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Methods

Student's Name

University

Course

Professor

Date

Participants

All participants included in the study were 57 with varying characteristics. The study comprised participants from different ethnic backgrounds, gender, and age to ensure diversity in the answers. Female participants were more than males because 36.8% of the participants were male, and 63.2% were female. Moreover, the average age of participants is 21.9, with the youngest participants being 18 years and the oldest 32 years. Six ethnic backgrounds were represented, with 22.8% of participants coming from African Americans, 42.1% Caucasian, 14% Hispanic, 7% Hawaiian, 7% Asian, and 7.1% Multi-ethnic. Since the participants were college students, they were pursuing different majors, and thus, the majority of them were taking psychology, comprising 85.9%. Similarly, 8.8% of participants were doing Nursing major, 3.5% in sociology major and that with least participants was public health at 1.8%. The participants were recruited by a professor in one of the colleges in the United States. College students are the best for this study because they are active and have high cognitive abilities to yield better memory tests.

Materials

Several materials were used to provide participants with the music and the words to be displayed. The screens were used to say the words 14 words that the participants will need to remember. Other materials are the speakers that will play the music in the background while the participants view the words on the screen. Finally, is the google form survey was then provided for the participants to type the words they can remember without looking back at the terms.

Design

The experimental design was used in the study. The selected participants and grouped based on the type of music and controlled to remember as many words as possible using minimum time. The experimental participants were grouped based on ACDC back to black and Mozart Sonata 2 pianos in D Major and conditioned by the music preference including Rock, R&B, country, and classical. The independent variable was the type of music with two groups, and the dependent variable was the words remembered to test the memory.

Procedure

The first activity for the randomly selected individuals was to rank a set o select music. The participants would rank the music from their most favorite to the least favorite. The type of music to be rated based on preference is classical, country, rock, and the top 40 pop. The music would act as destruction to the memory of the participants while testing their memory. The next activity is to listen to the background music while seeing the words appear on the screen and try to remember as many words as possible and type them into the survey form. The words would not appear when the participants and typing the recognized words.

The groups were divided into two, with those listening to ACDC Back in Black in one experiment and those with Mozart Sonata for 2 Pianos in D Major in another experiment. After the video was done playing, the participants wrote the remembered words; they could look at the terms. Both the rock and classical music groups performed the same procedure but listened to different music.

Measures

Google form questionnaires were used to collect data in the study. Participants were required to fill the questionnaires after they had read the words while listening to the music.

Different participants had varying music preferences, and their preferences were R&B, classical, country, and rock. The song would play for five minutes, and the participant memorized 15 words such as rain, grew, angry, house, and park. The memory was tested by writing as many words they recall without referring anywhere. Also, they should not use more than two minutes to remember the words.

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