

COST Action IC1205 on Computational Social Choice: STMS Report

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Host: Laszlo Koczy

Host institution: Institute of Economics, Hungarian Academy of Sciences

Host country: Hungary

Dates: 20/05/2014 to 29/05/2014

Together with Laszlo we pushed our agenda on furthering the understanding of ranking methods. We now established a clear roadmap for the results that we aim to obtain and we started working on actually obtaining these results.

Our efforts are both theoretical and empirical.

On the theoretical side, we considered a number of properties that were proposed for ranking methods and we are now in the process of adapting some of these properties, and devising new ones, in order to characterize the modified invariant method in Koczy and Nichifor (2013).

On the empirical side, we identified the data set that we will need and we explored various possibilities to acquire this data. Furthermore, we also identified the type of results that we could obtain using the data, and how we can use these results in conjunction with our theoretical results.

During my visit at the HAS, I also gave a talk for the Economics group. My talk was well received and I had the opportunity to meet for the first time a number of excellent researchers who are interested in the same type of research questions as I am.

I also gave another talk in the NEXT – Workshop on Networks and Externalities, which happened to be overlapping with two days during my visit. Again, my talk was well received, and apart from the talk itself, it was also excellent to meet the participants at this meeting.

Overall, Laszlo and I we made very good progress on our project. For me, there was also the additional benefit of meeting a number of excellent researchers at HAS and at NEXT, and it was great to be able to present and discuss my results and to hear and discuss theirs.

Confirmation: On behalf of the host institution, Laszlo Koczy confirms that the STSM was successfully executed. For further queries please contact him at koczy@krtk.mta.hu