



Topic 15 : Tasting Food

Opponent: Pavlos
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International Young Naturalists' Tournament



Task



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Volunteers are given the task to judge the taste of food samples using a quantitative parameter. The results may depend on multiple factors (e.g. hunger or satiety, age of individuals, or temperature of food). Is it possible to detect statistically significant differences? Propose a study concerning the perception of taste.

Theory



Strengths

Parameters mentioned/elaborated - age, gender, hunger level, temperature

Weaknesses

Did not mention Fifth taste - Umami

Focuses on **theory** and other research rather than the experiment

Too much text - tiring to read

Experiment



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Strengths

Weaknesses

Did not conduct experiment-all results are from theory

Did not mention age, sex, hunger level

hypothesis

Method and materials missing

Results



Strengths

Supported by theory

Weaknesses

Unreliable-as didn't mentioned controlled variables

-also didn't mention source they got the results from

No data / analysis

Conclusion



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Strengths

Weaknesses

No evaluation

No errors mentioned

No references

Suggestions/Improvements



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- Better time management—briefly explain your theory and focus on your experiment and results
- Conduct an experiment using scientific method
- Cite sources