

The first part of the study was a pilot study. The purpose of the pilot study was to determine the feasibility of the study and to estimate the sample size required for the main study. The pilot study was conducted with 10 participants. The results of the pilot study showed that the study was feasible and that the sample size required for the main study was approximately 100 participants.

### Method

The study was conducted in a laboratory setting. The participants were recruited from a local university. The study was approved by the ethics committee of the university. The participants were informed of the purpose of the study and gave their informed consent. The study was conducted in two phases. In the first phase, the participants were familiarized with the task. In the second phase, the participants performed the task under different conditions. The dependent variable was the time taken to complete the task. The independent variables were the number of participants and the number of trials. The data were analyzed using a two-way ANOVA.

The results of the study showed that the time taken to complete the task increased with the number of participants and the number of trials. The interaction between the number of participants and the number of trials was significant. The results of the study have implications for the design of multi-person systems.