

# DOES POSTURE AFFECT READING?

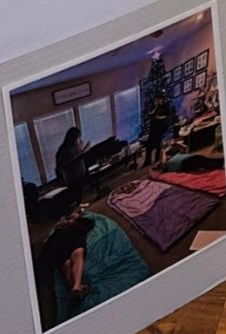
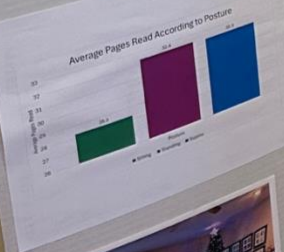


## DATA

Pages Read by Participant per Posture

Participant #	Name	Age	Pages Read - Sitting	Pages Read - Standing	Pages Read - Supine
Participant 1	Victoria B	13	28	30	19
Participant 2	Erin S	12	22	21	20
Participant 3	Hayden B	13	18	18	20
Participant 4	Elton B	13	69	35	14
Participant 5	Alana S	13	32	24	20
Participant 6	Connor B	13	23	27	12
Participant 7	Zoe K	11	28	49	28
Participant 8	Kylee D	11	34	38	28
Participant 9	Sophia H	12	39	23	19
Participant 10	Chanel H	12	21	23	19

## GRAPH



## Procedure

1. Have everyone read, in a sitting position, for 30 minutes
2. Record the amount of pages completed, no half pages, for each person
3. Have 2 people read, in a supine posture, for 30 minutes, have the other 3 read standing for 30 minutes
4. Record the amount of completed pages, for that round, for each person
5. Have 3 people read, in a supine posture, for 30 minutes, have the other 2 read standing for 30 minutes
6. Record the completed pages read, for that round, for each person
7. Find the average of each pages read per posture
8. Find out if hypothesis was supported or not

## PROBLEM

Does posture affect the pages read in 30 minutes?



## HYPOTHESIS

If the absolute value of a degree increases 90° from 90°, then the amount of pages read will decrease because the unfamiliar posture will distract one from reading.

## VARIABLES

Independent Variable:  
The posture the participant is in

Dependent Variable:  
The pages read according to the posture

## Materials

- ❖ 5 copies of "Where the Red Fern Grows"
- ❖ 10 participants
- ❖ 3 sleeping bags
- ❖ 5 chairs
- ❖ Data tables
- ❖ Graph
- ❖ Pencil or pen to record data



## Conclusion

- ❖ The data showed that standing posture had the highest average pages read.
- ❖ This shows that the hypothesis was not supported, because if it was, then sitting posture would have the highest average pages read.
- ❖ Errors made in the experiment included 2 participants completing the experiment at a later date, and performing the experiment at different hours of the day.

## EXTENTISON

- ❖ If the experiment was to be run again, then I would change it to be where the experiment was run at the same time of day, and made sure everyone who was participating, was able to participate on the same day

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