



# The Effect Of A Visible Timer on Writing Speed

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Thank You

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Due on May 4, 2025 11:59 PM

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## Submit Assignment

Files to submit \*

(0) file(s) to submit



# Raise Your Hand!

## How many do an assignment...

Same day it is assigned?

The day before?

3 hours before?

An hour before?



02

# Background

# Why Study Timers & Writing?



## Deadlines

“20 percent of all adults deal with procrastination”  
(Madiha-Hashmi, 2022)

# Why Study Timers & Writing?

## *“Timed Tests and Their Effect on Student Performance”*

- Measure between Time Pressure and Academic Performance
- Resulted in faster performance but lack of quality

(Browning, 2024)

## *The Impact of Clock Timing on VDT Visual Search Performance Under Time Constraint”*

- Measure between Time Pressure, Visual Task and Performance
- Results impacted by amount of pressure

(Hu et al., 2024)


03

R.Q/Hypothesis




Research Question: Does having a visible timer result in a greater number of words written during a timed writing task compared to writing without a visible timer?

Hypothesis: Participants will have a higher word count when responding to a prompt while having a visible timer present than when given a similar prompt and there is no timer.



04

# Methodology



23 Participants

Tasked to Answer Writing Prompt

15 second to brainstorm

Side A

If you could choose one invention to improve your daily life, what would it be, and how would it work?

A minute to write


15 second to brainstorm

Side B

What do you think would happen if the internet disappeared for an entire week? How would it affect the way you live and work?

A minute to write

Collect and Analyze



# 05 Results

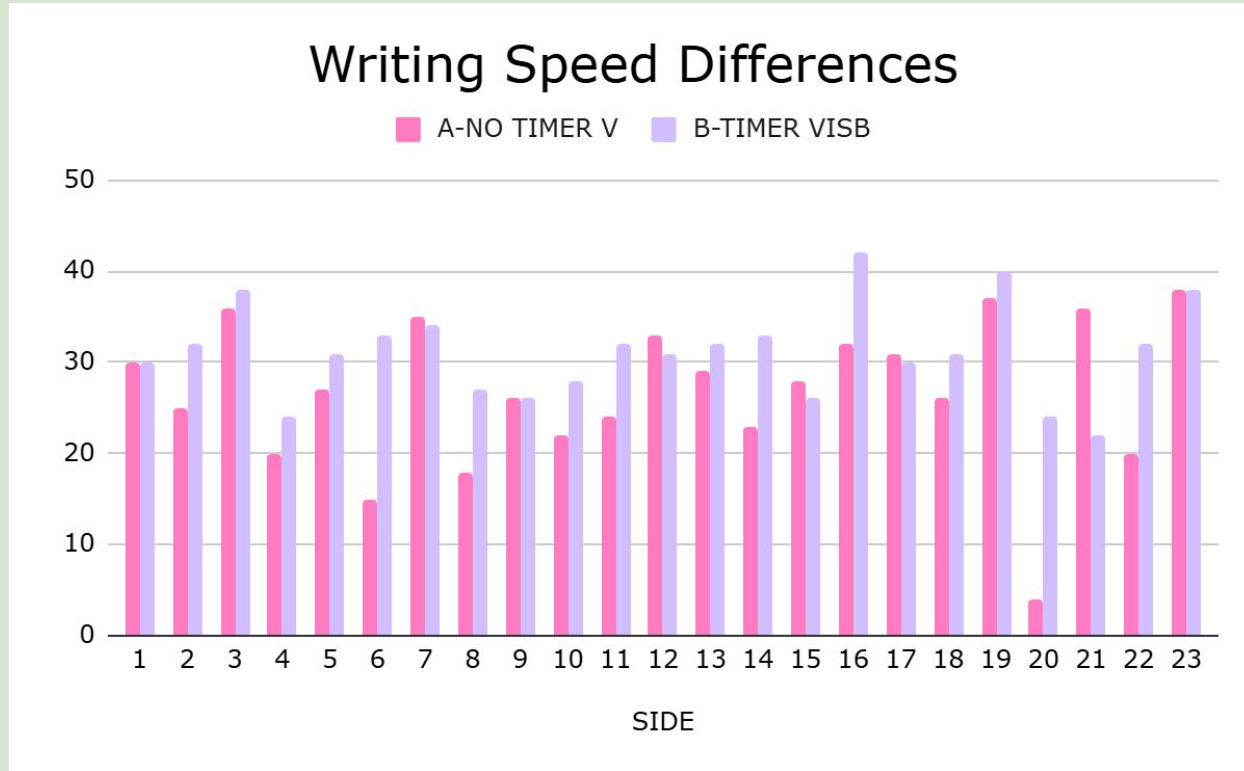
# Raw Data

SIDE	A-NO TIMER V	B-TIMER VISIBLE
	1	30
	2	25
	3	36
	4	20
	5	27
	6	15
	7	35
	8	18
	9	26
	10	22
	11	24
	12	33

# Raw Data Cont...

13	29	32
14	23	33
15	28	26
16	32	42
17	31	30
18	26	31
19	37	40
20	4	24
21	36	22
22	20	32
23	38	38

# Bar Graph





# SUM

Side A: 615

Side B: 716

# Mean

Side A: 27

Side B: 31



06

# Discussions

# Interpretation and Significance

Results explained?

Visible Timer Resulted in  
101 more...

Visible Timer Resulted in 4  
words more on per student...

Why was this Important?  
Visible Timers can increase  
writing


- Studying
- timed tests
- writing sessions

Hypothesis: Participants will have a higher word count when responding to a prompt while having a visible timer present than when given a similar prompt and there is no timer.

Was Supported! 

# Future Directions/Limitation

- small sample size
- short task duration
- Quantity vs Quality
- Add short 2-3 question survey



07

Thank You!

# Work Cited

Browning, A. J. (2024, June 6). *Timed Tests and Their Effect on Student Performance*. Fresh Writing.

<https://freshwriting.nd.edu/essays/timed-tests-and-their-effect-on-student-performance/>

Connelly \*, V., Dockrell, J. E., & Barnett, J. (2005). The slow handwriting of undergraduate students constrains overall performance in exam essays. *Educational Psychology*, 25(1), 99–107. <https://doi.org/10.1080/0144341042000294912>

Hu, J., Chen, Q., Lu, D., & He, J. (2024). The impact of clock timing on VDT visual search performance under time constraint. *Frontiers in Psychology*, 15. <https://doi.org/10.3389/fpsyg.2024.1369920>

Madiha-Hashmi. (2022, November 30). *30+ Procrastination Facts and Statistics You Were Not Aware Of - Quidlo*. [Www.quidlo.com](http://www.quidlo.com).  
<https://www.quidlo.com/blog/procrastination-facts-and-statistics/>

The background of the slide is a dense, overlapping collage of numerous analog watches. The watches have various face colors including white, pink, green, blue, and yellow. They feature black hands and hour markers, with some having additional sub-dials. The watches are arranged in a way that they appear to be scattered across the entire surface, creating a busy, textured background.

# Thank You for Listening!

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