FOSTERING IN(TER)DEPENDENCE IN DOCTORAL EDUCATION THROUGH SUPERVISION

DMsci, Vice-Dean Lise Wogensen Bach & PhD, special consultant Stine Birk Kristensen, Aarhus University, Denmark





INDEPENDENCE

The PhD-student formulates the research project

The PhD-student is the main driver of the research project

The PhD-student is the main driver for writing the papers

The PhD-student is able to follow new paths that open through the research process

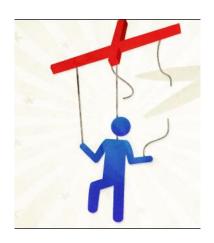
The PhD student takes ownership of the PhD project





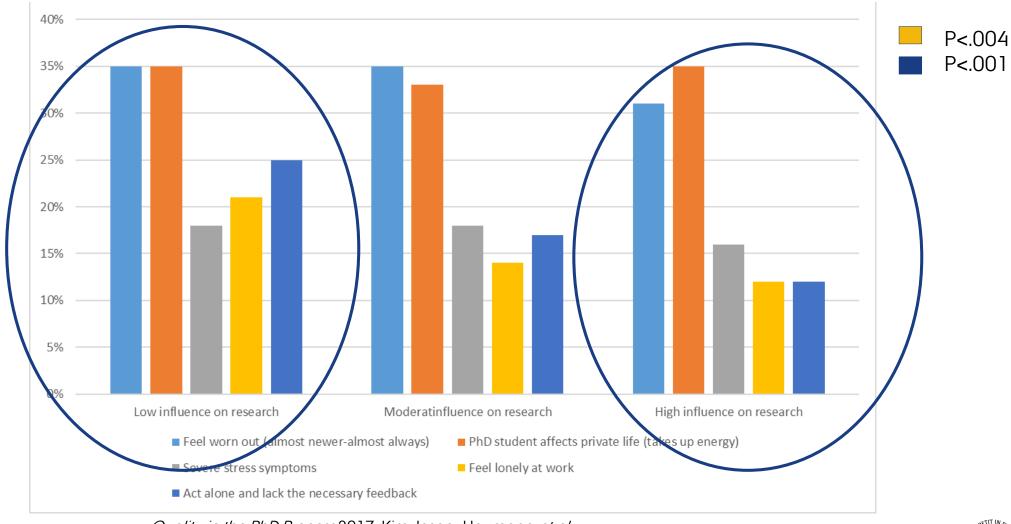
CHALLENGES TO INDEPENDENCE

- 1. Hands-on-supervision
- 2. Feeling of stress
- 3. Feeling of being worn out/the project takes to much energi
- 4. Loneliness at work
- 5. Feeling of being alone in the project
- 6. Lack of funding
- 7.





DEGREE OF SUPERVISOR INFLUENCE ON DOCTORAL RESEARCH

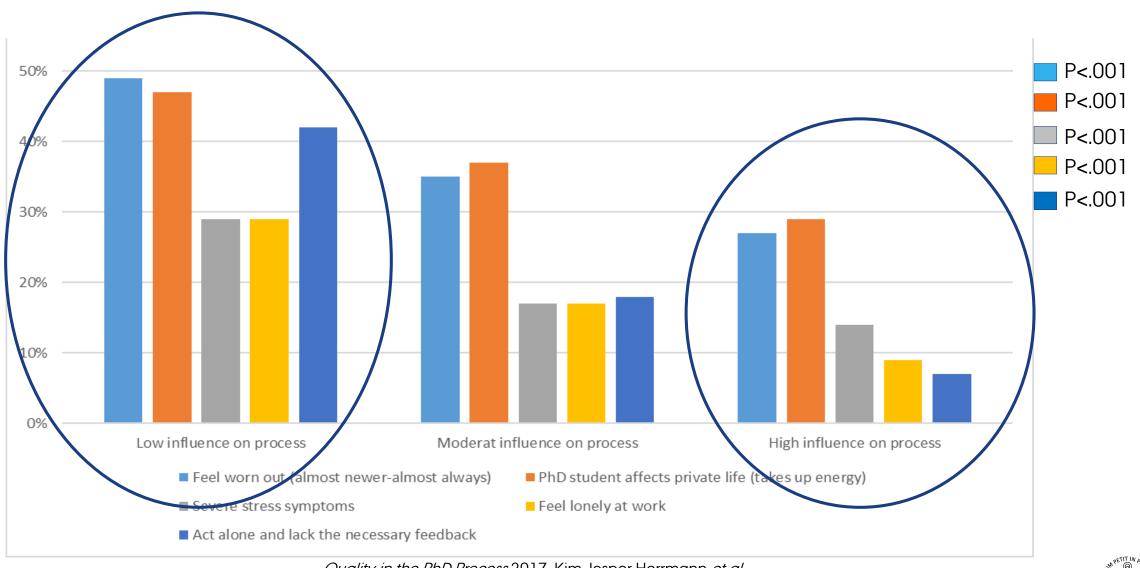








DEGREE OF SUPERVISOR INFLUENCE ON THE DOCTORAL PROCESS









TO WHICH LEVEL DO YOU TRAIN THE NEXT GENERATION OF RESEARCHERS?



- You take care of me
- Nutured, directed by others

Dependence

Independence

- · I can do it
- I am responsible
- I can choose
- "I"-centered

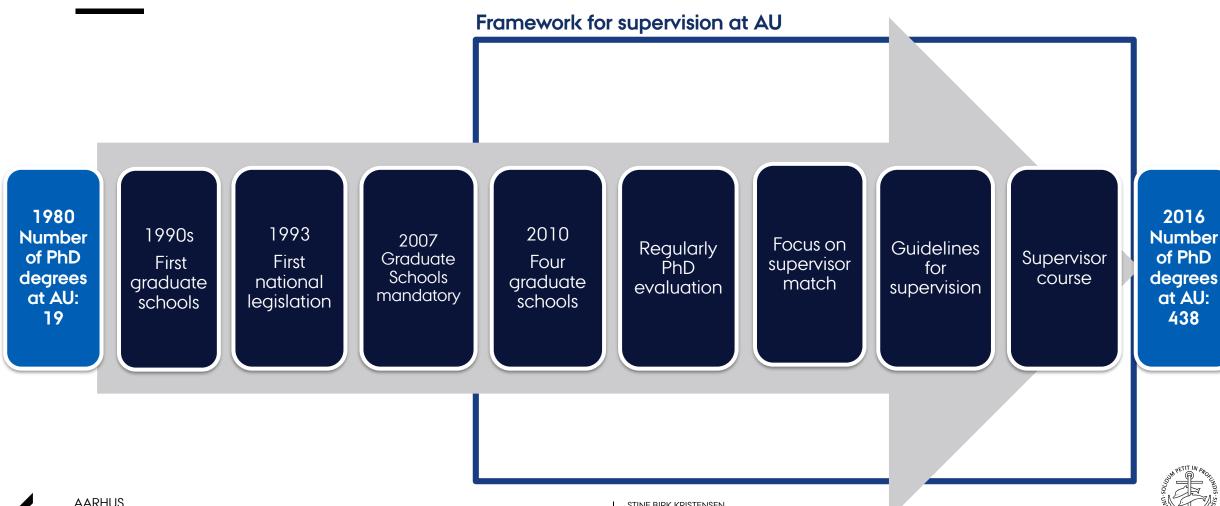
- We can do it
- We can corporate
- We can combine our talents and abilities to create something bigger

Interdependence



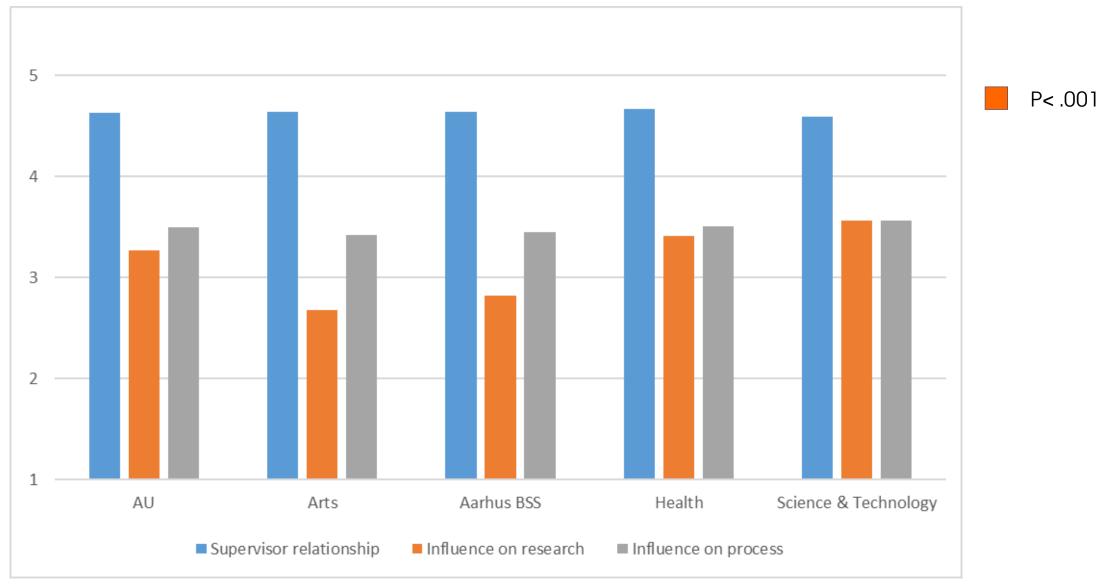


DEVELOPMENT OF FRAMEWORK FOR PHD EDUCATION IN DENMARK





SUPERVISOR RELATIONSHIP AND INFLUENCE ON THE PHD STUDY







GROWING IN(TER)DEPENDENCE THROUGH RESEARCH COLLABORATION AND CULTURE

| | Faculty of Arts | Faculty of Business & Social Sciences | Faculty of Health | Faculty of Science & Technology |
|--|-----------------|---------------------------------------|-------------------|---------------------------------|
| There is a sense around here that working together on research is fun (Disagree/Agree) | 65% | 68% | 79% | 74% |
| If I want to, I have good opportunities for writing academic texts in collaboration with other researchers (Disagree/Agree) | 50% | 66% | 68% | 66% |
| Here we present and discuss each other's research on a regular basis (Disagree/Agree) | 59% | 74% | 74% | 75% |
| I think the researchers here often write academic texts in collaboration with their PhD students (Disagree/Agree) | 31% | 73% | 77% | 81% |
| I feel like I'm part of the research community here (Disagree/Agree) | 64% | 72% | 83% | 80% |
| In physical terms, I spend most of my research time outside of the research environment (e.g. at home or in a company)/ (Disagree/Agree) | 31% | 2% | 16% | 9% |



