Relational Machines

Week 3: Measuring Interactions
Types of measures

- Self-report questionnaire
- Self-report interview
- Behavioral
- Physiological
Self-Report Questionnaire

- Existing questionnaire? Or create your own?
- Finding a questionnaire to use
- Creating your own questionnaire
Self-Report Questionnaire II

- How long should it be?
- Administering a questionnaire
- Evaluating the responses
Questionnaire
Example I

• Three characters
Questionnaire
Example II

- Thesis Exp. II
Self-report Interview

- Creating the interview questions
- Administering the interview
- Evaluating the responses
Interview Example

• MERL Mel interview
Behavioral Measures

• What do you want to measure?
• How do you go about it?
• How do you evaluate it?
Physiological Measures

• These are difficult for the kinds of real-world interactions that most of us are going for in this work!

• What do you want to measure?

• Some of the problems with these measures

• How to evaluate the data
Physiological Example

- SCR
Integrated Example

- MERL Mel II
Your projects

• Recommended measures
• Choosing and designing appropriate measures
• Caveats
• Schedule for the next two months
This week

• Start working on designing your measures

• I will hold office hours to help:
  • Friday 1:00 - 3:00
  • Monday 10:00 - 2:00

• E-mail to schedule a time if you want to come for help (coryk@media)