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tially less tail risk, including in crisis periods. Moreover, they outperform common higher-moment portfolio strategies as well.

Single-family houses portfolio optimization under impact of large investors in housing markets

Wednesday June 12 16h00-16h30

Bilgi Yilmaz

Institute of Applied Mathematics, METU, Ankara

Following the 2008 financial crisis, some large investors, who are purchasing single-family houses, started creating large portfolios consisting of rental single-family houses, and securitizing these investments in capital, showed up in housing markets. This study attempts to explore a portfolio optimization to shed light on the systematic evidence of the effect of this new investor activity in housing markets. To this end, the study aims to optimize the portfolio by offering a stochastic model to

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estimate house prices by considering the influence of large investors and the state of the economy. The results indicate that the investment strategies of these investors depend on the balance among economic state, maintenance, rent income, interest rate, and investment willingness to housing.

Keywords: Portfolio Optimization, Housing market, Large investors, Regime switching processes

