

## **Abstract**

The aim of this bachelor thesis was to analyze the choice of transport modes depending on the value of travel time. For the purpose of this work, I limited the choice of travel modes to trains, buses and cars, as these modes of transport contribute to the transport of the population in the Czech Republic the most. This is a topic that can contribute to the optimization of transport at the national level. Through a robust literature search, I obtained data describing the value of travel time and then used it for modelling in the TIMES software. The model optimized people's use of various modes of transport based on their demands and the value of travel time.