

Table Olives
Understanding the 'algebra of the consumer mind'

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# Knowledge Warehousing ... The Concept

- Most companies need insights about customers
   ... to better run their business
- Many companies have reams and reams of studies
- A few companies have systematized their insights
- No one has ongoing, inexpensive, powerful way to develop insights

### Platform & Principles

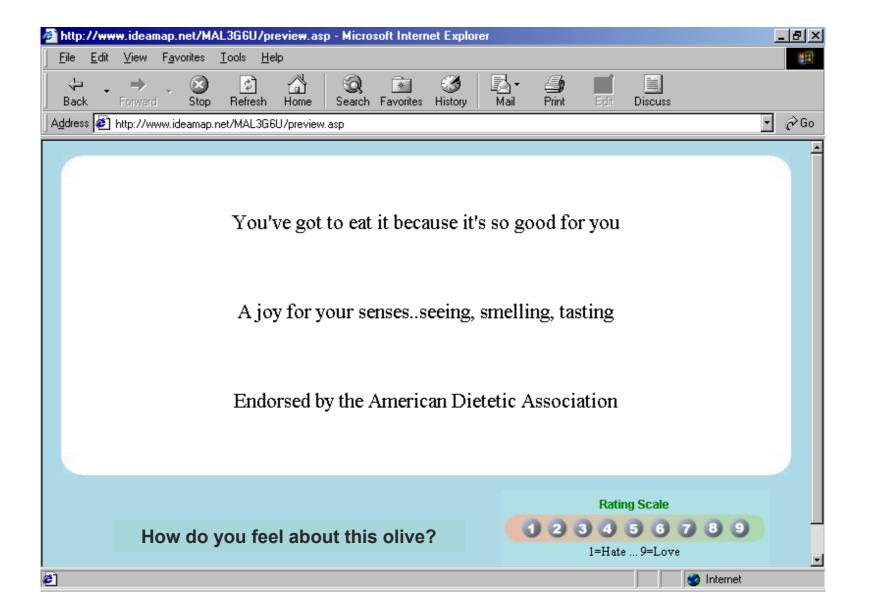
#### Four Platforms

- MEGA: Create databases, from 'mega studies' in a category (e.g., shopping experience)
- META: Database covers relevant aspects of product or service.. Similar pattern across different studies within MEGA
- IMPACT: Hot buttons' or 'utilities' for elements, in easy accessible format
- CLASSIFICATION: Powerful classification, in addition to conjoint

# Principle #1 ... Stimulus - Response

- Point of view ... consumers can't tell exactly what they want ... but they can easily react
- Give them descriptions or vignettes
- Get ratings of interest, relevance...
- Look for 'key drivers
- These are worthy of further attention

### Example Of A Concept Or Vignette



# Principle #2 Systematic design ... Better chance to uncover patterns

- Conjoint measurement ... well known research tool
- Create a basic design of inputs ..
   Categories... that transcend products
- Here are the categories ... or 'silos'
- Each silo contains different kinds of stimulus elements ... description, product, etc.

### Example Of A Concept Or Vignette

# Put in architecture of olive

## Each Person Sees A Different Set Of Computer-Created Concepts

- Rationale ... make sure that all elements are balanced
- And ... make sure that no one combination that is accidentally 'very good' or 'very bad' has a chance to influence the results
- Outcome ... low effort in design (just enter elements), insurance (high quality results)

# Principle #3 Statistical Modeling

- Goal = discover relations
- E.g., what are the drivers
- Put in 'knowns' (elements) in different combinations
- Get response (e.g., craving; healthful) to the combination
- Relate elements to ratings by regression

## Principle #4 ... Do large scale test for 'meta' results

- Why ... to uncover patterns
- What ... across products
- Who... across types of people
- How .. by Internet, using easy self-authored conjoint system (IdeaMap®.Net™)

# Principle #5 - Make It Easy To Set-Up, Run, Participate In Study

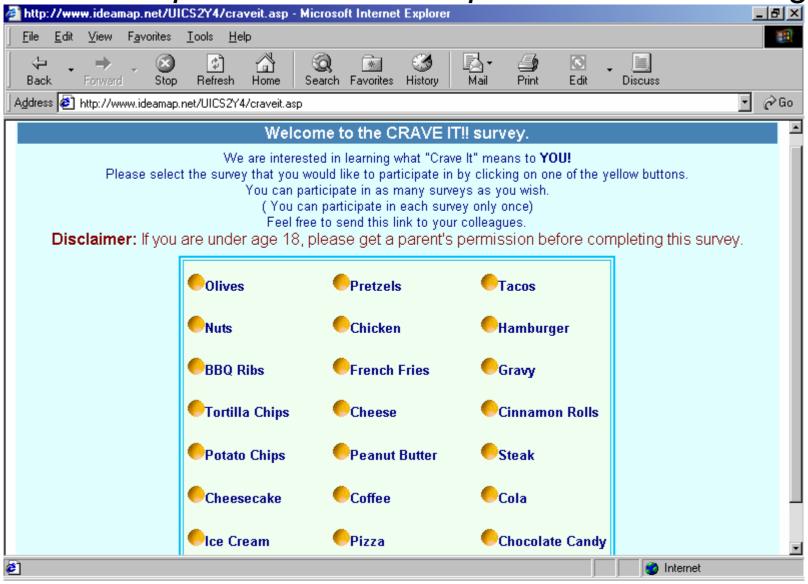
- Easy
- Rapid
- Broad Reach
- Cost-effective
- Fast ... no worry that we forget why we are doing the study as we 'plod through' ... ten days
- An individual can participate in multiple studies

### Rationales For Internet Work

- Internet interview is now legitimate and endorsed by many well-respected, research-savvy companies (e.g., P&G, General Mills)
- Data often parallel those of central location or phone
- Web allows wider reach of respondents, faster, easier fielding
- No worry that we forget why we're doing the study because it takes too long

### Study "Wall"

Participant chooses a topic that is interesting



### Principle #6 Use Same Classification Questionnaire

- Create one powerful, comprehensive classification questionnaire applicable to ALL food categories
- Rationale ... can tell us a lot about the person ...just by itself (attitudes)
- Can also be used to divide people into subgroups (e.g. gender, age, income, whether managing or concerned about health conditions ...)

### Choose what is important in olives

### Choose '3 most important out of 12'

Taste	89%
Appearance	51%
Texture	33%
Aroma	29%
Mood	28%
Memories	14%
Brand	14%
Portion size	14%
Social situation	8%
Associations	4%
Advertising	2%
Packaging	2%

### **Key Results**

**Table Olives** 

### Let's look at some data We're going to look at some 'utilities'

How to understand what you will see

#### Additive constant

- Odds or number of participants out of 100 who would be interested in the idea of an olive .. Even without any other information
  - Norms 0-30; 30-60; 60-90 (low, medium, high)

#### Ultilities

- Percent of people who would be interested in the olive idea if the element were added to a concept
  - Norms >6 are good > 10 are great
  - Norms < 0 is poor, avoid</li>

### How sensory descriptions perform

Females more interested\*, but also more judgmental\*\*

	Tot	Mal	Fem
Additive Constant (Basic interest)	36	24	39
Meaty ripened olives ready to stick on your finger or pop			
in your mouth	9	11	8
Whole black olives without the pits	7	8	7
Green fleshy olives with that salty taste	6	8	5
Fleshy, jumbo olives with the bitter, salty note	4	7	3
All sizes of green and black olives in olive oil with lots of			
herbs and spices	2	6	0
Medium size glistening olives with the briney taste of salt			
and garlic	-1	5	-3
Cracked olives, a delicacy flavored with herbs, spices,			
and a tasty marinade	-5	3	-8
Olive paste with lots of chopped olives	-15	-11	-16
Small dark wrinkled olives marinated with hot pepper			
flakes	-19	-4	-24

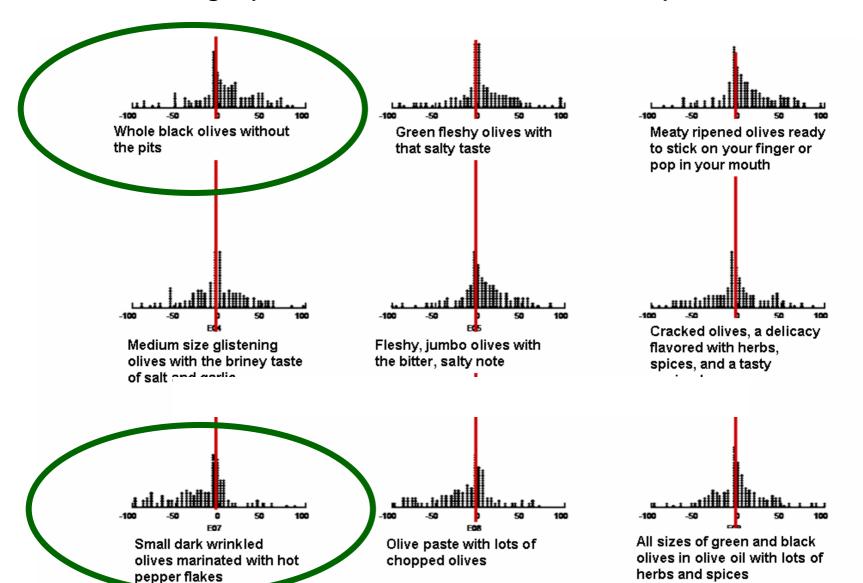
<sup>\*</sup> Higher additive constant ... but \*\* Lower utilities, and far more negative

### Let's look at individual variation

- Look at the utilities for the 9 flavor descriptions
- Question ... is there a normal distribution with lovers and haters?
- Or do some descriptions really turn off consumers
- Olive lovers (or at least those who select)
  - Generally like the black olives
  - But really divide on the hot, marinade, spicy olives

### Distribution of utility values

Each graph is one of the 9 food descriptions

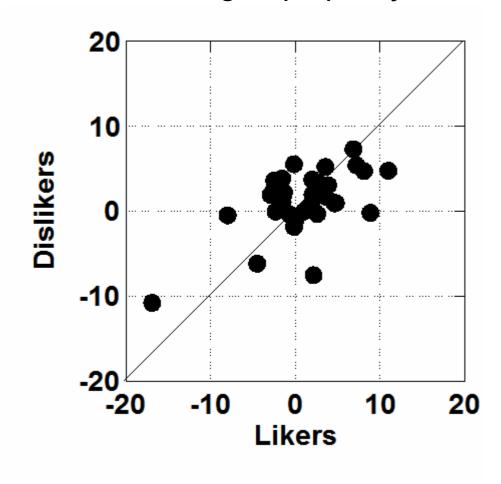


### What about 'attitudes' towards olives Do likers and dislikers (by attitude) differ?

- Ask people how much they like olives
  - Use the FACT scale (Schutz, 1965)
  - Eat every time offered to never eat
  - Mixes liking and frequency
- Most people like olives
  - That's why they chose to participate
- But dislikers and likers are similar in patterns
  - Not identical
  - But not radically different either

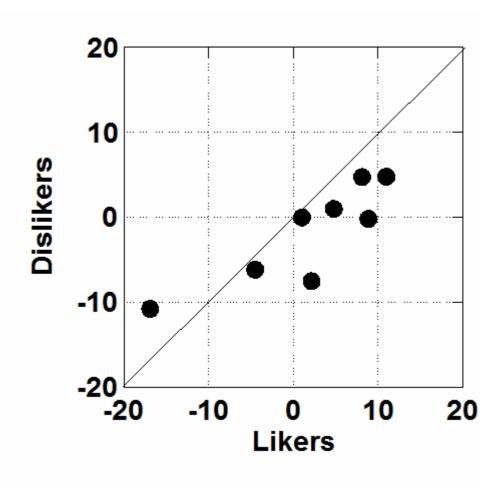
### Utilities for likers and dislikers

All 36 elements for olives .. Pretty similar Winners for both groups pretty similar



### Food descriptions -- likers and dislikers

Similar for the 9 'food descriptions' (silo #1)
Winners for likers are the same as for dislikers .. Just the numbers are
different (likers always more positive)



# What about attitudes .. Again Choose what sensory aspect is improtant (appearance, aroma, taste, texture)

Let's look at people who say that sensory characteristics are important

People 'do know' what they like

If they like appearance, they respond to appearance statements

### Do people know themselves

Appearance is important	
Any size you want small, medium, large, jumbo you name it!	10
Extra large and nicely salted with the stuffing you want garlic, pimentos, almonds whatever	10
Aroma is important	
Green fleshy olives with that salty taste	12
Meaty ripened olives ready to stick on your finger or pop in your mouth	12
Extra large and nicely salted with the stuffing you want garlic, pimentos, almonds whatever	11
Texture is important	
Meaty ripened olives ready to stick on your finger or pop in your mouth	14
Green fleshy dives with that salty taste	14
Extra large and nicely salted with the stuffing you want garlic, pimentos, almonds whatever	13
Whole black olives without the pits	12
Any size you want small, medium, large, jumbo you name it!	10
Taste is important	
Meaty ripened olives ready to stick on your finger or pop in your mouth	10

### Some people said that 'mood' is important

So .. What elements scored well in the concepts

- For those who said 'mood is important' ..
   Nothing much really did well
  - Except real craving "you just have to have it"
  - It's about craving, desiring
- For those who didn't choose mood
  - It's about sensory pleasure

### Mood is important to some, not others

What else is relevant to those who are influenced by mood?

What died is relevant to these who are initiations	Yes	No
Additive constant (basic interest)	39	34
Yes Mood is important		
When you think about it, you have to have it and after		
you have it, you can't stop eating it	7	0
Green fleshy olives with that salty taste	7	6
No Mood is not important		
Meaty ripened olives ready to stick on your finger or		
pop in your mouth	5	11
Extra large and nicely salted with the stuffing you		
want garlic, pimentos, almonds whatever	3	8
Whole black olives without the pits	5	8
Any size you want small, medium, large, jumbo		
you name it!	5	7
So good you practically have to lick your fingers &		
lips twice after each bite	-2	6
Green fleshy olives with that salty taste	7	6

### So it looks like we can find differences if we want

But what about really different groups

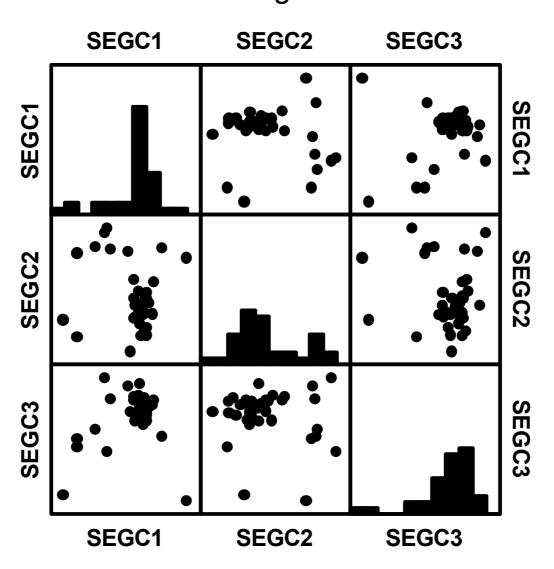
Different 'olive mind-sets'

### The three segments

- We don't see very much difference between groups of people
  - Males versus females
  - Younger versus older
- Yes.. Of course there are some differences
  - But hard to explain
- How about groups with real differences in patterns
  - We have found these before
  - We look at the <u>patterns of their utilities</u>
- And we find three groups
  - Classics like the traditional type of olive
  - Imaginers talk about the situation
  - Elaborates paint word pictures of product

### Segments are really distinct mindsets:

What appeals to one segment does not appeal to the other two segments



	Total	Classics	Elaborates	lmag- iners
Base Size	168	70	71	27
Constant	36	44	22	50
Segment #1 ("Classics")				
Whole black olives without the pits	7	18	15	-42
Meaty ripened olives ready to stick on your	9	8	18	-12
finger or pop in your mouth				
Segment #3 ("Imaginers")				
Green fleshy olives with that salty taste	6	-13	22	15
From your favorite grocery store	3	0	3	12
Extra large and nicely salted with the	7	-5	17	11
stuffing you want garlic, pimentos,				
almonds whatever				

	Total	Classics	Elaborates	lmag- iners
Base Size	168	70	71	27
Constant	36	44	22	50
Segment #2 ("Elaborates")				
All sizes of green and black olives in olive oil with lots of herbs and spices	2	-12	23	-20
Green fleshy olives with that salty taste	6	-13	22	15
Medium size glistening olives with the briny taste of salt and garlic	-1	-17	18	-9
Meaty ripened olives ready to stick on your finger or pop in your mouth	9	8	18	-12
Fleshy, jumbo olives with the bitter, salty note	4	-11	18	5
Extra large and nicely salted with the stuffing you want garlic, pimentos, almonds whatever	7	-5	17	11
Cracked olives, a delicacy flavored with herbs, spices, and a tasty marinade	-5	-24	17	-13
Whole black olives without the pits	7	18	15	-42
Premium quality that great classic taste like it used to be	4	-2	10	6