

MOVING FORWARD: NEW METHODS FOR CUSTOMER ENGAGEMENT

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Why Look Further?

- We require more of end users as energy and climate goals increase
- The energy landscape is changing dramatically
- To rise to these challenges, we need more sophisticated research techniques
- Increasingly, we need to move to a more one-to-one understanding of end-users
- Learnings from other fields can help get us there



New Approaches for New Insight

- Consumer Product Marketing: Latent Class Discrete Choice Analysis (LCDC)
- Political Science: Micro-Targeting
- Human Development: Latent Growth Curve Analysis



Consumer Product Marketing: LCDC





Consumer Product Marketing: LCDC

 Latent Class Discrete Choice Modeling generates customer segments by identifying product attribute preferences through trade-off analysis









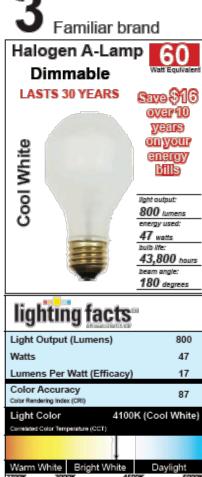
Consumer Product Marketing: LCDC

Online retail store



Online lighting-only





Lighting store

4	Online lighting-only	
	store	
	Unfamiliar brand	
LE	D A-Lamp	75

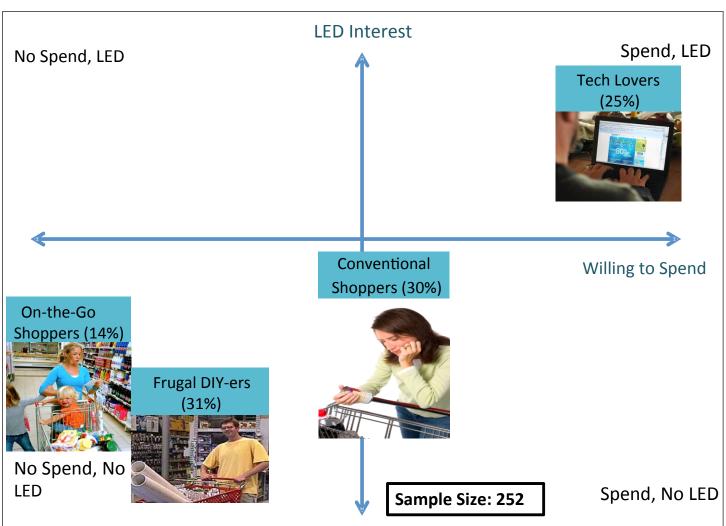




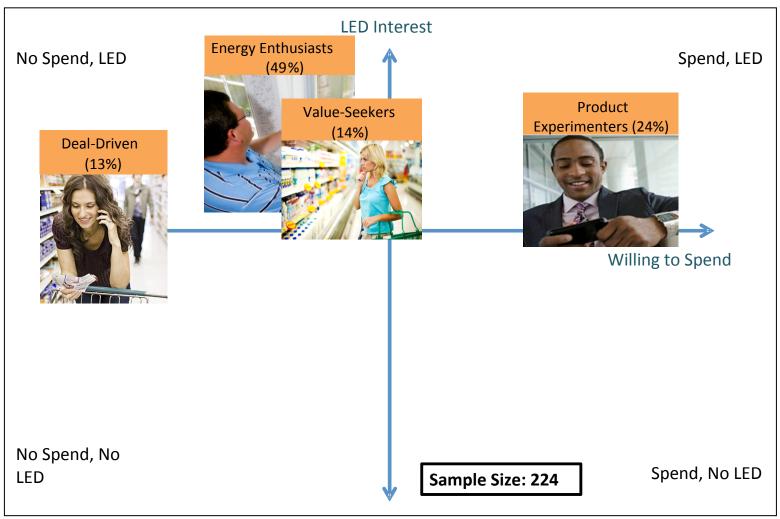


Warm White Bright White

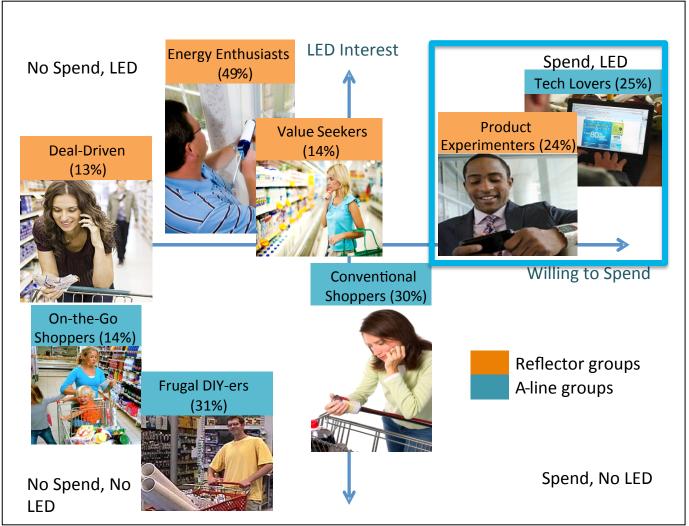
LCDC: A-Line Segments



LCDC: Reflector Segments



LCDC: Short-term Targets







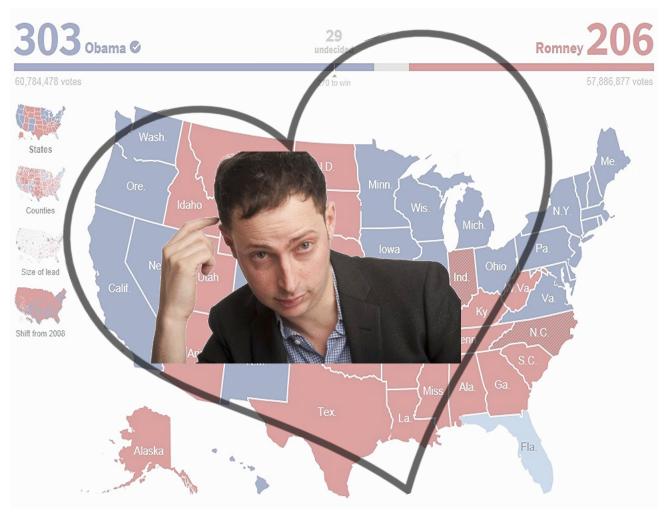
Latent Class Discrete Choice Modeling

It's Best to Use it When:

- You have a new product or offering to take to market
- You need clear direction for design and merchandising
- You need to prioritize marketing efforts in competitive channels to target customers











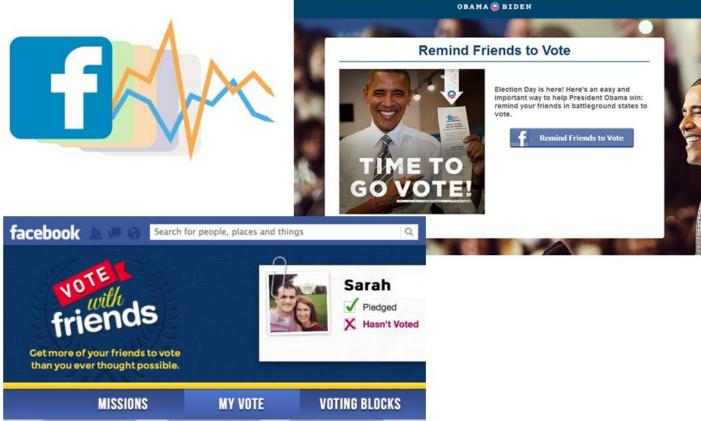


- Traditional segmentation defines and divide a large homogenous population into identifiable groups based on similar characteristics
- Micro-targeting identifies individual household propensities to act





The Obama 2012 campaign was the first in history to successfully leverage Facebook as a tool for mobilizing voter turnout on a mass scale



Applying Micro-Targeting to Program Offers

1. Develop Core Database

- 2. Surveys to Obtain APS-specific Behavioral & Psychographic Data
 - 3. Intermediate Segment Variables
 - Populate Customer Database with New Variables
 - 5. Develop Program-specific Propensity Models



Applying Micro-Targeting to Program Offers

1%

4%

5.7%



Micro-targeting

It's Best to Use it When:

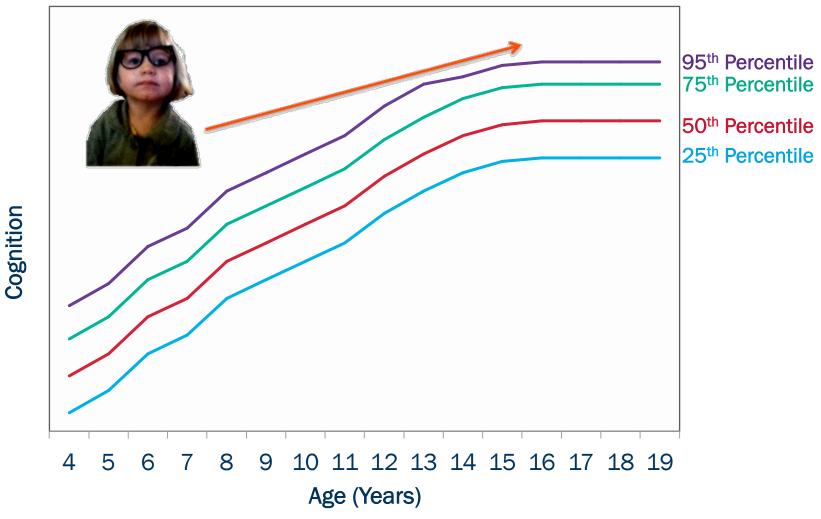
- You have access to multiple data sources
- Transactional or behavioral data is available
- You have teams willing and able to collaborate and to share knowledge



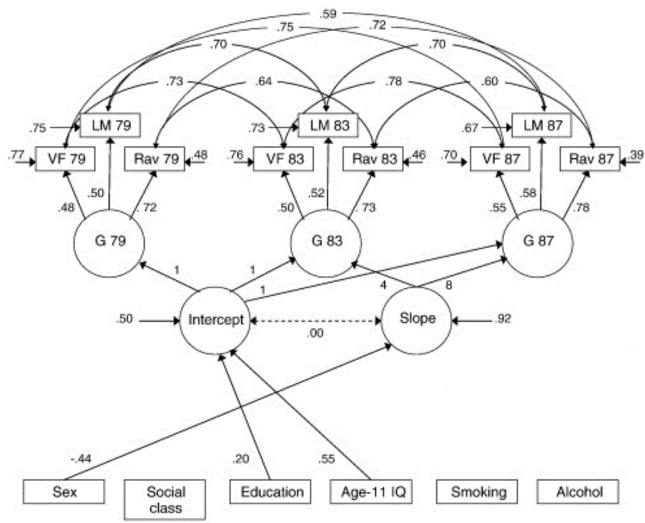
- LGCA uses cross-sectional, time-series analysis
- Identifies consumption curves and how they differ
- Predicts and describes the shape of consumption curves

 Identifies which factors mediate consumption growth (or decay)

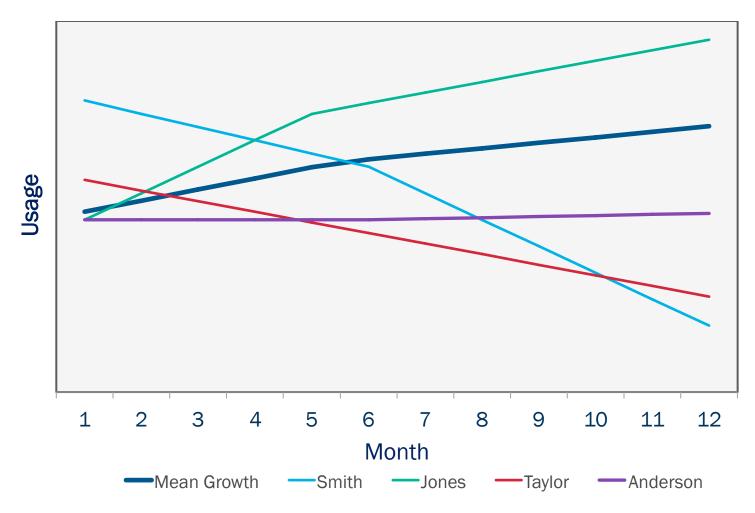




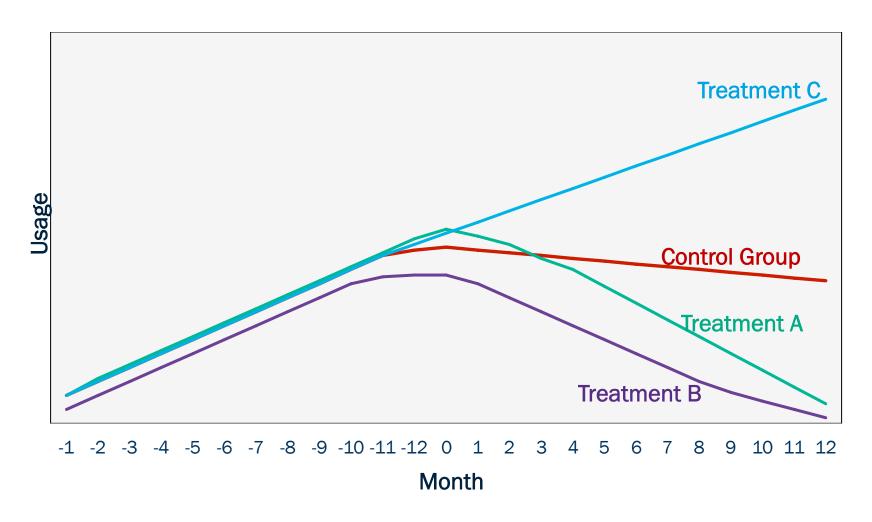














Latent Growth Curve Analysis

It's Best to Use it When:

- You are working with a heterogeneous population
- You expect wide variation in response to stimulus
- You have to identify customer groups for targeting





Closing Points

- Other disciplines offer field-tested methods
- Greater granularity provides a finer point for targeting
- Expand programs by aligning offerings with:
 - Customer needs and wants
 - Customer-specific messaging





QUESTIONS?

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