic* priced factor in the entire cross section of stocks' expected returns. The oil price uncertainty is a *sector-specific* factor, and due to the industry segmentation of the market, it is only priced within oil-relevant industries. Gold price uncertainty is an *asset-specific* factor that is neither priced across nor within industries.

## 1 Introduction

Uncertainty cuts investment, reduces the production of consumer durable goods (Bernanke (1983)) and creates temporary drops in employment and aggregate output (Bloom (2009)). Uncertainty originates from different sources. For example, it might arise from uncertainty about future stock returns, uncertainty about future price of energy or inflationary uncertainty. Moreover, different sectors of the economy have different levels of exposure to each source of uncertainty; while uncertainty about the future price of oil is

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\*We are grateful for the invaluable comments by the audience of the French Finance Association Conference (Belgium, 2016), the Italian Economic Association Conference (Italy, 2016), the Australasian Finance and Banking Conference (Australia, 2014), the Conference on Financial Econometrics and Applications (Australia, 2014), the Auckland Finance Meeting (New Zealand, 2014) and the finance seminar at Luxembourg School of Finance (Luxembourg, 2014), Maastricht University (The Netherlands, 2014) and University of Liège (Belgium, 2015). Your precious remarks are very welcomed by the corresponding author at [i.honarvargheysary@maastrichtuniversity.nl](mailto:i.honarvargheysary@maastrichtuniversity.nl) or *Limburg Institute of Financial Economics (LIFE)*, Maastricht University, Post Box 616, 6200 MD Maastricht, The Netherlands.

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