

# Estimating Housing Prices in Denmark

Troels c. Petersen  
University of Copenhagen  
[Email:petersen@nbi.dk](mailto:petersen@nbi.dk)

Christian Michelsen  
University of Copenhagen

Simon Gudiksen  
University of Copenhagen

Anders S. Birch  
Boligsiden

Birgit Deatz  
Boligsiden

Based on about half a million house sales in Denmark 2007-2016, we use advanced machine learning methods to estimate the housing prices. The estimates are based on a multitude of variables (100+), some of which are not always available for all sales, leading to some sparsity in the data. In addition to the price estimate in itself, we have also tried to provide a measure of the estimate uncertainty.