

Themen für studentische Arbeiten:

Leiter der Arbeit: Axhausen

Assistant/in: Sarlas

Titel der Arbeit

Modelling the residential mobility patterns in Zurich

Beschrieb der Arbeit:

Decisions made in the past, concerning the residential location, affect the future ones to some extent. However, actual moves do not always reveal pure residential preferences since they allude preferences about desired locations, given various constraints on residential options (e.g. availability, income, etc.).

While detailed individual data on residential movements has the apparent advantage that can reveal valuable behavioral aspects governing residential location choices (e.g. life cycle and stages events), the acquisition of such data is rather difficult due to a number of reasons (e.g. cost, personal data protection etc.). The purpose of this thesis is to utilize anonymous residential movement data for the city of Zurich and draw conclusions regarding the dynamics of residential location choice and study the impact that emigration and immigration have on rent prices, in the context of hedonic pricing models.

The dataset with the movements is publicly available from the Zürich Stadt for the years 2000-2014, where all the residential movements have been recorded on a quartiere level, having registered information about their origin and destination.

Mindestumfang: 24 KP

Empfohlene Lehrveranstaltungen: Familiarity with the statistical programming language R for data processing, econometrics course(s)

Besonderheiten: