

# Assessment of Master Thesis – Academic Consultant



Study programme: **Quantitative Methods in Economics**

Field of study: **Official Statistics**

Academic year: **2018/2019**

Master Thesis Topic: **Evaluation of the accuracy of the population forecasts in the Czech Republic**

Author's name: **Bc. Polina Bezushchenko**

Ac. Consultant's Name: **Ing. Petr Mazouch, Ph.D.**

Opponent: **RNDr. Tomáš Fiala, CSc.**

	Criterion	Mark (1–4)
1.	Comprehensibility of the Master's Thesis topic and objectives	1
2.	Fulfilment of defined objectives	1
3.	Logical structure and cohesion of each parts	1
4.	Extent and relevance of description of the current level of knowledge	1
5.	Adequacy of methods in respect of the topic (selections of the methods and their application)	1
6.	Extent, quality and precisism of description of the thesis's results	2
7.	Relevance and correctness of discussion of the thesis's results	1
8.	Correctness and relevance of information sources	1
9.	Grammar, stylistic style, terminology and overall formal and graphic level of the Master's thesis	1
10.	Student's independence during the process of composing the Master thesis	1

## Comments and Questions:

The Final Thesis develops project form internship at the Czech Statistical Office at the department of Demography. Author worked with detailed structure of source data for official projections of CZSO and for comparison some other projections were taken (projections for the Czech Republic by international organizations or university research). From the perspective of supervisor of the Thesis I have to say that the topic is attractive and as nowadays new projections are prepared and evaluation of the past results could help to understand where any under or over estimation of parameters were done. Author demonstrated that she is able to work individually, she is able to work with larger data sources and with new methodology and research sources. From methodology perspective she compared accuracy of different projections not only in the total number of population but also in more detailed structure and some other indicators (Life expectancy, etc.). She developed internship project and extended the topic in many aspects. The main goal was fulfilled and i recommend the Thesis to defense.

I would like to ask for next two questions: 1. What would you recommend for next (future) projection as the main part (variable) the authors should be careful about? 2. Where in statistics we can apply similar measures of accuracy?

**Conclusion: The Master Thesis is recommended for the defence.**

Suggested Grade:     **1**

Date: 30/05/2019

**Ing. Petr Mazouch, Ph.D.**

Academic Consultant