

## **Demographic development in Muslim countries with evaluation of possible influence of Islam**

### **Abstract**

The objective of this study is to analyse and to evaluate the demographic development during the second half of 20th century in chosen Muslim countries. Primarily, processes of mortality and fertility are analysed; describing of processes of nuptiality and divorce are more likely additional. In the first part, chosen muslim countries are divided into groups, and the relationship of Islam and demographic processes is described. In the second part is an analysis focused on describing processes, prediction to the future and on proving possible influence of Islam on mortality and fertility. The analysis supported basic hypothesis that Islam hasn't decisive influence on these processes. Results of analysis are consulted with theoretical background from the first part and then compared with preliminary hypothese in the conclusion.

**Keywords:** Muslim countries, Islam, mortality and fertility, time series, cointegration of time series