Survey exploring the priority of social situations

Part of the publication “Predicting the Priority of Social Situations for Personal Assistant Agent”, in PRIMA2020: The 23rd International Conference on Principles and Practice of Multi-Agent Systems

Authors: Ilir Kola, Catholijn M. Jonker, Myrthe L. Tielman, M. Birna van Riemsdijk

Part 1

Participants were asked to describe their relationship with five people from their social circle. For each person, the following questions were asked:

- What are the initials of this person? (e.g. AB)
- What is the age of AB?
- What is the gender of AB? (options: female, male, other)
- What is the role of AB towards you? (options: partner, parent, sibling, child, friend, extended family member, neighbor, coworker, supervisor, member of the same group (e.g., sports team), other)
- What’s the hierarchy rank (from a formal point of view) of AB towards you? (options: higher, lower, same, n.a.)
- How would you consider the quality of your relationship with AB? (options: very positive, positive, neither positive nor negative, negative, very negative)
- Typically, how long do you have to travel in order to meet AB? (options: 0-1hr, 1-2hr, 2-4hr, I would need to take a flight)
- For how long have you known AB? (options: <2 years, 2-5 years, 5-10 years, >10 years)
- How well do you know AB? (options: a great deal, a lot, a moderate amount, a little, not at all)
- How often are you in touch with AB? (options: a great deal, a lot, a moderate amount, a little, not at all)
- How many interest do you and AB share? (options: a great deal, a lot, a moderate amount, a little, not at all)
- How formal is your relationship with AB? (options: a great deal, a lot, a moderate amount, a little, not at all)

Part 2

The list of possible scenarios was the following:

- You agreed to meet AB because they need your expertise in their project.
- You asked AB for a meeting because you want some feedback on a new project proposal that you are working on.
- The monthly project meeting with AB where the recent progress of the project will be discussed is taking place next Tuesday.
- On Monday, you have your regular dinner with AB (restricted to family members, for the family setting).
- You have planned to go hiking with AB next weekend, and if the weather is nice you will also have a picnic (restricted to family members, for the family setting).
- AB has invited you to their place for their birthday party on Wednesday (restricted to family members, for the family setting).
- On Thursday evening you are meeting AB for your weekly sports training.
- You have accepted AB's invitation to practice sports together on the weekend. For this situation, assume that you don't regularly practice sports with AB.
- You have planned the regular movie night with AB on Tuesday.
- You need help with some simple repairs in your apartment which you have been neglecting for a while, so you ask AB to help and they agree to come over next weekend.
- AB has asked you to go shopping next weekend because they would need some advice, and you have agreed to join.
- You have planned to meet AB to go for drinks on Friday evening to a bar that has opened recently.

For each priority, the following questions were asked:

- What priority would you assign to this meeting? (options: very high, moderately high, slightly high, neither high nor low, slightly low, moderately low, very low)
- How likely is it for you to encounter a similar situation in your daily life? (options: very likely, somewhat likely, neither likely nor unlikely, somewhat unlikely, very unlikely)

Part 3

Two scenarios were chosen randomly and shown to the subject, and the following questions was asked:

Suppose that in a certain week you are very busy due to some other unexpected commitment, so you can attend only some meetings and cancel some others. Which of these two meetings would you attend? (options: Scenario 1, Scenario 2)

Part 4

Subjects were presented with a list of statements, and for each statement they had to answer "How much like you is this person?". Following the guidelines from Schwartz\cite{schwartz2005human}, we used male pronouns in the statements when the subject was male, female pronouns when the subject was female, and plural pronouns when the subject selected the option 'other' when asked about gender. The answer options were: very much like me, like me, somewhat like me, a little like me, not like me, not like me at all. The statements were the following:

- Thinking up new ideas and being creative is important to him/her. He/she likes to do things in his/her own original way.
- He/she always wants to be the one who makes the decisions. He/she likes to be the leader.
- He/she thinks it is important that every person in the world be treated equally. He/she wants justice for everybody, even for people he/she doesn’t know.
- It is very important to him/her to show his/her abilities. He/she wants people to admire what he/she does.
- He/she tries hard to avoid getting sick. Staying healthy is very important to him/her.
- He/she likes surprises and is always looking for new things to do. He/she thinks it is important to do lots of different things in life.
- It is important to him/her to be obedient. He/she believes he/she should always show respect to his/her parents and to older people.
- It is important to him/her to listen to people who are different from him/her. Even when he/she disagrees with them, he/she still wants to understand them.
- Having a good time is important to him/her. He/her likes to “spoil” himself/herself.
- It is important to him/her to make his/her own decisions about what he/she does. He/she likes to be free to plan and to choose his/her activities for himself/herself.
- It's very important to him/her to help the people around him/her. He/she wants to care for other people.
- Being very successful is important to him/her. He/she likes to impress other people.
- It is important to him/her that things are organized and clean. He/she doesn’t want things to be a mess.
- It is important to him/her always to behave properly. He/she wants to avoid doing anything people would say is wrong.
- It is important to him/her to be in charge and tell others what to do. He/she wants people to do what he/she says.
- It is important to him/her to be loyal to his/her friends. He/she wants to devote himself/herself to people close to him/her.
- He/she seeks every chance he/she can to have fun. It is important to him/her to do things that give him/her pleasure.
- He/she looks for adventures and likes to take risks. He/she wants to have an exciting life.