

Current Topics in Media Computing and HCI

Prof. Dr. Jan Borchers
Media Computing Group
RWTH Aachen University

Summer term 2016

<http://hci.rwth-aachen.de/cthci>



Contribution and Benefits Statement

- Describes the contribution made by the paper to research/science and the benefit to the target users
 - Example 1, “offers guidelines for the design of interfaces to be used by brain-injured people via the Cyberlink interface; usage can lead to improved communication by the brain-injured.”
 - Example 2, “describes a camera-based technique for tracking a laser pointer on a large display, and appropriate interactor widgets: provides an inexpensive way to support group interaction with one display.”

Contribution and Benefits Statement

- Two parts: contribution and benefits
 - Contribution: generic and unique
 - **Type of contribution** (e.g., interaction technique, interactive system, guidelines, empirical findings, case study) and **generic description**
 - How it's **unique**
 - “offers **guidelines** for the design of interfaces to be used by brain-injured people **via the Cyberlink interface**; usage can lead to improved communication by the brain-injured.”
 - Example 2, “finds differences in the effectiveness of three tools for building GOMS models, when examined in terms of four criteria; offers


Contribution and Benefits Statement

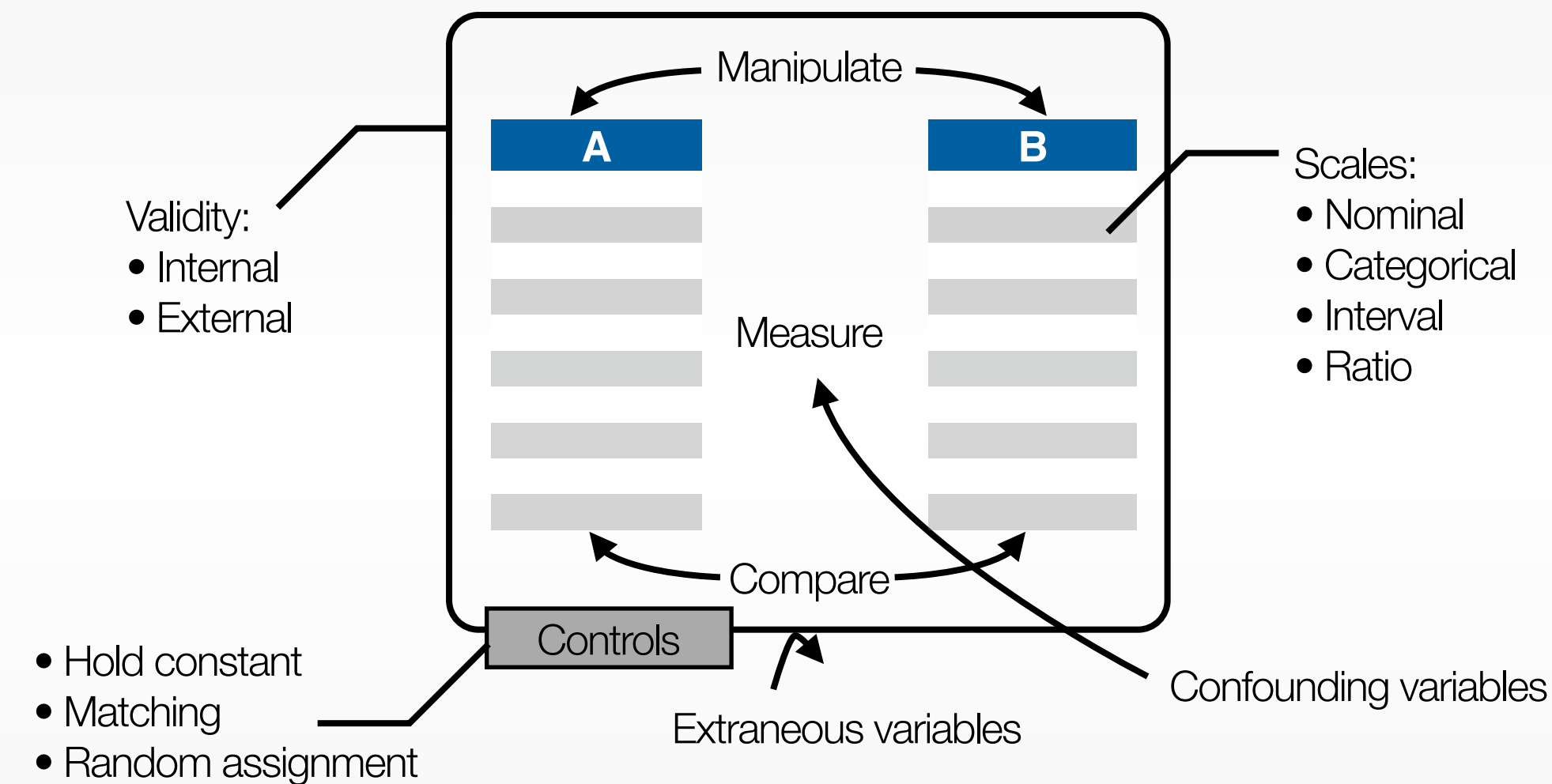
- “describes a camera-based technique for tracking a laser pointer on a large display, and appropriate interactor widgets: provides an inexpensive way to support group interaction with one display.”
- Type of contribution? Generic description?
- How is it unique?

Contribution and Benefits Statement


- Benefit
 - An improvement of some sort that can be generated by the contribution
 - “offers guidelines for the design of interfaces to be used by brain-injured people via the Cyberlink interface; usage can lead to **improved communication by the brain-injured.**”
 - “describes a camera-based technique for tracking a laser pointer on a large display, and appropriate interactor widgets: provides an inexpensive way to support group interaction with one display.” Benefit?

Exercise

- Gestures and widgets: performance in text editing on multi-touch capable mobile devices
- Fuccella et al., CHI '13 
- What is the contribution & benefits statement?



Exercise

- Gestures and widgets: performance in text editing on multi-touch capable mobile devices
- Fuccella et al., CHI '13 
- Contributions & Benefits
 - “We present the **design** and **evaluation** of a gestural text editing technique for touchscreens. Gestures drawn on the soft keyboard are often faster than conventional editing techniques.”

