

# Report on Bachelor / Master Thesis

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

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<b>Advisor:</b>	Henrieta Tulejová
<b>Title of the thesis:</b>	<b>Quality and performance assessment of healthcare providers in Slovakia on the basis of administrative data</b>

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

The work focuses on the issue of correct performance and quality measurement of health care providers which is necessary for several reasons: 1. To enable competition between health care providers under selective contracting conditions, 2. To minimize the information asymmetry and provide correct information to patients, information to be used for choosing providers of health services, 3. To provide feedback to providers motivating them to improve the quality of their services.

The work is innovative in local circumstances because the performance measurement currently used in Slovakia does not perform any risk-adjustment and thus, there is some critique about its reliability and correctness.

The work stems from thorough literature review focused both on the international experiences with performance measurement, its impact on patients' choices and providers behaviour as well as on the different methods of risk adjustment.

Student elaborates in detail how she developed her risk adjustment model, how she coped with the problem of very limited data (as there are no procedure codes in place for inpatient health services put in place in Slovakia which makes comparison of hospital production quite complicated).

The work is innovative. It localized international risk adjustment models to Slovak circumstances and it is trying to find optimal model both in terms of different outcome indicators as well as in terms of risk adjustment factors.

It could be only recommended to the student to improve formatting of the graphs and tables, e.g. replace labeling from the software output with full names so that it improves understanding for a reader.

Suggested question for the defense is:

- What kind of data would be needed for further improvement of the risk adjustment model?
- What are other uses of such risk adjustment models, e.g. by a health insurance company?

In the case of successful defense, I recommend “**vyborne**” (very good, 1).

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

<b>CATEGORY</b>	<b>POINTS</b>
<i>Literature</i> (max. 20 points)	20
<i>Methods</i> (max. 30 points)	28
<i>Contribution</i> (max. 30 points)	28
<i>Manuscript Form</i> (max. 20 points)	15
<b>TOTAL POINTS</b> (max. 100 points)	<b>91</b>
<b>GRADE</b> (1 – 2 – 3 – 4)	<b>1</b>

**NAME OF THE REFEREE:** Henrieta Tulejova

**DATE OF EVALUATION:** 19.1.2013

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**Referee Signature**

