

Report on Bachelor / Master Thesis

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

Student:	Kateřina Červenková
Advisor:	PhDr. Lenka Šťastná, Ph.D.
Title of the thesis:	Efficiency Analysis of Grammar Schools in the Czech Republic

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

In the bachelor thesis, the author carries out an original efficiency analysis of grammar schools in the Czech Republic. The efficiency is evaluated through standard Data envelopment analysis (DEA) while the current data from the standardized final school-leaving examination is used. The thesis is very valuable as it contributes to the current research on efficiency of schools in the Czech Republic when new and more appropriate data is used. Results of the analysis may be with some caution used for some policy recommendation and they can be possibly published in an economic journal.

The author performs the analysis in two steps; in the first step, she computes efficiency scores using DEA, in the second step, she runs a Tobit regression to find relevant determinants of efficiency. The 2-stage analysis has its shortcomings and there are more rigorous methods how to find determinants of efficiency. There are also some methods how to check for potential outliers which may distort the frontier, not done in the thesis. Nevertheless, this 2-stage approach can be often found in the literature and is perceived as being standard and relevant.

In the first step, it is crucial to choose suitable inputs and outputs of the educational process. The author had to work hard to gather all the data necessary for the analysis as they are not all publicly available, but she did a great job. The average relative efficiency accounts to 92% which is imaginable and feasible and gives an evidence of appropriate set of inputs and outputs.

Generally, the bachelor thesis is of a high quality and even surpasses all the requirements put on Bachelor thesis. I recommend "výborně" (excellent, 1) and I think the thesis should be considered for the distinction from the Dean of the Faculty of Social Sciences for an extraordinarily good bachelor thesis.

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

CATEGORY	POINTS
Literature (max. 20 points)	20
Methods (max. 30 points)	29
Contribution (max. 30 points)	30
Manuscript Form (max. 20 points)	20
TOTAL POINTS (max. 100 points)	99
GRADE (1 – 2 – 3 – 4)	1

NAME OF THE REFEREE: PhDr. LENKA ŠŤASTNÁ, Ph.D.

DATE OF EVALUATION:

Referee Signature