

# Report on Bachelor / Master Thesis

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

<b>Student:</b>	<b>Jakub Cejchan</b>
<b>Advisor:</b>	<b>Vilem Semerak</b>
<b>Title of the thesis:</b>	<b>Potential impacts of increasing Chinese dominance in the electric vehicle industry</b>

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

## Short summary

This thesis investigates the potential impacts (output and labor) of the Chinese electric vehicle industry taking over the EU's own industry by fully replacing it. This thesis employs input-output methods particularly based on hypothetical extraction.

## Contribution

Although there doesn't seem to be any methodological contributions, the thesis is very well written, and clearly shows and explains the real-world relevance of the research question. The thesis contributes to an as-of-now not so investigated topic, by focusing its attention not on vehicle efficiency or environmental issues, but on the Chinese's electric vehicle industry's potential effects on the security of the EU's automobile industry. Furthermore, the use of the global hypothetical extraction method instead of the standard version shows a proper understanding of the subtleties of his research question.

## Methods

The thesis adopts an input-output framework. In particular, the author employs a modified version of the hypothetical extraction method used to identify critical sectors by simulating a complete „extraction“ of the sector from the economy. The modified method employed in this study is the „Global Extraction Method“ in which the extracted industry is replaced by a sector or multiple sectors already present in a system, dealing with the implicit assumption in the standard hypothetical extraction method where the extracted sector is replaced by an „outside the system“ subject.

## Literature

The literature review conducted in this thesis seems to be very well done. The author presented a very clear exposition of the stakes and the present state of the market for EVs. Perhaps one thing I would have liked to read more about is the role of consumer's preferences in the adoption of EVs, and the origin of said vehicles. A discussion on the potential drawbacks for EVs penetration in the overall vehicle market and the importance of charging stations and grid expansion would have been, I think, a nice addition, but it is understandable that these points were not included, as they are not the main focus point of the research question.

## Manuscript form

No problems here. I particularly appreciate the effort of writing a clean exposition of the methods used in math mode and an algebraic representation as it significantly facilitated the comprehension of the author's methodological steps. There are a few sentences that seem not to suffer from grammatical mistakes, but they are few and in no significant way do they impact the reader's comprehension of the text.

# Report on Bachelor / Master Thesis

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

<b>Student:</b>	<b>Jakub Cejchan</b>
<b>Advisor:</b>	<b>Vilem Semerak</b>
<b>Title of the thesis:</b>	<b>Potential impacts of increasing Chinese dominance in the electric vehicle industry</b>

## Overall evaluation and suggested questions for the discussion during the defense

Overall, I would say it is an intriguing, well written thesis, with an interesting methodological approach. Furthermore, the author is well aware of the limitations of his choice of method, and discusses them openly and in sufficient detail, showing that the author understands well the method and properly interprets the results.

The results of the Turnitin 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 of 92 (A).

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

<b>CATEGORY</b>	<b>POINTS</b>
<i>Contribution (max. 30 points)</i>	25
<i>Methods (max. 30 points)</i>	30
<i>Literature (max. 20 points)</i>	18
<i>Manuscript Form (max. 20 points)</i>	19
<b>TOTAL POINTS (max. 100 points)</b>	<b>92</b>
<b>GRADE (A – B – C – D – E – F)</b>	<b>A</b>

**NAME OF THE REFEREE:**

**DATE OF EVALUATION:**

Digitally Signed (28.5.2024):

Iñaki Veruete Villegas

---

**Referee Signature**

**EXPLANATION OF CATEGORIES AND SCALE:**

**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.*

**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.*

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

**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.*

**Overall grading:**

TOTAL	GRADE
91 – 100	A
81 - 90	B
71 - 80	C
61 – 70	D
51 – 60	E
0 – 50	F