**Social Robot EMA (SoREMA) survey**

Casey C. Bennett, Cedomir Stanojevic, Selma Šabanović, Jennifer A. Piatt, Seongcheol Kim. 2021. When No One is Watching: Ecological Momentary Assessment to Understand Situated Social Robot Use in Healthcare. *ACM International Conference on Human-Agent Interaction (HAI)*, pp. 245-251.

|  |  |  |
| --- | --- | --- |
| Survey Type | Frequency | Content |
| Baseline | Only once, at least two days before the beginning of the study. | 1. What is your date of birth? 2. Please indicate your race: (select one or more that you identify)? 3. American Indian or Alaskan Native 4. Asian 5. Black or African American 6. Native Hawaiian or Other Pacific Islander 7. White 8. What is your current living situation? 9. Married or living with significant other 10. Living with a roommate 11. Living at home with parents 12. Living alone 13. Living in a group home 14. Living with partner 15. Other (Please fill in in space provided) 16. Which of the following best represents the highest level of education that you have completed? 17. Some high school or less 18. High school graduate 19. GED 20. Attend some college 21. Associates degree 22. Bachelor's degree 23. Post-college graduate 24. Are you currently employed? 25. Yes, Full-time 26. Yes, Part-time (30 hours or less per week) 27. No 28. How long do you sleep on average during the night? 29. Less than 5 hours 30. Between 5 and 8 hours 31. More than 8 hours 32. None of the above 33. What time do you usually go to bed? 34. Before 8 PM 35. Between 8 and 9 PM 36. Between 10 and 12 PM 37. After 12 AM 38. What time do you usually wake up? 39. Before 6 AM 40. Between 6 and 7 AM 41. Between 7 and 8 AM 42. Between 8 and 9 AM 43. Between 9 and 10 AM 44. After 10 AM 45. When do you usually watch TV? 46. Morning 47. Afternoon 48. Evening 49. All of the above 50. Never 51. How much do you watch tv daily on average? 52. Less than 2 hours 53. Between 2 and 4 hours 54. More than 4 hours 55. I am not sure 56. None at all 57. Tell us a little bit about what you do for physical exercise. Do you exercise? 58. Do you feel you will use provided robot every day? 59. Yes 60. NO if no Why not? 61. In which situations do you think would SAR be beneficial to you? |
| Time-Based | Random EMA pings within an hour (9 pings per day) between:  9-10 am;  12-1 pm;  3-4 pm;  4-5 pm;  6-7 pm;  7-8 pm;  8-9 pm;  9-10 pm;  10-11 pm. | 1. Have you used SAR in the past 15 minutes? 2. How did you use SAR? 3. Playing with SAR 4. Talking to SAR 5. Petting SAR 6. Watching TV/ Listening to the radio with SAR 7. Eating/Cooking with SAR 8. Picked up or Moved the SAR 9. None of the above 10. Other 11. What else have you been doing with the SAR? 12. During the past 15 minutes was the SAR mostly near you (within touching distance) or far from you? 13. Near 14. Far 15. Have you talked to SAR in the past 15 minutes? 16. For how long have you currently been interacting with SAR? 17. How are you feeling after interaction with SAR? |
| Event-Based | Initial ping would occur on full hour prompting the participant to interact with the SAR:  “Time to interact with your SAR.”  Reminder ping would be pushed 15 minutes after the initial one:  “We hope you are enjoying interacting with SAR.”  Forty minutes after the initial ping the participants would be prompted to fill out the survey.  (6 pings per day):  9-10 am;  12-1 pm;  3-4 pm;  4-5 pm;  6-7 pm;  7-8 pm.  Reduced amount of time intervals due to increased amount of pings as well as promoted interactions with the SAR. | 1. Are you still interacting with SAR 2. How long have you been interacting with SAR? 3. Less than 15 minutes 4. 15 minutes 5. Half an hour 6. An hour 7. More than an hour 8. How did you interact with SAR? 9. Playing with SAR 10. Talking to SAR 11. Petting SAR 12. Watching TV/ Listening to the radio with SAR 13. Eating/Cooking with SAR 14. Picked up or Moved the SAR 15. None of the above 16. Other 17. Can you please specify how were you interacting with SAR? If you have not interacted with the SAR, please type N/A 18. Was SAR mostly near you (within touching distance) or far from you? 19. How are you feeling after interaction with SAR? If you have not interacted with the SAR, please type N/A. |