



FAKULTA  
SOCIÁLNÍCH VĚD  
Univerzita Karlova

## Záznam o průběhu obhajoby disertační práce

Akademický rok: 2023/2024

**Jméno a příjmení studenta:** Mgr. Bc. Vít Macháček  
**Identifikační číslo studenta:** 65427733

**Typ studijního programu:** doktorský  
**Studijní program:** Ekonomie a finance  
**ID studia:** 557338

**Název práce:** Chapters in cross-country analysis of science  
**Pracoviště práce:** Institut ekonomických studií (23-IES)  
**Jazyk práce:** angličtina  
**Jazyk obhajoby:** čeština  
**Školitel:** Ing. Martin Srholec, Ph.D.  
**Datum obhajoby:** 25.10.2023    **Místo obhajoby:** Praha  
**Termín:** řádný

**Průběh obhajoby:** The Defense Committee Chair welcomed present committee members and all participants that joined the defense. The Defense Committee Chair initiated the defense by verbal statements confirming (i) that a satisfactory number of Defense Committee Members were present, (ii) that the student fulfilled all the requirements as listed in the Study and Examination Code of Charles University.

The Defense Committee Chair introduced all committee members and asked Vít Macháček to present his dissertation thesis. Vít Macháček shortly described the main findings of the dissertation. Afterwards, Vít Macháček focused on the 2-nd chapter called "Researchers' institutional mobility: bibliometric evidence on academic inbreeding and internationalization" in more detail. After reading the referees' (appointed by the Graduation Council) comments, an open discussion followed. During the discussion, Vít Macháček satisfactorily answered all the questions from the audience. During the Defense Committee voting, Vít Macháček left the room, the audience left the online room, and then committee members voted.

Question: How does Vitek define academic inbreeding? There might be some issues regarding that (e.g. selection bias). Has he tried running sensitivity analysis excluding the US?  
Answer: Vitek did not do that. It might be an interesting idea but Vitek does not think it would affect the results.  
The committee members were satisfied with the answer.

Question: There is a lot of evidence that academic inbreeding is not good. For example, in the Czech Republic, we do not have many courses.

Answer: From his experience, the relationship between the student and the supervisor is key (not really the amount of courses we take). The dependence on the supervisor might decrease over time, but still, it is important.

The committee members were satisfied with the answer.

Question: In the US, there is a high mobility for work (less ties with family). Is it possible to include social variables? In the CZ, we have stronger ties with family (people not wanting to move from their hometown).

Answer: It is not possible to include the strength of social ties. For that, they would need a detailed questionnaire, which is possible, but was not part of his thesis. There is some research on that.

The committee members were satisfied with the answer.

Question: Setting of the legal system - the results might depend on whether it is imposed or not by law (e.g. Germany).

Answer: Sometimes, the distance does not have to be huge. There might be a new policy in Poland not to hire "inbreds".

The committee members were satisfied with the answer.

Question: Has Vitek considered that some people are staying in the country (or at the same university) because of VISA?

Answer: They do not have data on that.

The committee members were satisfied with the answer.

Question: Is there any information whether the university is private or public?

Answer: There are some data in the database but probably not in that specific dataset.

The committee members were satisfied with the answer.

**Výsledek obhajoby:**

prospěl/a (P)

**Předseda komise:**

doc. PhDr. Jozef Baruník, Ph.D. (přítomen) .....

**Členové komise:**

PhDr. Jaromír Baxa, Ph.D. ....

doc. Ing. Tomáš Cahlík, CSc. (přítomen) .....

RNDr. Michal Červinka, Ph.D. (přítomen) .....

doc. Ing. Daniel Münich, Ph.D. (přítomen) .....

Vincent Lariviere, Ph.D. ....

Theo van Leeuwen, Ph.D. ....