Peer Review as a Quality Management Tool

Embedded in an Inquiry-based Learning Scenario

- 1. Background
- Learning Setting
- 3. Research Design
- 4. Results and Discussion





Linz

Magdeburg

Stendal









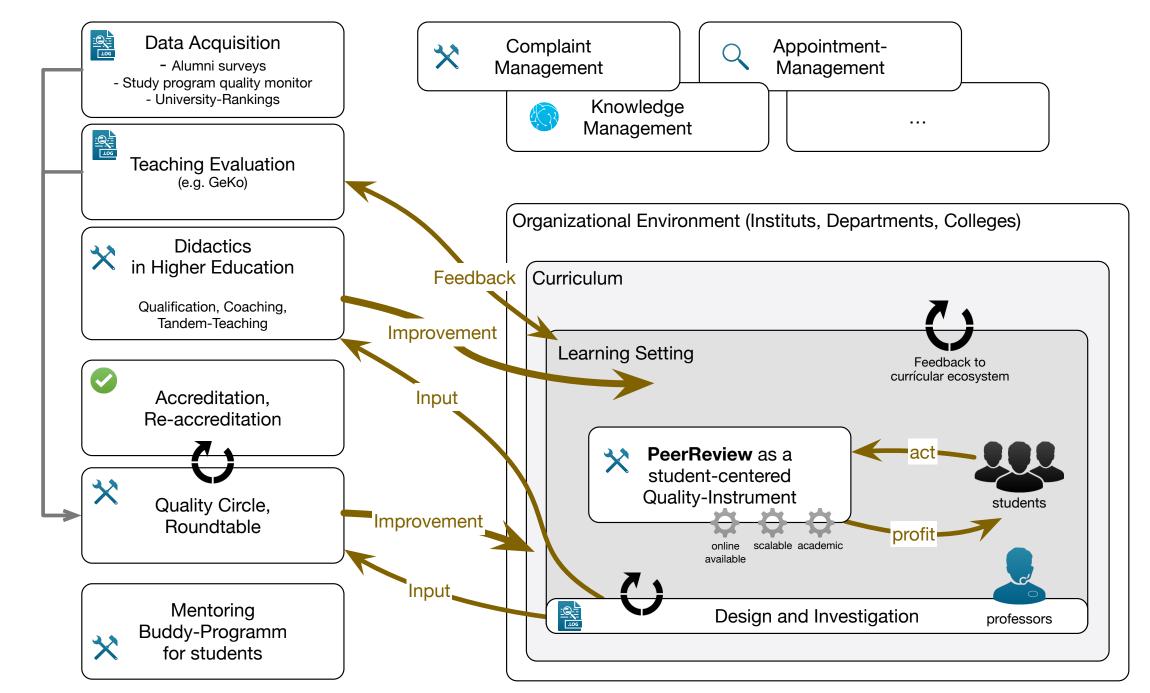












Scientific Paper Writing course

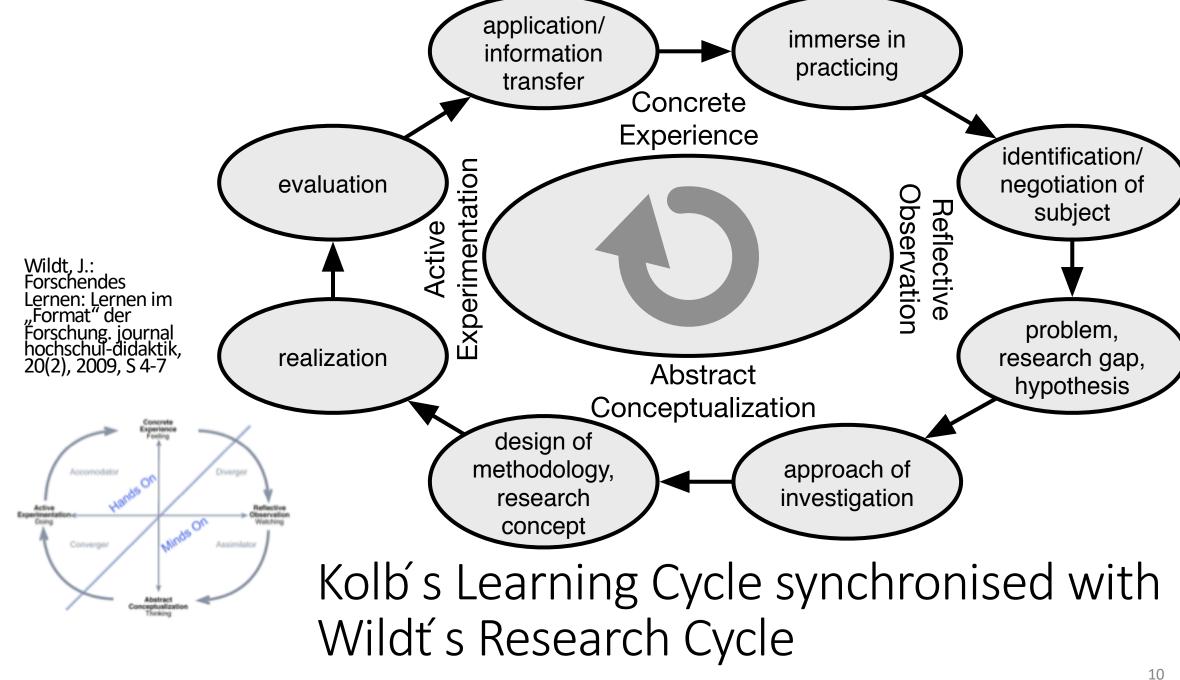
4 courses & 3 Master programs:



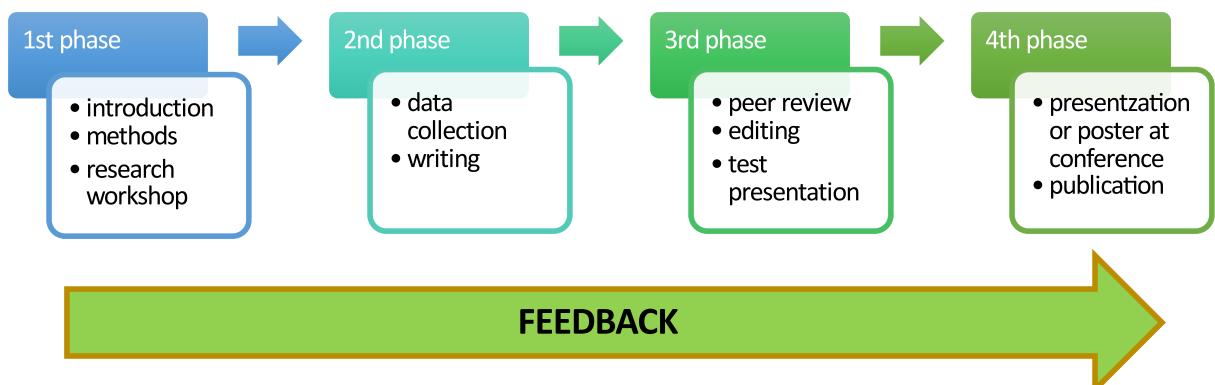
Designed for professionals, high technical affinity, media competency

- 13 interuniversity learning groups
- Special incentive:

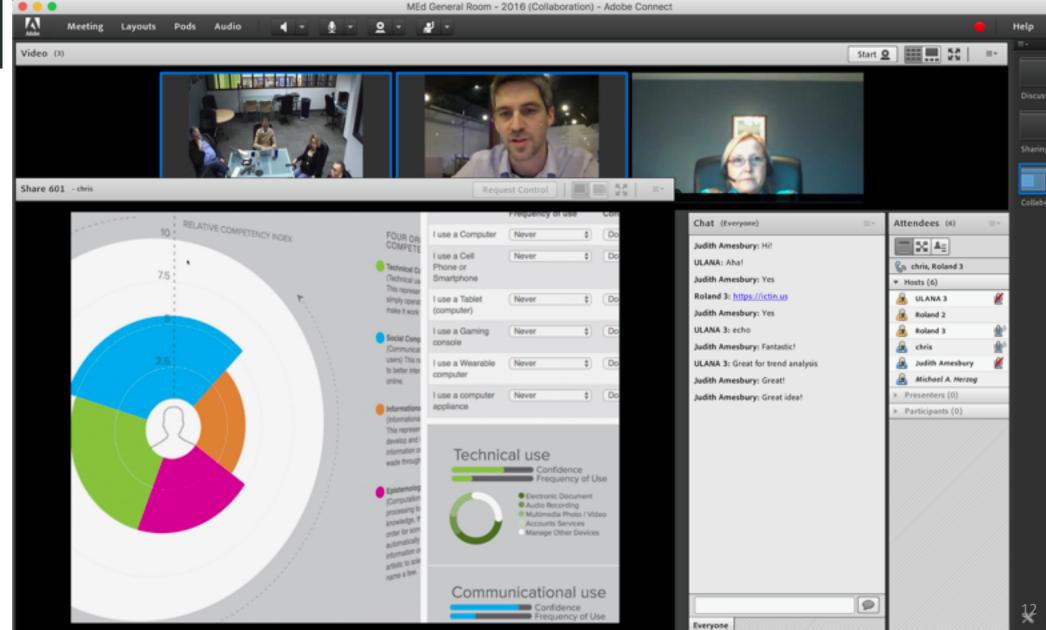
 Participation and presentation at CrossMedia Conference #TCCM,
 publication in conference proceedings



Research process



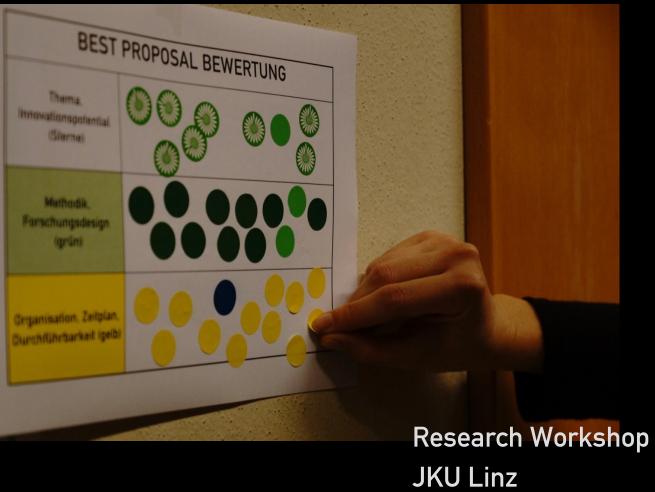






Research Workshop JKU Linz

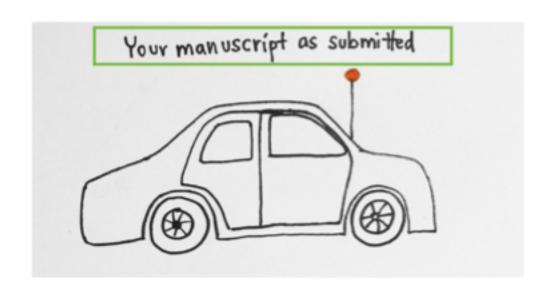


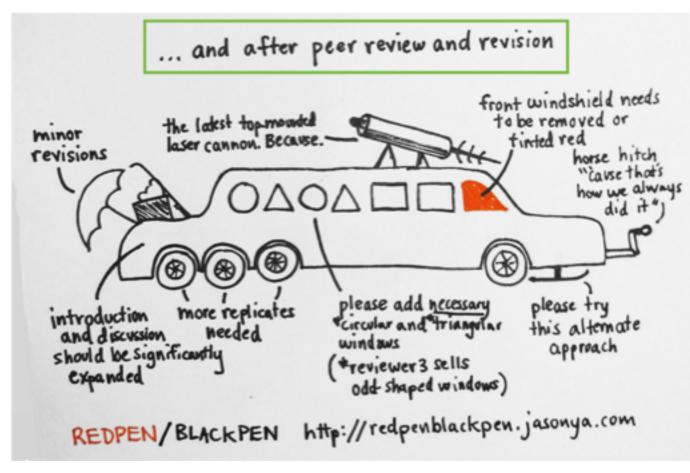


2nd phase



Peer Review





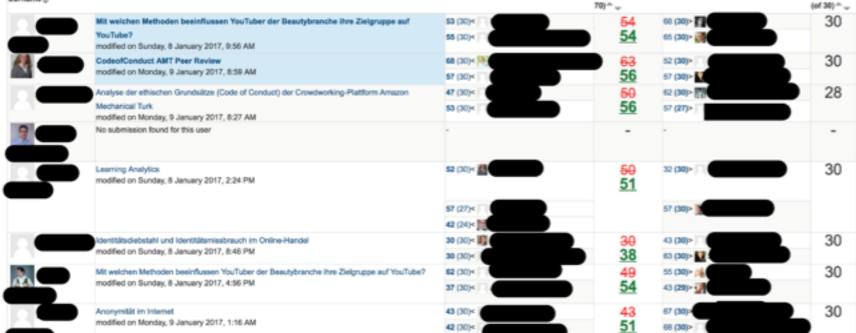
PeerReview (Online-Assessment) ®

Closed



Workshop grades report -





Grade for

assessment



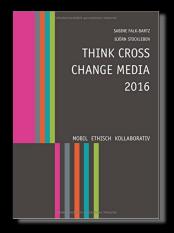


#TCCM Conference, Magdeburg, Feb. 2017

Research Design · Process Model · Conference

X





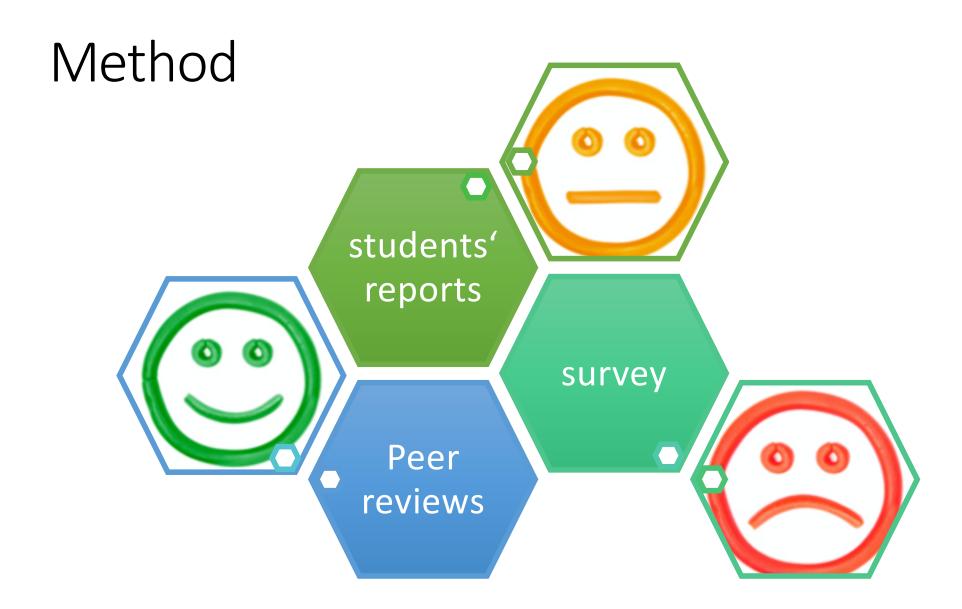
#TCCM Conference, Magdeburg, Feb. 2016

Research Design · Process Model · Conference

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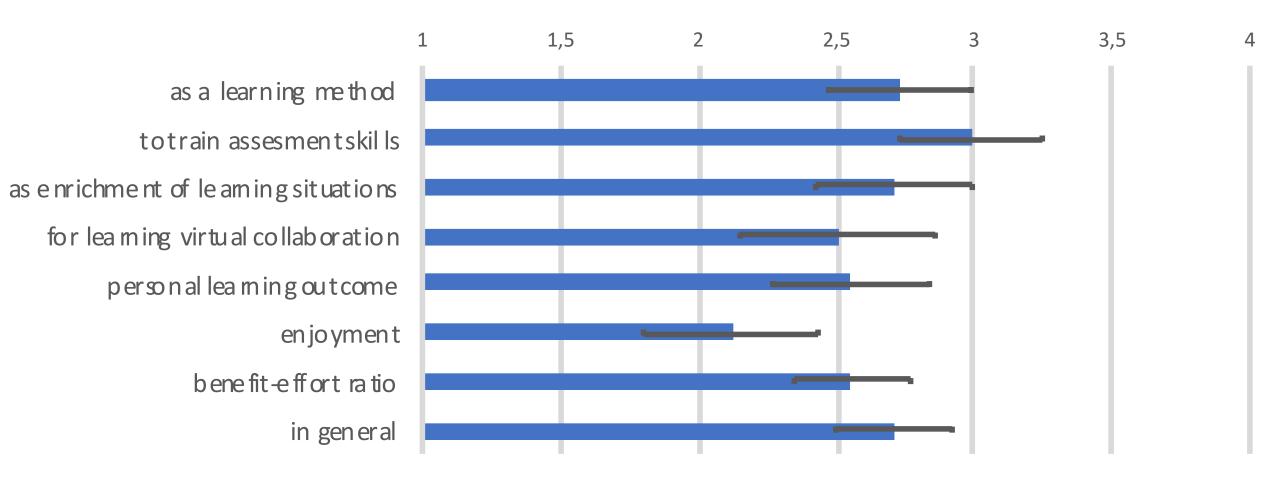
RESEARCH DESIGN

Method





Students' rating of peer review



[1] poor, ..., [4] excellent

Qualitative evaluation

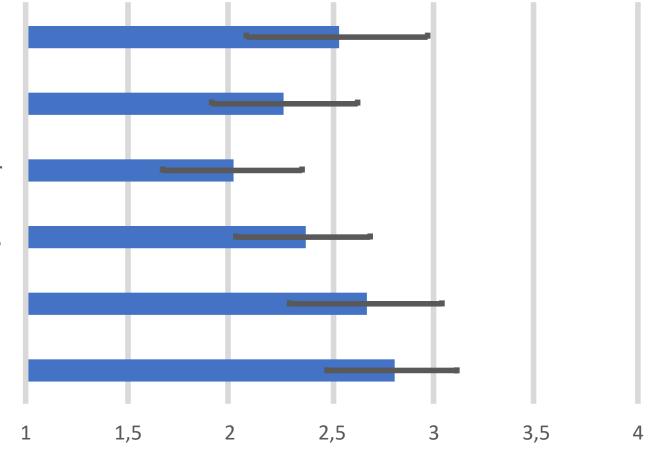
»Even though the development of this paper was **more demanding** than any other during my studies, I would recommend the cooperation with the university in Magdeburg for the coming years.

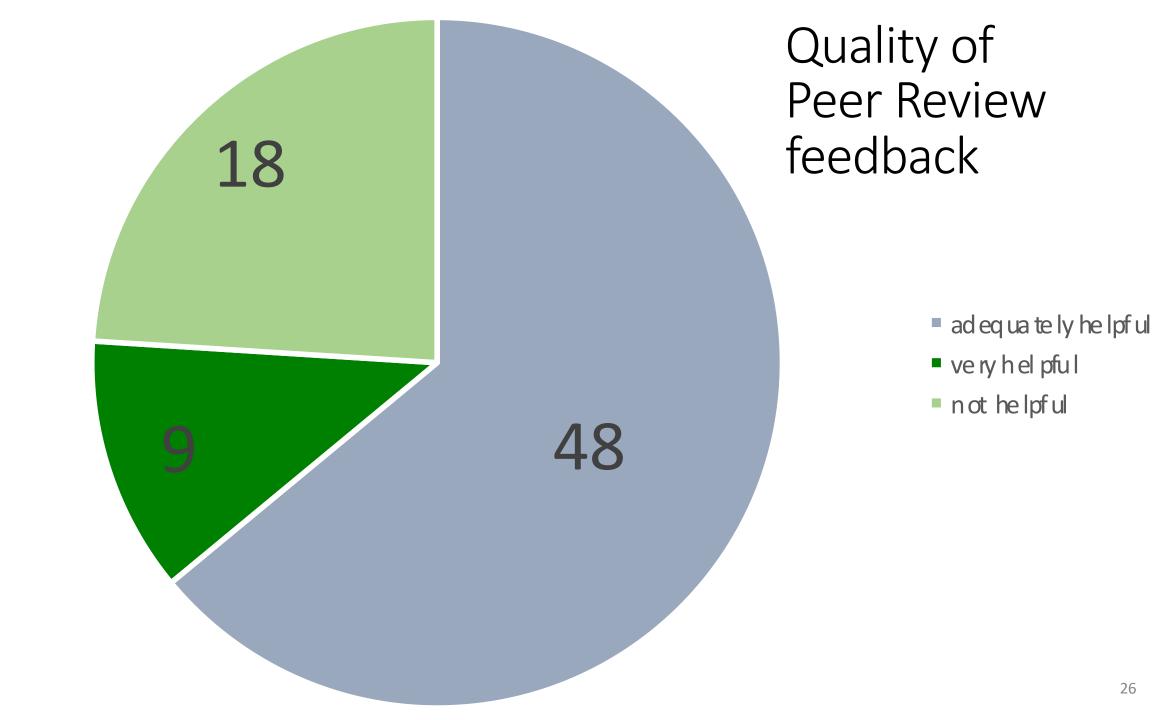
The chance to present our paper at the **Cross Media Conference** was great and will not repeat itself too quickly.

The **work in virtual teams** was rewarding, even though not always simple, and might turn out helpful in modern professional environments.«

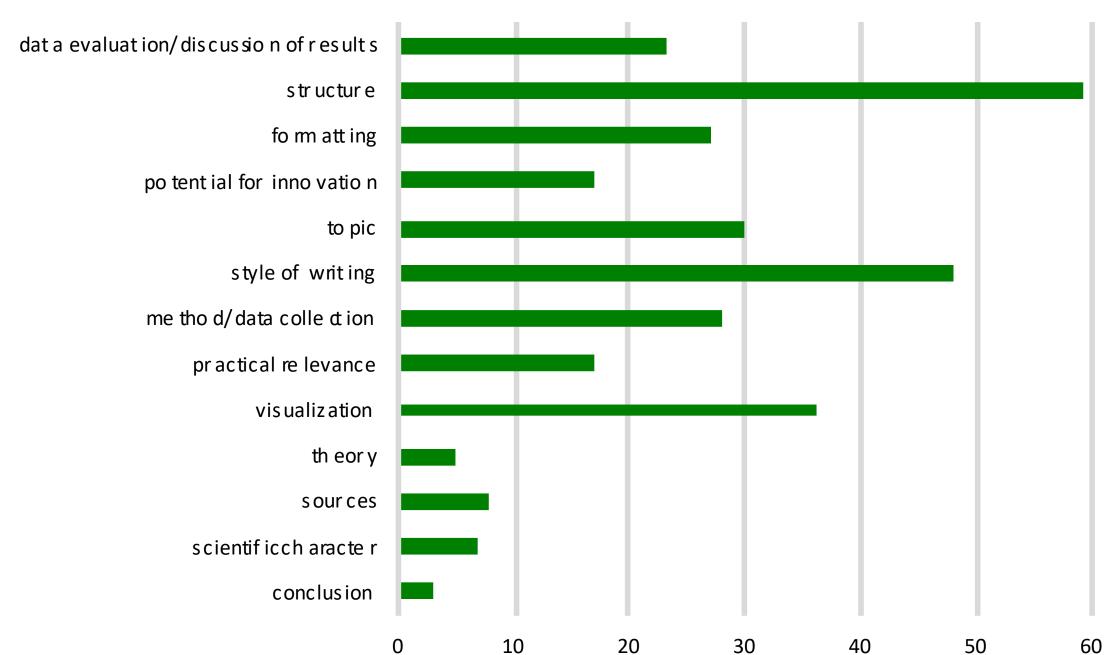
Students' rating of peer review feedback

Fe ed back has conbributed to my learning process Fe ed back has encouraged the collaboration of our group Fe ed back has changed the focus of our paper Fe eback has inspired metonew ideas Fe ed back was mostly helpful for my further work on the topic Fe ed back of our paper was mostly positive and constructi ve

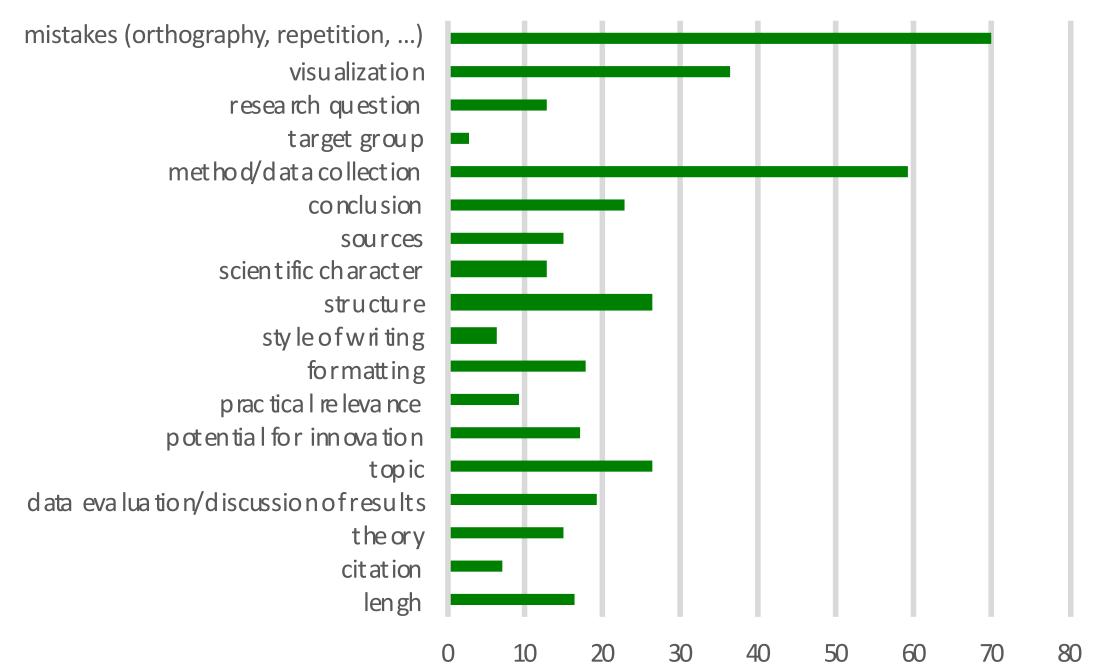


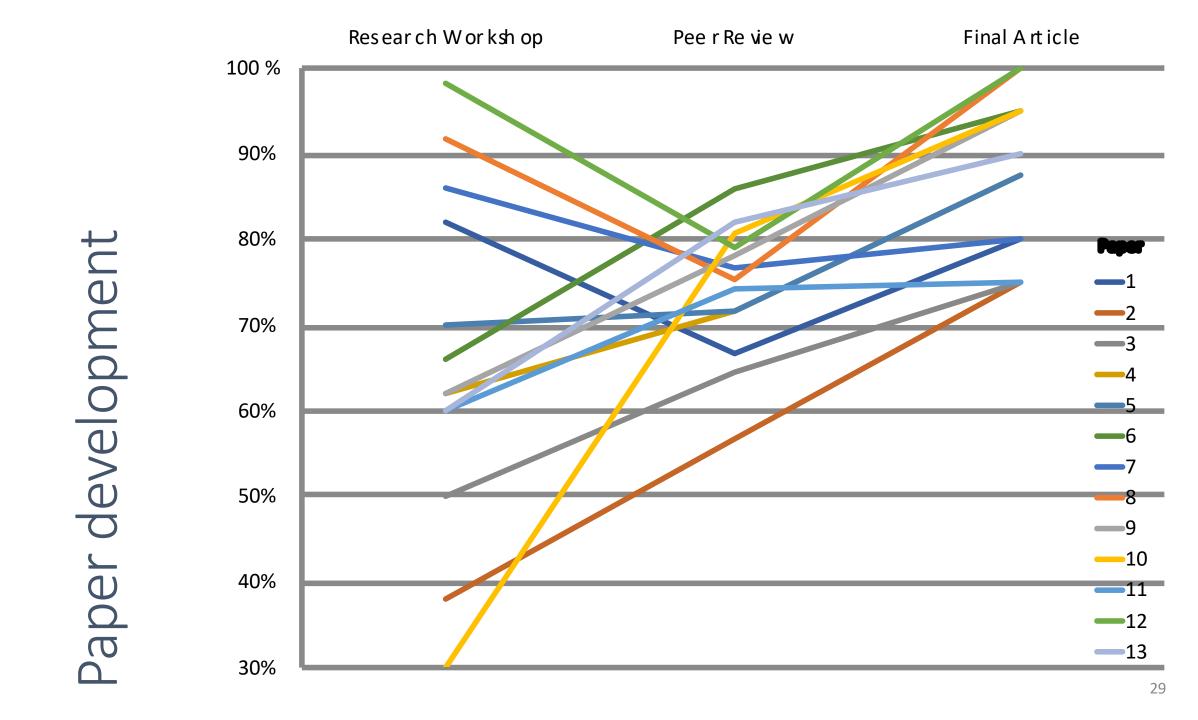


Positive Feedback



Negative feedback





Lessons learned and to be learned

- Peer review:
 - addresses the students' higher cognitive abilities while are directly involved in the evaluation process of peer papers
 - supports the development of teaching and learning and will further improve the quality of the seminar
- Higher focus on methodology and data collection
 - already in the beginning of course
 - more emphasise in the peer review questionnaire
- Students will review only one paper
- Give clearer instruction on how peer review should be done

Peer Review as QM Tool

- increased pressure on HE to improve service quality and optimize processes
- usual QM tools do not address learning and teaching directly
- didactics and pedagogy can improve learning success faster
- peer review as a student-centered method to measure and improve students learning success
- directly improves students skills

Thanks!!!

Contact:

Michael Herzog, Leonore Franz
Dept. of Economics
University of Applied Sciences
Magdeburg-Stendal, Germany
{michael.herzog, leonore.franz}@hs-magdeburg.de

Elisabeth Katzlinger, Martin Stabauer
Institute for Digital Business
Johannes Kepler University
Linz, Austria
{elisabeth.katzlinger, martin.stabauer}@jku.at