

# Report on Bachelor Thesis

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

<b>Student:</b>	<b>Vojtěch Bystřický</b>
<b>Advisor:</b>	<b>Doc. PhDr. Ladislav Křišťoufek, Ph.D.</b>
<b>Title of the thesis:</b>	<b>Connection between fuel prices and demand for electric and hybrid cars</b>

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

*Please provide your assessment of each of the following four categories, summary and suggested questions for the discussion. The minimum length of the report is 300 words.*

### **Contribution**

The thesis analyzes the market of hybrid and electric cars and factors driving demand for them. Building on some previous studies, the model focuses on the effect of gasoline prices in the USA and the EU, also including some alternative variables such as density of powering stations which have been suggested as driving factors in the literature. As the market for hybrid and electric cars is still rather young, the results are interesting and useful for general discussion of the topic and how to boost interest and demand in such vehicles.

### **Methods**

Standard time series and panel methods are utilized in the thesis. All appropriate tests are run and discussed. Even though these tests and their presentation are sometimes too much educational, their results are certainly needed to support the results' validity.

Dataset collection has also been an important part of the analysis as there is no "ready-to-use" one.

### **Literature**

The thesis includes a detailed literature review on the topic which is nicely closed by a section on filling the gap in the reviewed research where the author clearly states what new results the thesis delivers.

The document has been checked by Urkund with a total score of 1% with overlays practically just in the reference list.

### **Manuscript form**

The "graphical" part of the thesis could certainly be better. As for the thesis structure, it is of a good quality and the thesis reads well. There are no systematic problems with grammar or typos.

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

Overall, this is a nice thesis that might be worth further exploration for a possible publication in an energy or environmental journal. Even though the text might seem a bit pedantic at times, it easily meets all the necessary criteria for a successful defense.

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

<b>CATEGORY</b>	<b>POINTS</b>
<i>Contribution</i> (max. 30 points)	25
<i>Methods</i> (max. 30 points)	25
<i>Literature</i> (max. 20 points)	20
<i>Manuscript Form</i> (max. 20 points)	16
<b>TOTAL POINTS</b> (max. 100 points)	<b>86</b>
<b>GRADE</b> (A – B – C – D – E – F)	<b>B</b>

**NAME OF THE REFEREE:**

*doc. PhDr. Ladislav Krištofuk, Ph.D.*

**DATE OF EVALUATION: 29. 5. 2020**

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**Referee Signature**