



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

Academic year: 2023/2024

Student's name and surname: Bc. Josef Štefl
Student's ID: 71688324

Type of the study programme: Master's (post-Bachelor)
Study programme: Economics and Finance with specialisation in Banking and Corporate Finance

Study ID: 752730

Title of the thesis: High Frequency Price Index of Construction Materials: Nowcasting of Producers Prices
Thesis department: Institute of Economic Studies (23-IES)
Language of the thesis: English
Language of defence: English
Advisor: Mgr. Petr Polák, M.Sc., Ph.D.
Reviewer(s): RNDr. Michal Červinka, Ph.D.
Date of defence: 18.09.2024 **Venue of defence:** Praha
Attempt: regular

Course of the examination: The thesis presentation was logically structured and provided a very good overview of the topic of the thesis, the methodology, and the results presented in the thesis.
Mr Štefl described the construction of the CMPI and elucidated the huge volume of data on which the concept is built. He then explained the ARIMAX model and the statistical issues related to the analyzed data (methodological changes, structural breaks). The presentation was very well prepared and even included newer data (and predictions). The discussion then turned to the opponent's questions and criticism. The student also explained why VAR results were not preferred for his analysis and dealt convincingly with additional comments and questions on the issues related to the web-scraping and the presence of additional structural breaks.

Result of defence:	excellent (A)	
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)