## Conjoint Analysis

Rest. 1 P2

P1 P2

P1 P2

T1 R2

T1

$$U(X) = \sum_{i=1}^{m} \sum_{j=1}^{ki} Z_{ij} \lambda_{ij}$$

ith characteristic

jth level

Nij - 0,1

$$W_i = \frac{I_i}{\sum_{i=1}^{\infty} I_i}$$
, s.t.  $\sum_{i=1}^{\infty} W_i = I_i$ 

What for? Delative Importance et attributes 2) Estimate market share of a brance that differ in attribute level ef the most preferred brand (e) Montet segment at ion based on similar preferences for attribute level

Attributes Type Loc. Price #  $U = \begin{cases} 30 + 3, & 1 \\ 1 & 1 \\ 1 & 1 \end{cases}$   $V_{12} = \begin{cases} 30 + 3, & 1 \\ 1 & 1 \end{cases}$   $V_{2} = \begin{cases} 30 + 3, & 1 \\ 1 & 1 \end{cases}$  $\frac{d_{11}}{d_{12}} = \frac{d_{13}}{d_{13}} = \frac{d_{12}}{d_{13}} = -0.5$ W= fro + fro X, + fro X2 U = d, X, + d2 X2 + d2 · (1-X1-X2)

$$W_{T} = \frac{13}{4.5} \approx 28\%$$