# CONFIDENTIAL - FOR PEER-REVIEW ONLY
## On or Off Track: Study S2b (#28202)

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**1) Have any data been collected for this study already?**
No, no data have been collected for this study yet.

**2) What's the main question being asked or hypothesis being tested in this study?**
Participants with a broken streak (i.e., 3 games and then 1 miss) will be less likely to play the same games that they started with, relative to participants with a recent miss but no streak preceding it (i.e., 1 game and then 1 miss).
Participants with a broken streak will feel a lower sense of accomplishment, relative to participants with a recent miss but no streak preceding it.

**3) Describe the key dependent variable(s) specifying how they will be measured.**
Choice of game after the miss.
10 item sense of accomplishment scale (1-11 point items): How motivated, compelled, driven, pushed, determined to continue behavior, and how successful, effective, proud, accomplished, sense of achievement in playing the games. All items will be averaged together for 1 measure of sense of accomplishment.

**4) How many and which conditions will participants be assigned to?**
2 conditions: no streak condition (1 game then 1 miss) vs. broken streak condition (3 games then 1 miss). They will be randomly assigned to condition via qualtrics.

**5) Specify exactly which analyses you will conduct to examine the main question/hypothesis.**
Chi square analysis of condition and game choice (main DV).
Independent t-test of condition predicting sense of accomplishment measure.
Mediation (process v1 model 4) with condition (no streak = 0, broken streak = 1) as the dependent variable, sense of accomplishment as the mediator variable, and choice (same game = 1, other game = 0) as the independent variable.

**6) Describe exactly how outliers will be defined and handled, and your precise rule(s) for excluding observations.**
We do not expect to exclude any participants.

**7) How many observations will be collected or what will determine sample size? No need to justify decision, but be precise about exactly how the number will be determined.**
Sample size is determined by lab recruitment. We expect approximately 200 participants.

**8) Anything else you would like to pre-register? (e.g., secondary analyses, variables collected for exploratory purposes, unusual analyses planned?)**
We will also ask a manipulation check.