

UNIVERZITA KARLOVA

Fakulta sociálních věd

Zápis o části státní závěrečné zkoušky Záznam o průběhu obhajoby

Akademický rok: 2017/2018

Jméno a příjmení studenta: Bc. Vojtěch Čermák
Datum narození: 22.06.1992
Identifikační číslo studenta: 87318793

Typ studijního programu: navazující magisterský
Studijní program: Ekonomické teorie
Studijní obor: Ekonomie a finance
Specializace: Finance, finanční trhy a bankovníctví
Identifikační číslo studia: 480726

Název práce: Analysis of stock market sentiment with social media
Pracoviště práce: Institut ekonomických studií
Jazyk práce: angličtina
Jazyk obhajoby: čeština
Vedoucí: doc. PhDr. Jozef Baruník, Ph.D.
Oponent(i): PhDr. Pavel Vacek, Ph.D.

Datum obhajoby : 20.06.2018 **Místo obhajoby :** Praha

Průběh obhajoby: The student presented key results of his thesis. His presentation mostly addressed the technical part of the thesis, limited time was spent in discussing the results and the takeaways. The student was not able to explain how his thesis captures the key concept of the “stock market sentiment” and he admitted that the title of his work is misleading. Even though the author claims in the thesis that his ambition is to predict stock market sentiment, the thesis analyzes a contemporaneous relationship. The author admitted that to refer to the absolute value of one-day price change as “volatility” is problematic. The author did not explain the link between this variable and market sentiment. The author failed to explain the meaning of the concept of “endogeneity” and to discuss the implications of his thesis. The author was not able to discuss generalizability of his findings and he expressed his opinion that data mining is a legitimate method of obtaining the results. He explicitly claimed that in his setting there is no need to a priori assess the semantic meaning of the tweets he analyzes. At the presentation the author proposed that there was no need to assess statistical significance of the reported results. Overall, the presentation did not settle most of the concerns the committee members had about the thesis. As a result, the committee decided to grade the thesis lower than suggested by both the supervisor and the opponent.

Výsledek obhajoby: velmi dobře

Předseda komise: prof. Ing. Michal Mejstřík, CSc. (přítomen)

Členové komise: Jiří Novák, M.Sc., Ph.D. (přítomen)

Ing. Vilém Semerák, M.A., Ph.D. (přítomen)

doc. PhDr. Petr Teplý, Ph.D. (přítomen)