

National university - Sudan

**Faculty of Medical Laboratory Sciences**

**Batch 9 - Third year (sem. 6)**

**Introduction to Research – MLS – RESH -326**

# **Variables**

**Lecture {8,9}**

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## Variables

- It is measurable characteristics that varies it may change from group to group over time.



## Example of independent variable

- The scientist conducts an experiment to test the theory that vitamin extends a person's life expectancy

The independent variable is the amount of vitamin given to the subjects

## Dependent variables

- The factor that is measured or observed .
- Eg. The scientist conducts an experiment to test the theory that vitamin extends a person's life expectancy.
- The dependent variable is life expectancy