

SUPERVISOR'S REVIEW OF MASTER'S THESIS

Name of student: Aydin Halil

Thesis title: Analysis of Time Series Data Available in Official Statistics

Supervisor : Hana Skalska

Thesis objective: Study and analyse selected indicators available in public statistical data collected in time series. Stress attention to comparability of indicators and to the possibility to interpret findings based on data from official statistics.

Criteria required for evaluation	Evaluation scale (grade)					
	A	B	C	D	E	F
Content relevant to the field of study	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Setting and meeting objectives	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Treating theoretical aspects of the topic	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Treating practical aspects of the topic	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adequacy of applied methods and their use	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Depth and accuracy of implemented analysis	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dealing with literature sources	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Logical structure and composition of the thesis	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Language and terminology	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Formal layout	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Student's contribution	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Practical applicability of results	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments and recommendations:

Student cooperates very well and mostly follows my frequent and critical recommendations, so the thesis presents his interest in the topic.

Formal recommendations:

Labels on the vertical axis (Figures 22, 23, and 24) should be reduced by changes in units.

Some remarks related to the grammar are indicated in the printed version.

Overall assessment and reasons for the final grade:

I appreciate student's interest in possibilities of data available in official statistics and his suggestions how to present them and compare between two countries. The review of the literature specifies the most important worldwide resources and international systems collecting data. It characterises steps of data analysis and visualisation. The theory describes index numbers and components of time series and applies these findings to the practice and decision support in management and economy.

Application of data analysis parts introduce and support the explanation of reasons why data collected about specific process in time are necessary. The next part (chapters 4 and 5) present

examples of analysis, data visualisation, and comparison between two countries and mention some pitfalls.

Moreover, as a particular result, the thesis detects and describes some changes in selected economic data and tries to explain the changes.

Questions for oral defence:

Fill in the questions for oral defence

I recommend the thesis for oral defence.

Suggested final grade: B

Hradec Králové, 22/05/2018

signature