

# Report on Bachelor / Master Thesis

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

<b>Student:</b>	<b>Adam Rückl</b>
<b>Advisor:</b>	<b>Barbara Pertold-Gebicka</b>
<b>Title of the thesis:</b>	<b>Car demand modelling in the Czech Republic</b>

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

The Bachelor Thesis written by Adam presents a supply-demand model for the market of personal cars in the Czech Republic and uses it as the baseline for estimating the shape of demand for cars. The major value added of this thesis is the rigorous estimation of the demand curve using the simultaneous equations model, which takes into account the fact that the data used for estimation come from the observed realizations of market equilibrium. This is a novelty in the car demand literature. On top of this, the author improves over another Czech study of this topic by carefully analyzing the data and dealing with changes in tax-law affecting the observed car registrations.

The thesis is written very neatly. The author presents the Czech market for personal cars in a detailed way and explains how a recent change in the tax law has affected the observed registrations. In the theoretical part of the thesis Adam demonstrated his understanding of the simultaneous equations model on the example of the market for cars and explains how to correctly estimate the shape of a single equation in such model. Finally, he uses the data from the Czech Car Importers Association to estimate the demand for cars in the Czech Republic. The data is analyzed carefully and econometric methods are applied correctly. What is missing in the thesis is a comparison with the results of other studies.

Suggested question: How do your results compare to the results of other studies on this topic? Does the use of simultaneous equations change the main conclusions in the literature?

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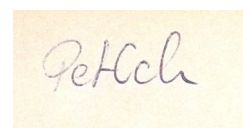
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**SUMMARY OF POINTS AWARDED** (for details, see below):

CATEGORY	POINTS
Literature (max. 20 points)	18
Methods (max. 30 points)	28
Contribution (max. 30 points)	25
Manuscript Form (max. 20 points)	15
<b>TOTAL POINTS</b> (max. 100 points)	<b>86</b>
<b>GRADE</b> (1 – 2 – 3 – 4)	<b>1</b>

**NAME OF THE REFEREE:** Barbara Pertold-Gebicka

**DATE OF EVALUATION:**



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**Referee Signature**

**EXPLANATION OF CATEGORIES AND SCALE:**

**LITERATURE REVIEW:** *The thesis demonstrates author's full understanding and command of recent literature. The author quotes relevant literature in a proper way.*

Strong                  Average                  Weak  
20                          10                          0

**METHODS:** *The tools used are relevant to the research question being investigated, and adequate to the author's level of studies. The thesis topic is comprehensively analyzed.*

Strong                  Average                  Weak  
30                          15                          0

**CONTRIBUTION:** *The author presents original ideas on the topic demonstrating critical thinking and ability to draw conclusions based on the knowledge of relevant theory and empirics. There is a distinct value added of the thesis.*

Strong                  Average                  Weak  
30                          15                          0

**MANUSCRIPT FORM:** *The thesis is well structured. The student uses appropriate language and style, including academic format for graphs and tables. The text effectively refers to graphs and tables and disposes with a complete bibliography.*

Strong                  Average                  Weak  
20                          10                          0

**Overall grading:**

TOTAL POINTS	GRADE		
81 – 100	<b>1</b>	= excellent	= výborně
61 – 80	<b>2</b>	= good	= velmi dobře
41 – 60	<b>3</b>	= satisfactory	= dobře
0 – 40	<b>4</b>	= fail	= nedoporučuji k obhajobě