

# Report on Bachelor / Master Thesis

Institute of Economic Studies, Faculty of Social Sciences, Charles University

<b>Student:</b>	<b>Bc. Jan Mrkous</b>
<b>Advisor:</b>	<b>Mgr. Lukáš Rečka, Ph.D.</b>
<b>Title of the thesis:</b>	<b>Transition to a low carbon transport system: including time as a decision factor in transport modal choice</b>

## **OVERALL ASSESSMENT** (provided in English, Czech, or Slovak):

### **Contribution**

Jan Mrkous has tenaciously worked out an important theme, that was new for him: including time as a decision factor in transport modal choice. Due to the Covid pandemic and consequent constraints, Jan had less to work on the thesis, than it would have been optimal. Consequently, Jan has used only a Demo model and he was joined it with an aggregated travel sector module from TIMES-CZ model. Nevertheless, his literature review of value of travel time, and value of travel time savings and his findings can be used in further research.

### **Methods**

Jan has learned and understood the basics of energy and transport modelling in TIMES model framework and has incorporated travel time cost to the objective function of the model.

### **Literature**

Jan overviews most of the relevant literature and demonstrates his understanding and command of recent literature. He quotes relevant literature in a proper way.

### **Manuscript form**

The thesis is well written, but could be structured better. The author uses appropriate language and style. The text effectively refers to graphs and tables and disposes with a complete bibliography. However, more time allocated to a proofreading and a fine tuning of the figures would be very beneficial for the thesis.

### **Summary and suggested questions for the discussion during the defense**

Jan has been significantly improved the thesis based on our consultations.

During the defence I would recommend to explain better the differences between the two modelled scenarios. I recommend to interpret the main findings, that the introduction of value of travel time has no profound effect on the result. Does it mean the value of travel time is too low in comparison to other cost in the objective function or the applied transport module is too aggregated?

The results of the Urkund analysis do not indicate significant text similarity with other available sources.

In my view, the thesis fulfills the requirements for a bachelor thesis at IES, Faculty of Social Sciences, Charles University, I recommend it for the defense and suggest a grade D.

# Report on Bachelor / Master Thesis

Institute of Economic Studies, Faculty of Social Sciences, Charles University

Student:	Bc. Jan Mrkous
Advisor:	Mgr. Lukáš Rečka, Ph.D.
Title of the thesis:	Transition to a low carbon transport system: including time as a decision factor in transport modal choice

**SUMMARY OF POINTS AWARDED** (for details, see below):

CATEGORY	POINTS
Contribution (max. 30 points)	15
Methods (max. 30 points)	20
Literature (max. 20 points)	16
Manuscript Form (max. 20 points)	15
<b>TOTAL POINTS</b> (max. 100 points)	<b>66</b>
<b>GRADE</b> (A – B – C – D – E – F)	<b>D</b>

**NAME OF THE REFEREE:** Lukáš Rečka

**DATE OF EVALUATION:** 16.1.2022

Digitálně podepsáno (16.1.2022):  
Lukáš Rečka

---

**Referee Signature**

