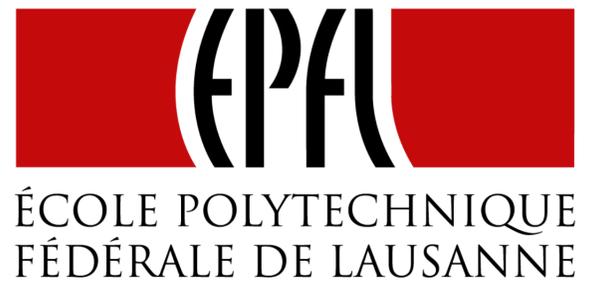


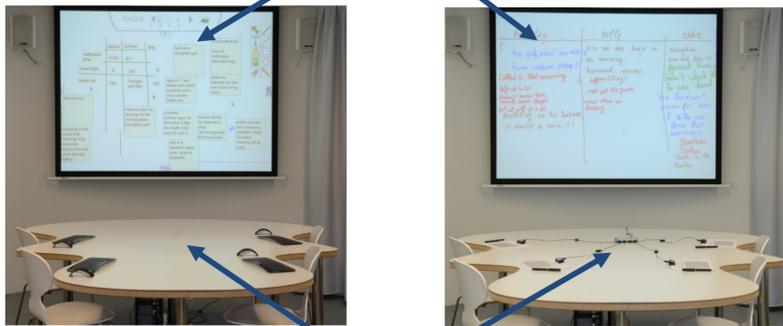
Group Dynamics Findings from Coordination in Problem Solving and Decision Making Meetings

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System Design

Shared wall-mounted display



Multiple Input Devices (Mouse & Keyboard vs. Pen)

Experiment Setup

Pre-Experiment Questionnaire

66 Participants
 17 Groups of 4 (or 3)
 Median Age: 23

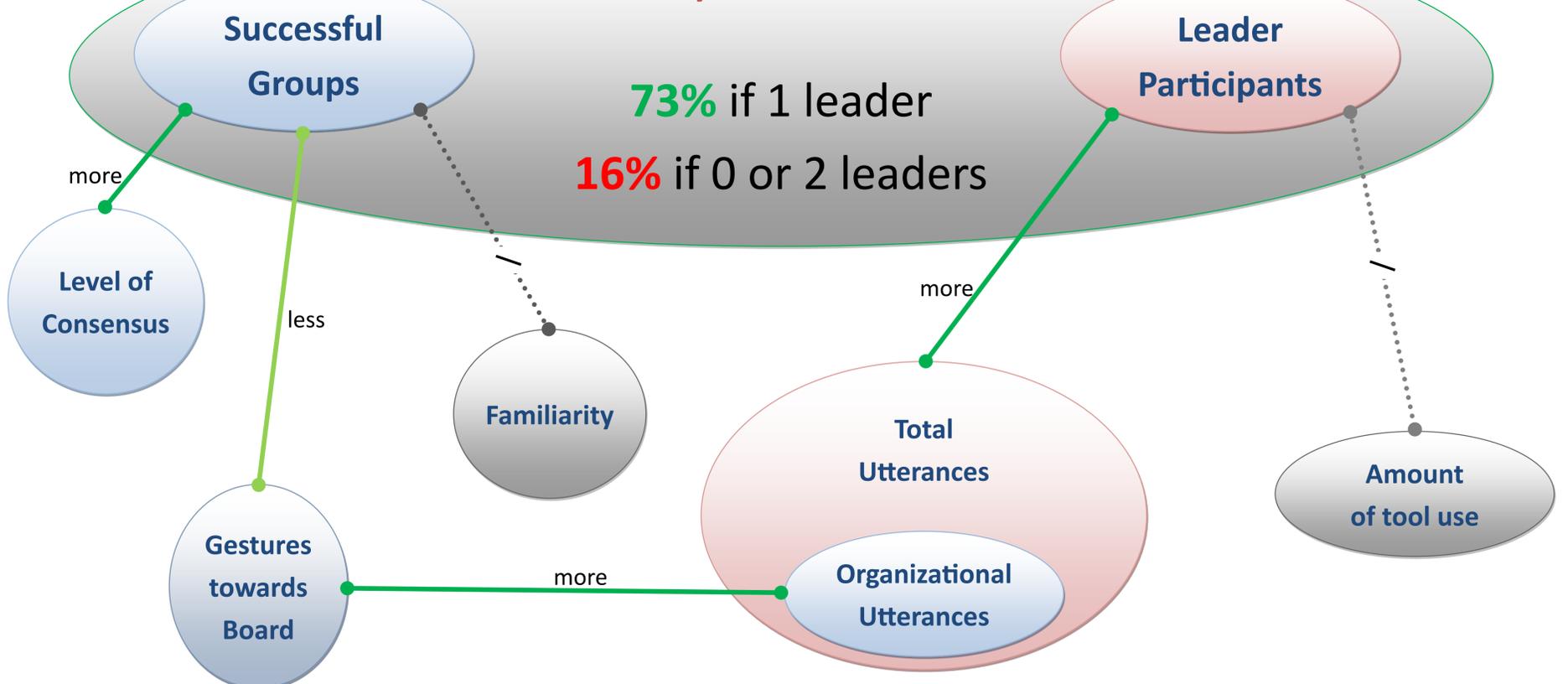
Hidden Profile Task
 Murder Mystery
 Max. 2h



Post-Experiment Questionnaire

Results

Success by Number of Leaders



Conclusions

- Leadership expressed by verbal interaction and not tool monopoly
- Prior acquaintance has no effect on task success
- Initial evidence of more success with a single leader than with no or more leaders

Future Work

- Analyze data with different definitions of Leadership
- More study of effects of number of leaders
- More analysis on other process variables