What influences the individual impact of BI users in health?

Tanja Svarre, AAU
CONTENT

- Motivation for the study
- Research model
- Methods applied
- Findings
- Implications
MOTIVATION FOR THE STUDY

• What is the individual impact of business intelligence (BI)?
• Private sector is investigated in more detail than the public sector
• Various user types → tasks characteristics
Individual impact: a measure of success
RESEARCH METHOD

• Employees at 12 public hospitals in Denmark
• Survey questionnaire
• 4,232 invited respondents, 1,351 responses, 746 relevant responses
• Constructs and single items representing Delone & McLeans (1992; 2003) model of IS success
• Regression analysis
Results

Positive and significant relations between system quality, task compatibility, task significance, task difficulty AND individual impact.
IMPLICATIONS

- System quality must be high
- The system must support the users’ tasks carried out in the system
- The users must perceive their BI tasks as important
THANK YOU

CONTACT AND FURTHER INFORMATION

- Rikke Gaardboe
gaardboe@business.aau.dk

- Niels Sandalgaard
nis@business.aau.dk

- Tanja Svarre
tanjasj@hum.aau.dk