



جامعة مصر للمعلوماتية
EGYPT UNIVERSITY
OF INFORMATICS

Egypt University of Informatics
Computer and Information Systems
Data Analysis Course

Analysis of Genetics and Personality traits

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Introduction

This document provides an overview of the survey on Genetics and Personality Traits. It aims to gather insights into perceptions regarding the influence of genetics on personality traits. Thank you for your attention to this matter.

Research Question

To what extent do individuals perceive genetics as a significant factor in shaping various personality traits, and how do they believe this influence is evident in their own lives and families?

Hypothesis

I hypothesize that a majority of individuals will perceive genetics as playing a significant role in shaping personality traits, with many believing that these influences are observable within their own lives and families.

Population of Interest:

adults aged 18 and above

Sampling Method:

Convenience sampling was employed for this study. This method was used because it is **Cost-Effective** and for its **Quick Data Collection**

Bias Identification:

Bias in this data is that people under the age of 18 could be selected by mistake and people selected has to be actively online on social media while people who are not active on social media are not selected.

Survey Questions:

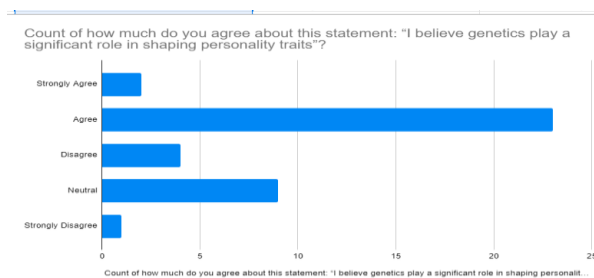
1. how much do you agree about this statement: "I believe genetics play a significant role in shaping personality traits"?
2. do you think your family's personality traits have had on shaping your own personality?
3. In your opinion, do you think personality traits like are mainly influenced by genetics or by the environment?
4. Have you ever wondered whether certain personality traits run in your family?
5. Would you be interested in learning more about how your genes influence your personality?

Online survey link: <https://forms.gle/j9kHARpG31KB4aHKA>

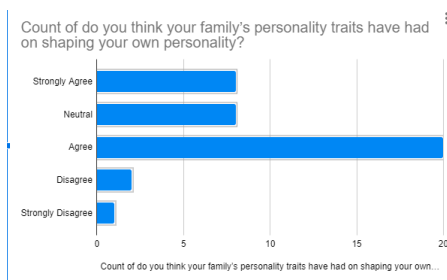
Number of samples collected: 39

Analysis:

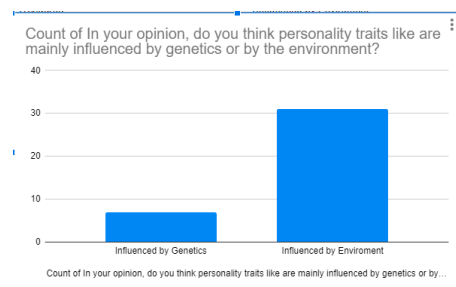
In question 1 more than 50% agree with the relation between the genes and personality



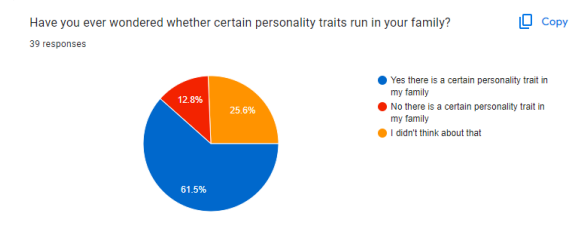
In question 2 there is a suggestion that there is a division in opinions among participants, with a significant portion acknowledging the influence of familial traits on their own personality development. However, it's important to consider the specific wording and context of the survey question, as well as potential variations in interpretation among respondents.



In question 3 About 80% of respondents believe personality traits are mainly influenced by the environment rather than genetics



in question 4 a lot responded with that there is a lot of personalities are inharited In there family



Conclusion

In the survey, many people agreed that genetics are important for personality. Some said it's mostly genetics, while others thought both genetics and the environment matter. People also mentioned their families and wondered if certain traits run in the family. Overall, there was interest in learning more about how genes affect personality."

Any potential issues

The bias in the data could destroy the data.