



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

Academic year: 2022/2023

**Student's name and surname:** Su Hazal Baylan  
**Student's ID:** 22296119

**Type of the study programme:** Master's (post-Bachelor)  
**Study programme:** Economics  
**Branch of study:** Master in Economics and Finance  
**Study ID:** 680301

**Title of the thesis:** Nowcasting the Real GDP Growth of the European Economies based on Machine Learning  
**Thesis department:** Institute of Economic Studies (23-IES)  
**Language of the thesis:** English  
**Language of defence:** English  
**Advisor:** prof. Ing. Evžen Kočenda, M.A., Ph.D., DSc.  
**Reviewer(s):** doc. PhDr. Jozef Baruník, Ph.D.  
**Date of defence:** 21.09.2023    **Venue of defence:** Praha  
**Attempt:** regular

**Course of defence:** The student presented her thesis focusing on nowcasting real GDP growth of the European economies using dynamic factor model and machine learning approach. She started by emphasizing the motivation and the contribution of the thesis, continued with the description of the used data and methodology. Then the student turned her attention to describing her results. After the presentation, the referee reports were summarized and the student was asked to respond to the questions raised in the opponent's report. The committee members then discussed with the student a wide range of topics connected to the topic of her thesis. The committee was very satisfied with the way the student responded and demonstrated that she is well versed in the topic. Based on the very good performance during the defense, the committee decided to give her the grade A.

**Result of defence:** excellent (A)

**Chair of the board:** doc. PhDr. Adam Geršl, Ph.D. (present) .....

**Committee members:** prof. Roman Horváth, Ph.D. (present) .....  
PhDr. Jiří Schwarz, Ph.D. (present) .....  
PhDr. Jaromír Baxa, Ph.D. (present) .....