

16. Invent Yourself: Short Term Memory

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IYNT 2019

Problem to be investigated

16. What is the capacity and duration of human short-term memory? Suggest an experimental study to evaluate short-term memory and factors that may have important influence.

Pros & Cons - Theory

1. He explains some functions and properties of short-term memory.

1. Reading from large texts
2. Does not have a time balanced presentation (experiment/theory)
3. Did not use all of his available time

Pros & Cons - Experiment

1. Conducted a detailed experiment
2. Explained how age affects the phenomenon
3. Experimented with many volunteers

1. Does not define the actual age/gender of the 'kids'
2. Does not take into consideration other factors influencing memory.
3. He combined the dots in the graph without measuring for a
4. No conclusion confirming the results
5. Does not define the conditions/distractions of the room the experiment was conducted (e.g. White wall or coloured wall)
6. He had no hypothesis or conclusions
7. In his diagram he didn't take into consideration the working memory.

Conclusions

- He did not examine a lot of parameters
- There was no actual definition of the experimental setup
- He did not present any conclusions or hypotheses -> undefined experiment
- He did not define the age of the young or adult volunteers
- He explained all the functions and properties of short term memory really well

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THANK YOU!

Discussion

- How can one forget future events?
- How exactly do these factors you referred to influence short-term memory?
- How can you explain the fact that you can change your short term memory?
- Can the short term memory be decreased apart from aging?
- Can you be sure that they were fully focused and environment did not affect the problem?