



OPPONENT FOR PROBLEM 2

IYNT LaGrands

Opponent: Nikolaos Serifovits



Problem Statement

Theory

Experiments

Missing points

Suggestions

Discussion

If volunteers of **different age groups** are challenged to dial a number on a rotary phone, it may turn out that some age groups are **unfamiliar** with the old technology.

Obtain statistical data in controlled conditions and discuss the results.



THEORY

STRENGTHS - WEAKNESSES

- Somewhat qualitative explanation of the statistical data analysis
- Interesting connection of the correlation with the report
- Well-structured presentation
- Included useful report summary

- She didn't include the steps for the proper way to use the rotary phone
- No hypotheses clearly stated for the better understanding of the expectations of the experiment



EXPERIMENTS - HYPOTHESES

Strengths - Weaknesses

- Good experimental procedure with enough volunteers (along with presentation of the CLT)
- Sufficient presentation of the survey they conducted
- Qualitative explanation of the experimental procedure
- Sufficient control of the environmental conditions
- Mentioned the repeatability

- Didn't repeat the experimental procedure enough times for valid results
- No data of the experimental procedure
- Somewhat confusing graphs of the results
- Uninsufficient presentation of how she determined a successful try



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MISSING POINTS

- No clear statement of how she determined a successful try
- More theory about some points of the basic theory of the presentation



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SUGGESTIONS FOR FURTHER IMPROVEMENT

- Be more specific in the presentation (was the same number calculated)
- Could have more thoroughly examine more variables especially when talking about different age groups (ex. Parkinson's, Alzheimer)





THANK YOU FOR YOUR ATTENTION!

