

Music Versus No Music Effectiveness On Cognitive Response Time and Typing Efficiency

Jonquill Howlett

Colorado State University

Berthoud, Colorado, USA

jonquill.howlett@colostate.edu

Lianna Hoag

Colorado State University

Fort Collins, Colorado, USA

jonquill.howlett@colostate.edu

Shea Spalding

Colorado State University

Fort Collins, Colorado, USA

jonquill.howlett@colostate.edu

ABSTRACT

abstract

CCS CONCEPTS

• Music, Typing Efficiency;

KEYWORDS

Typing Efficiency with Music, Cognitive Function

ACM Reference Format:

Jonquill Howlett, Lianna Hoag, and Shea Spalding. 2024. Music Versus No Music Effectiveness On Cognitive Response Time and Typing Efficiency. In . ACM, New York, NY, USA, 1 page. <https://doi.org/10.1145/nnnnnnn>. nnnnnnn

1 INTRODUCTION

This project will focus on people's ability to type with distractions such as different types of music playing and then will test their cognitive ability to focus on a hand/eye coordination test in which we will test how well they can match shapes by measuring speed and accuracy. The purpose of the two-part test is to help test if the music is too much of a distraction or will help the people be more efficient at their work. This is important because many people do their homework or jobs while listening to music and should they make a mistake, it could end up costing someone their grade or the mistake at work has a cascading effect to cause more errors in their work. The two-part test will help determine if there is a correlation between the effectiveness of music versus no music on cognitive response time and typing efficiency.

2 METHODOLOGY

methods test[1]

2.1 Participants

Participants

Permission to make digital or hard copies of all or part of this work for personal or classroom use is granted without fee provided that copies are not made or distributed for profit or commercial advantage and that copies bear this notice and the full citation on the first page. Copyrights for components of this work owned by others than the author(s) must be honored. Abstracting with credit is permitted. To copy otherwise, or republish, to post on servers or to redistribute to lists, requires prior specific permission and/or a fee. Request permissions from permissions@acm.org.
Conference'17, July 2017, Washington, DC, USA

© 2024 Copyright held by the owner/author(s). Publication rights licensed to ACM.
ACM ISBN 978-x-xxxx-xxxx-x/YY/MM
<https://doi.org/10.1145/nnnnnnn.nnnnnnn>

2.2 Apparatus

Apparatus

2.3 Procedure

Procedure

2.4 Design

Design

3 RESULTS AND DISCUSSION

Results and Discussion

4 CONCLUSION

Conclusion

REFERENCES

- [1] 2010. The Effects of Audio Distractions on Typing Speed. *Undergraduate Psychology Research Methods Journal* 1 (2010).