

Experiment for self-reference

Psychology



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For the experimental research study, two groups were tested and the overall results were analyzed and interpreted. The first group of individuals was between the ages of 19 - 29 years old, which were comprised of 18 females with the mean age equaling $21.8 \text{ yrs} \pm 2.5 \text{ yrs}$ and 12 males with the mean age of $21.8 \text{ yrs} \pm 1.8 \text{ yrs}$. The second group was between the ages of 30 - 50 years of age. This group was comprised of 21 females with a mean age of $36.5 \text{ yrs} \pm 2.5 \text{ yrs}$ and 7 males with a mean age of $34 \text{ yrs} \pm 5.8 \text{ yrs}$.

Results showed that there was a main effect for encoding ($F(1, 56) = 117.9$, $p < .05$).

Furthermore, there was greater evidence for Self-reference which scored a mean of 0.75 ± 0.23 and Structure which scored a mean of 0.96 ± 0.09 . However, it was found that there was significant interaction ($F(2, 80) = 20.1$, $p < .05$) with Self-reference. For this part of the study, group one resulted in a mean of 0.82 ± 0.16 while group two resulted in a mean of 0.67 ± 0.27 . With this in mind, it was also found that the older age group showed test results with poorer recall scores only with the Self-reference testing. However, with there being no main effect for age in the results, Self-reference may show more of a generational difference between the two groups as opposed to age-based differences.