

Time varying pass-through:
Will the yen depreciation help Japan hit the inflation target? ^{*1}

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Abstract

This paper estimates time evolution of the exchange rate pass-through into Japanese domestic prices using the time-varying parameter-volatility VAR method. The Japanese yen has depreciated against the US dollar in recent months, from about 78 JPY/USD in early October 2012 to almost 100 in mid April 2013. Many hope that this would help the Bank of Japan hit the newly announced inflation target of 2%. On the other hand, existing research suggests that the extent of pass-through has declined lately. In this paper, I use an updated data set and the new empirical methodology to find that there has been a notable revival of pass-through in recent years. Thanks to this, a 25% depreciation of the yen is expected to push up the Japanese CPI by almost 1%; not enough to achieve the target, but it is still going to be a non-trivial contribution.

Key words: exchange rate, pass-through, time-varying parameter VAR with stochastic volatility, import prices, domestic prices

JEL classification : F41, E31

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