

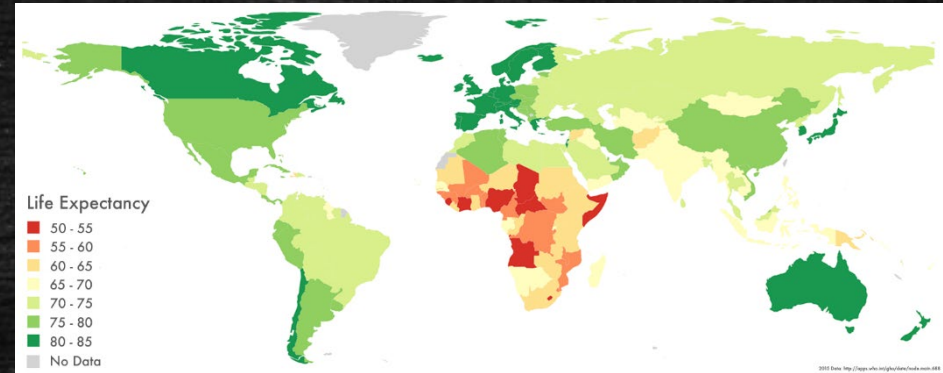
Introduction to Lifespan Development

What is lifespan? How is lifespan different from life expectancy?

lifespan



life expectancy



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Contextual Influence on Lifespan Development

Age-Graded Influences

- Specific age group

History Graded Influences

- Your cohort

Non-Normative Life Influences

- Unique experiences

Table 1.1 Which generation (cohort) are you?

Generation	Born between ...
Silent Generation	1928 and 1945
Baby Boomers	1946 and 1964
Generation X	1965 and 1980
Millennials	1981-1996
Generation Z	1997-Present

[Source](#)

Ethical Considerations



Twenty Years of Followup Experience In a Long-Range Medical Study

By EUNICE RIVERS, R.N., STANLEY H. SCHUMAN, M.D., LLOYD SIMPSON
and SIDNEY OLANSKY, M.D.

ONE OF THE longest continued medical surveys ever conducted is the study of untreated syphilis in the male Negro. This study

At Tuskegee, each of the 600 patients initially was given a complete physical examination, including chest X-rays and electrocardiograms.

Tuskegee
Syphilis
Study
Clinical Trial
Medical
Treatment
Bad Blood
Columbus
Debate
bacterium
Legacy
Alabama
1932-1972
US Public Health Service
Chancre
Treponema Pallidum
Modern
Spiral-shaped
African American

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Experimental Research Methods



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- Control group
 - Does not receive the treatment the experimenter is studying as a comparison
- Experimental group
 - Receives the treatment
- Dependent variable
 - Measured by the experimenter
- Independent variable
 - Manipulated by the experimenter



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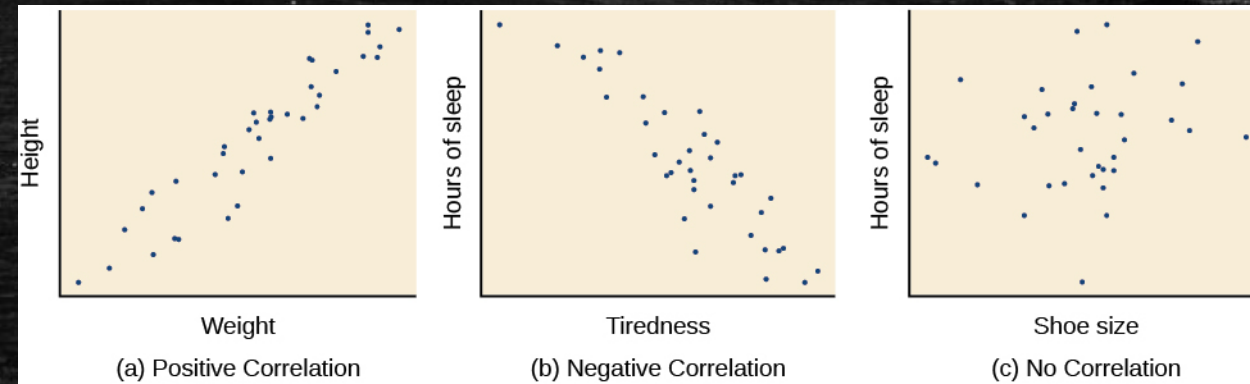
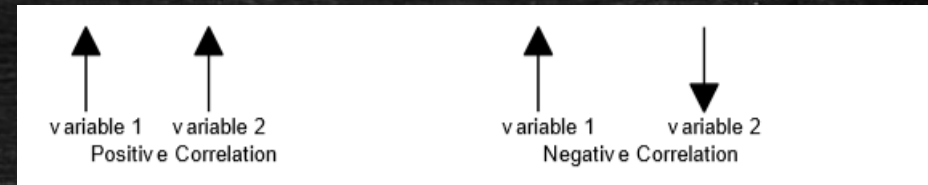
Identify the components of the experiment

Identify the:

- Control group
 - Experimental group
 - Independent variable
 - Dependent variable
 - What should Cookie Monster's conclusion be?
 - How could this experiment be improved?
- Cookie Monster thinks that a special juice will increase the productivity of cookie making. He creates two groups of pastry cooks each and assigns each group the same task (in this case, they are supposed to mix cookie dough). Group A is given the special juice to drink while they mix. Group B is not given the special juice. After an hour, Cookie Monster counts how many cookies each group has made. Group A made 1,587 cookies. Group B made 2,113 cookies.

Understanding Correlations

- Correlational studies show relationships between variables. If high scores on one variable predict high scores on the other variable, the correlation is positive. If high scores on one variable predict low scores on the other variable, the correlation is negative.
- Showing that two variables are related does not justify claiming that a causal relationship exists. There may be a causal relationship, but other explanations usually exist. For example, the variables may be related because both have a causal relationship with a third variable.



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Correlational Study

A study of married couples showed that the longer they were married the more similar their opinions on social and political issues. Is the correlation positive, negative, or no correlation? Provide and explanation. What would a graph look like?

