

# STUDIA GEOGRAPHICA 74

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## II

### INTERACTION MODEL: CALIBRATION AND TESTING

The mathematical model application upon the numeric material assumes that a certain model evaluation such as its calibration and testing was realized antecedently. Calibration and testing are thematically-statistic, closely bound procedures which are mainly based upon the parameters estimation of a model and upon the degree of agreement estimate between the data predicted by a model and the real ones. Both procedures are usually connected by effortfulness just as well as by the extent of calculations and therefore are hard to realize without deploying computers.

This paper outlines the calibration and testing of interaction model based upon the data concerning work commuting. Of concern there is the gravity from of interaction model derived by the entropy maximizing principle. We will briefly outline the way of deriving this type of model, though it was already published in our literature (J. Paulov, 1975; J. Paulov – Š. Poláčik, 1979). The gravity hypothesis can be briefly written as follows (A.G. Wilson, 1974, p.67).