

Procedure

Before beginning the survey, the participant must complete a consent form. Then they will take the ground truth survey, and then take either the control survey or the experimental survey.

Ground Truth Survey

The ground truth survey will consist of 12 sentences that were gathered from a [random sentence generator](#). These 12 sentences will be given to all participants. The participant will be asked to give a score from 1-10 on how natural the passage sounded and to give scores from 1-10 on the strength of association between the passage and each of the following categories: anger, fear, joy, and sadness.

Control Survey

For this section, each sentence from the previous section will be fed through a word replacement model to randomly replace words with their synonyms. Participants will answer the same questions for each sentence as in the ground-truth section. The participant will be asked to give a score from 1-10 on how natural the passage sounded and to give scores from 1-10 on the strength of association between the passage and each of the following categories: anger, fear, joy, and sadness.

Experimental Survey

For this section, each sentence from the previous section will be fed through a word replacement model to target an emotion (either anger, fear, joy, or sadness). Participants will answer the same questions for each sentence as in the ground-truth section. The participant will be asked to give a score from 1-10 on how natural the passage sounded and to give scores from 1-10 on the strength of association between the passage and each of the following categories: anger, fear, joy, and sadness.