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Independent and Dependent Variables

- There is a relationship between independent and dependent variables
- Independent
 - Independent variables cause an effect or change.
 Produces an effect in the dependent variable*
- Dependent
 - The variable that is changed, affected by the independent variable. Can also be called the outcome
 - ***note-not all relationships are from a manipulated change in the independent variable. Sometimes there is a description of the naturally occurring relationship





Examples: Independent and Dependent Variable Question Statements

- What is the effect of daily exercise on glucose levels in adolescents with type I diabetes?
- What is the effect of heart failure self-management education on a patient's knowledge level and readmission rate to the hospital?
- For term, stable infants, is there a relationship* between immediate skin-to-skin contact after birth and exclusive breastfeeding at 2 months of age?

*a naturally occurring, described relationship















