# Annotation of the paper

1. Title:
Quantitative methods used in the valuation of real estate for example R program.

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5. Content (max. 25 lines)

Chartered appraisers, in order to specify the approximate value of the property, may base on specialized statistical data analysis programs. During creating appraisals, depending on the type of property, data from the market and the characteristics of their own, they insist on the choice of a particular method of valuation. An important process is adjustment of the data from the market to valued real estate. Referring to science which is the statistics, commonly known that the way of selection method of the characteristics and the study sample has significant influence on the results. Precise adjustment of these two elements allows to create the most similar value of the property according to the real situation on the market, and also to reflect the actual position.

Based on the tool, the R program, I'd like to present quantitative methods with examples relating to specific real estates, present way of programming the valuation method and present the results. R program is used to process large amounts of data, thereby allowing representation of the correlation between features, demonstrating the strength of their dependence, and also their influence on the dependent variable, which is the price.

6. Key words (3-5 words)

quantitative methods, valuation of real estate