

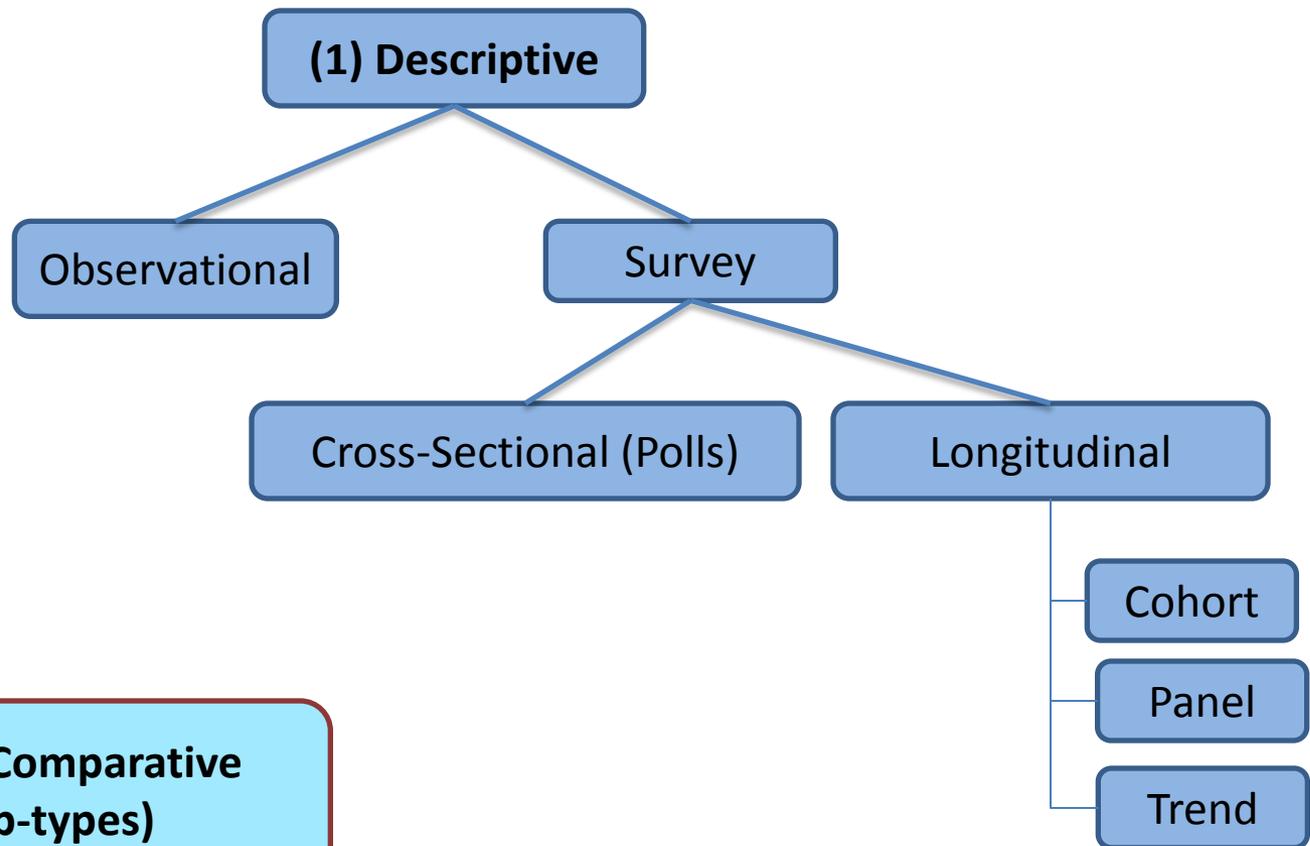
# Types of Research

General diagram

**EDF 6481**

Flow chart by  
Dr. Stephen Sivo  
(updated 03/26/12)

Powerpoint by  
Edwin Benitez Jr



**(2) Casual Comparative  
(no sub-types)**

### (3) Experimental

Post Test Only  
Control Group

Pretest Post Test  
Control Group Study

Solomon 4 Group  
Experimental Pre and Post Test  
Control Pre and Post Test  
Experimental Post Test  
Control Post Test

Will not be tested  
In this course

### (4) Quasi Experimental

One Group Pretest – posttest design

Static-group comparison design

Nonequivalent control group design

### (5) Correlational

Linear Regression

Multiple Regression

Logistic Regression

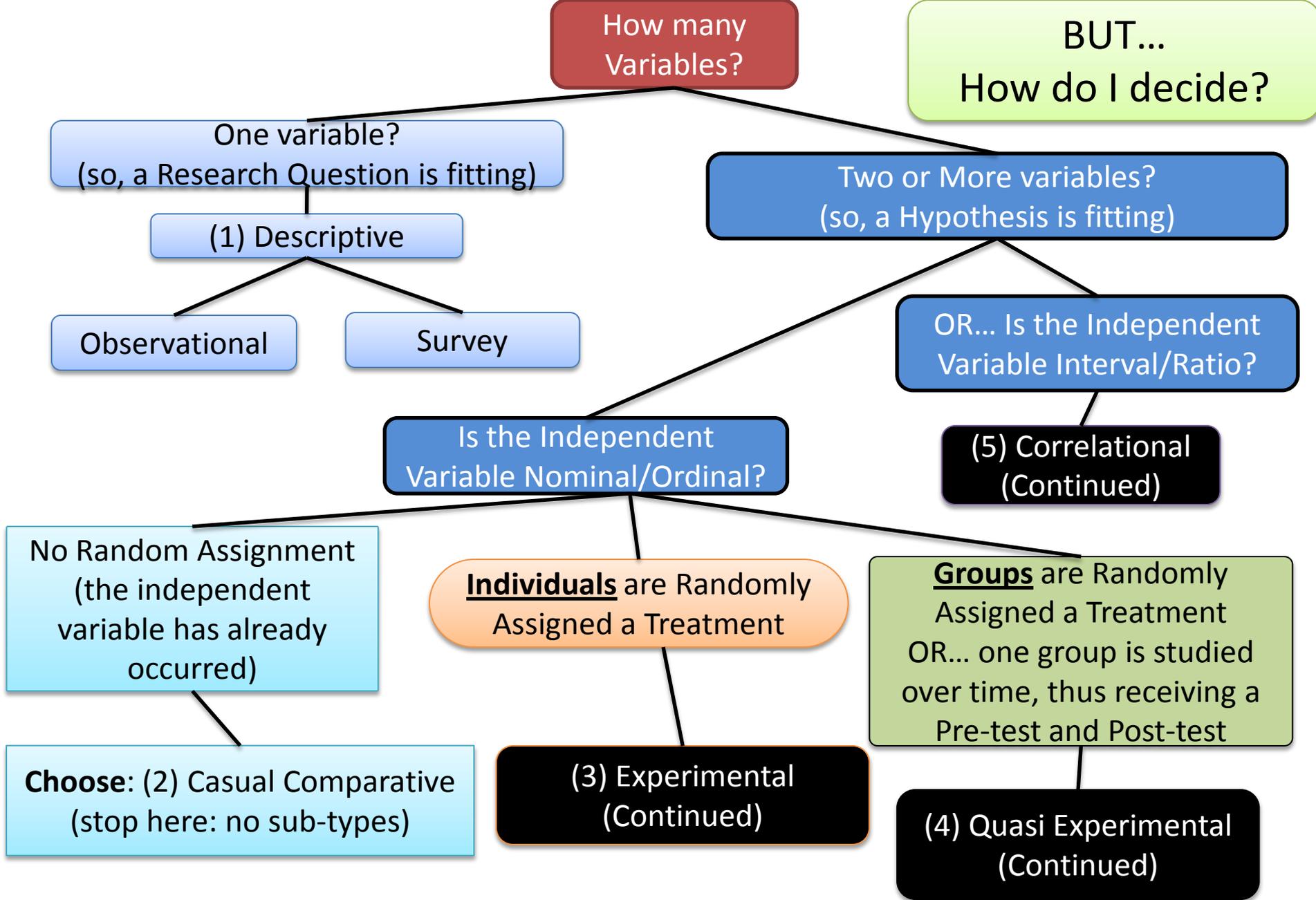
Discriminant Analysis

Path Analysis

Exploratory Factor Analysis

Confirmatory Factor Analysis

Structural Equation Modeling



If (3) Experimental...  
which condition is true?

Pretests are NOT given  
to any of the groups  
being compared

**Choose:**  
Post test only control  
Group design

Pretests ARE given to  
ALL groups of people  
compared

**Choose:**  
Pretest-Posttest control  
Group design

Pretests are given to 2  
of 4 Groups of people  
compared

**Choose:**  
Solomon 4  
Group design

If (4) Quasi Experimental...  
which condition is true?

NONE of the Groups of  
people compared  
receive Pretests

**Choose:**  
Choose Static-group  
comparison design

ALL Groups of people  
compared receive  
Pretests

**Choose:**  
Nonequivalent control  
group design

ONE group of people  
are evaluated  
OVER TIME

**Choose:**  
One Group  
Pretest-Post Study

