The visualization of request’s results in a professional context of information seeking

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Problematics

Logical visual inferences

Scalability

Useability

Human computer interaction

Qualitative metrics

Understanding cognitive tasks

Aesthetics

Interpretation of abstract visualized information
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Goals and research questions

• Specify abstract information visualization
• Understanding cognitive processes
• Measure the effect of organization on visualization and vice versa
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Methodology

• Heuristic evaluation
• Verbal protocol analysis
• Statistical experimentation
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- Theoretical results: interpretative process of abstract visualization
- Methodological results: qualitative metrics measure
- Practical results: recommendations for visual information system
Questions?