Contingency Table

(Also referred to as cross tabulation or cross tab)

1. Definition and Rationale

In Statistics, a *Contingency Table* is a table of data used in the study of correlation of qualitative (categorical) variables. Is there a relationship between Variable A and Variable B?

Typically, the row entries tabulate the data according to one variable and the column entries tabulate it according to another variable. While two variables are common, the contingency table can have more than two variables.



Fig. 1. Contingency Table. The purpose is examine relationships of qualitative variables. Is variable #1 (investment type) correlated with variable #2 (age).

- 2. Facts
- 3. Building CT
- 4. Examples