

The theoretical part of the thesis deals at first with the mathematical basis of sociomapping. Several sociomapping types are subsequently defined and the main basic principles for the creation and interpretation of sociomaps are described. Sociomapping is also compared to selected sociodiagnostic and statistical methods. Workteam issues are briefly introduced in the next chapter. The subject and areas of workteam sociomapping application are then defined. The final part addresses several aspects of sociomapping and discusses possibilities of measuring its reliability and validity.

The empirical part presents a research on interpretation of sociomaps. Qualitative study shows how sociomaps are interpreted intuitively and which areas of interpretation can be potentially problematic. The quantitative part captures the ability and degree of certainty of sociomap interpretation and determines their dependence on demographic variables. The relationship between the certainty of interpretation and its difficulty is considered as well.