

What type of relationship  
is being examined?

**Dependence**

How many variables  
Are being predicted?

Multiple relationship  
Of dependent & inde-  
pendent variables

**Structural equation  
Modeling**

Several dependent  
variables in single  
relationship

What is the  
measurement  
Scale of the  
dependent variables

Metric

What is the  
Measurement  
Scale of the  
predictor  
variable?

**Canonical  
Correlation  
Analysis**

Nonmetric

**Canonical  
correlation  
analysis  
with dummy  
Variables**

**Multivariate  
analysis of  
variance**

One dependent  
variable in a single  
relationship

What is the measure-  
ment scale of the  
dependent variables?

Metric

**Multiple  
regression**

**Conjoint  
analysis**

Nonmetric

**Multiple  
discriminant  
analysis**

**Linear probability  
models**

**Interdependence**

Is the Structure of  
Relationships among:

Variables  
**Factor analysis**

Cases/Respondent  
**Cluster analysis**

Object  
How are the  
attributes  
measured?

Metric

**Multidimensional  
scaling**

Nonmetric

**correspondence  
analysis**