

## **The Effects of Music and Gender on Recall Ability on College Students: A Study in Students from Universitas Indonesia**

**Authors :** Hestika D. Waraningrum, Indriani N. Khairunnisa, Nabila Isnandini, Nadine Yasminah, Sekar A. Winesa

**Abstract :** Each individual's ability to recall, whether they are male or female, is allegedly influenced by the environmental circumstances during the recalling process. The presence of a distraction is one of the environmental variables that affect recall ability in its capacity in the Short Term Memory. This study was made to see the difference in number of words that was successfully recalled by male participants and female participants with the presence of music as a distraction and also without music as a distraction. Data was taken using an experimental procedure from 75 female and male undergraduate students of Universitas Indonesia. The study design used was a 2x2 Factorial ANOVA, which aimed to see the difference between two variables, which were gender (male vs female) and the presence of a distraction (music serving as a distraction vs absence of music). The results indicated that there were no significant mean differences in the ability to recall between male and female participants. There are no significant mean differences between the presence and the absence of music as a distraction, but a significant interaction was found between gender and distraction with the ability to recall.

**Keywords :** college, gender, music, recall

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