

# SIGSCE Replication

Karrie Chou

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## Data setup

```
setwd("~/Desktop/OnTrack")

merged_prototype <- read.csv("merged_prototype.csv")
sigcse_dependent_variables <- read.csv("sigcse_dependent_variables.csv")

merged_prototype_students <-
  merged_prototype %>%
  filter(ca_consent == "True")
```

## Page 4 Table 1: Control and Treatment Groups A/B Comparisons: Start and End Times

```
kable(table_1)
```

control_vs_treatment	mean	sem	n	mean	sem	n	mean	sem	n	mean	sem	n
Email	46.03	1.51	504	41.36	1.40	561	26.85	1.18	504	24.12	1.07	561
No email	45.74	1.43	355	37.16	1.32	437	29.13	1.18	355	23.67	1.05	437

## Page 5 Table 3: Email Versions A/B Comparisons: Start and End Times

```
kable(table_3)
```

email_group	mean	sem	n	mean	sem	n	mean	sem	n	mean	sem	n
Wednesday afternoon	46.73	1.52	165	41.67	1.40	185	29.21	1.23	165	26.05	1.12	185
Wednesday evening	46.66	1.61	165	41.42	1.48	196	25.69	1.21	174	22.81	1.09	196
Thursday afternoon	44.68	1.41	165	40.96	1.31	180	25.71	1.08	165	23.57	0.99	180

## Page 5 Table 4: Email Versions A/B Comparisons: Attempt, Completion and Link Click Rates

```
kable(table_4)
```

email_group	proportion_attempted	proportion_completed	n
Wednesday afternoon	0.89	0.54	185
Wednesday evening	0.89	0.40	196
Thursday afternoon	0.92	0.51	180

## Page 5 Graph

```
print(attempt_graph)
```

