

Subjective and Objective Data Collection

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Introduction

- Literature review is available in your package
- Methods of data collection that you found useful
- Rather than discussing individual metrics, tell what works!
- Subjective and objective data

Discussion Points

- Focus on subjective and objective data
- Human performance data - recorded by human
 - Questionnaires, interviews, over-the-shoulder ratings
- Human performance data - recorded by machines
 - Number of keyboard entries
- System performance data - recorded by machines
 - Throughput

Discussion Points

- Sensitivity of methods for ATM applications
- Physiological data
 - What works?
- What about flight crew, airline operations center?
- Do we have good metrics for shared situation awareness, decision making, or trust in automation?