

A Spatial and Temporal Dynamics of Housing Prices in the Tokyo Metropolitan Market

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Abstract

In this paper, we examine the spatial and temporal dynamics of housing price changes in the Tokyo metropolitan market. Using the newly constructed real housing price indices of 20 locations, scattered in this market, for the period from the first quarter of 1986 to the third quarter of 2011, we reveal the characters of this market in terms of the long-run price co-movement as well as short-run adjustment to the equilibrium price.

JEL Code: C21, C23

Keywords: housing prices, spatial dependence, panel data, co-integration

References

- Bai, J., and P. Perron (1998), Estimating and Testing Linear Models with Multiple Structural Changes, *Econometrica* 66, 47-78.
- Shimizu, C, K.G.Nishimura and T.Watanabe(2010), "House Prices in Tokyo - A Comparison of Repeat-sales and Hedonic measures-", *Journal of Economics and Statistics*, 230, pp.792-813.
- Triplett, J. (2004), Handbook on Hedonic Indexes and Quality Adjustments in Price Indexes, OECD Science, Technology and Industry Working Papers 2004/9.