



THE UNIVERSITY OF
CHICAGO

DEPARTMENT OF STATISTICS

Master's Thesis Presentation

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“Examination on the effectiveness of Time Series Momentum”

April 30, 2024, at 12:30 PM
Jones 111, 5747 S. Ellis Avenue

Abstract

We apply the time series momentum strategy on different assets, including equity, bond, commodities, and currency, and we discover consistent return premia generated by time series momentum, which also significantly outperform the market, value, and cross sectional strategies. In addition, we also dive into the bond asset, and compare its return between different strategies, including value, cross sectional momentum, and carry. We discover that carry exist strong co movement with market, but it has limited exposure to the standard asset pricing factors. Time series momentum has limited correlation with market, but it's highly correlated to the cross sectional momentum.