









# BASES II

- · Stage 1 (Before-use measure)
  - Shopping mall intercept interviews at four or more geographically dispersed cities
  - Respondents are not screened for category usage.
  - After presenting a product/service concept to respondents, the interviewer asks a set of questions such as like/dislike, trial Intent (binary measure), purchase intent (binary and/or Likert scale), and purchase quantity/frequency of the product category.
- Stage 2 (After-use measure)
  - After several weeks, users are called on the phone to obtain after-use measures, which include some of before-use measures and repurchase intent.

### How to Use BASES II?

- · Use sensible discounting factors
  - the top box rule
  - Study a few similar product categories
     Use multiple discounting factors
  - Optimistic and pessimistic sales forecast
- The most difficult part is the estimation of awareness
  proportion, which depends on marketing plan.
  - How to find a good estimate on the relationship between marketing activities and awareness level?
  - e.g. Ad expenditure and Awareness level

#### How Well Do BASES II Work?

- In 1986 SAMI/Burke brochure,
   "... we have established a validation database of over 200 cases. Based on our validation in the 1980's, 90% of our forecasts (sales volume, as well as trial and repeat rates) were within 20% of actual volume, and over half were within 10%.
- NEWS: 18.5% (n=22 cases)
- ASSESSOR: 21.5% (n=44 cases)

#### How to Use BASES II? (cont'd)

- Relationship between Ad expenditure and Awareness level
  - Select similar product categories
  - collect data of current ad expenditure and awareness data of brands in these product categories
    - · Ad expenditure data are readily available
    - If it is difficult to get current awareness rate data, measure awareness of these brands during shopping mall intercept study at the stage 1.
  - Pool all collected data and run a regression:
    - Awareness =  $\mathbf{0}$  +  $\odot$  ×ln(ad expenditure)+error

## BASES II (cont'd)

- Since SAMI/Burke had an extensive database of thousands of tests across many product categories, they could make a good inference on:
  - Relationship between marketing expenditures and Awareness
  - Relationship between Awareness and Trial intent
  - Relationship between (Likert-scale) purchase intent and real trial
  - Relationship between (reported) repurchase intent and real repurchase rates
- The database could help them a lot because subject's responses given a simple product/service concept typically suffered from over-estimation. The database allowed them to find good sales estimates through a discounting process.