

Simulate Survey Data

5 Questions, 2 Timepoints

Alison Rector

2022-09-21

```
# Create a list of survey responses
Survey_Responses_T1<-c("Strongly Agree", "Agree", "Disagree", "Disagree", "Strongly Disagree", "Do Not Know")

# Randomly sample from this list for 5 questions to create Time 1 dataset
set.seed(576)
SimulatedSurvey_T1 <- data.frame(Q1=sample(Survey_Responses_T1, 100, replace=TRUE),
                                Q2=sample(Survey_Responses_T1, 100, replace=TRUE),
                                Q3=sample(Survey_Responses_T1, 100, replace=TRUE),
                                Q4=sample(Survey_Responses_T1, 100, replace=TRUE),
                                Q5=sample(Survey_Responses_T1, 100, replace=TRUE))

saveRDS(SimulatedSurvey_T1, "../Z-Data/Simulated_5Q_T1.rds")

# Create a list of survey responses
Survey_Responses_T2<-c("Strongly Agree", "Agree", "Strongly Agree", "Agree", "Disagree", "Strongly Disagree", "Do Not Know")
# Randomly sample from this list for 5 questions to create Time 2 dataset
set.seed(726)
SimulatedSurvey_T2 <- data.frame(Q1=sample(Survey_Responses_T2, 100, replace=TRUE),
                                Q2=sample(Survey_Responses_T2, 100, replace=TRUE),
                                Q3=sample(Survey_Responses_T2, 100, replace=TRUE),
                                Q4=sample(Survey_Responses_T2, 100, replace=TRUE),
                                Q5=sample(Survey_Responses_T2, 100, replace=TRUE))

saveRDS(SimulatedSurvey_T2, "../Z-Data/Simulated_5Q_T2.rds")
```