FACULTY OF SOCIAL SCIENCES
Charles University

Report on the part of the final state examination
Record of the thesis defence

Academic year: 2023/2024

Student's name and surname:	Bc. Jan Provazník
Student's ID:	71563826
Type of the study programme:	Master's (post-Bachelor)
Study programme:	Economics
Branch of study:	Economics and Finance
Study ID:	623286
Title of the thesis:	Consistency of S-weighted estimators in panel data models
Thesis department:	Institute of Economic Studies (23-IES)
Language of the thesis:	English
Language of defence:	English
Advisor:	RNDr. Michal Červinka, Ph.D.
Reviewer(s):	Mgr. Luboš Hanus, Ph.D.
Date of defence:	18.09.2024 **Venue of defence:** Praha
Attempt:	regular

Course of the examination:

The student started the presentation by explaining the mismatch between the title and the actual focus of the thesis, specifically the issue of discussion of panel data.

The research question and motivation were explained clearly. Then Mr Provaznik provided an overview of three robust estimators (LWS, S-estimator, S-weighted estimator) and their brief comparison with the traditional OLS and explained what he sees as his main contribution (comparison of the performance of the estimators on artificial datasets with predetermined contaminations). Subsequently, Mr Provaznik was asked to respond to the criticism from the reports (the title, different focus) as well as by the members of the exam board (possible tests of other robust estimators, interpretation of the results - esp. the actual advantages of S-weighted estimators, reliance on codes provided by prof. Víšek). The provided answers were evaluated as adequate.

Result of defence:	very good (D)

Chair of the board:	Geršl Adam, doc. PhDr., Ph.D. (present)	....
Committee members:	Havránek Tomáš, prof. PhDr., Ph.D. (present)	....
	Holub Tomáš, doc. Mgr., Ph.D. (present)	....
	Semerák Vilém, Ing., M.A., Ph.D. (present)	....