## **MASB Standards Project**

## **Brand Investment & Valuation (BIV) Project Review & Status**

**Kevin Richardson** The Nielsen Company **MASB Director Co-Lead BIV Project** 

**Frank Findley** MSW•ARS Research MASB member **Co-Lead Integration Sub-Team** 



August 2015 Chicago

### Should we care?

% Mkt Cap

21%

**25%** 

15%

2011	Value (\$B)	Rank	Movement	Change
Interbrand	\$42.8	#5	<b>/ \</b>	-10%
BRANDZ™	\$50.3	#10	<b>↑</b>	+12%
BRAND-FINANCE ®	\$30.5	#7	Ψ	-4%
CoreBrand	N/A	#25	<b>^</b>	+2%

How to manage if not sure where it stands or if it's going up or down?

#### On the one hand...

The variability of the alternative brand values makes their validity and utility highly suspect

#### While on the other...

Their prominence and visibility necessitates proactively managing and interpreting the results.

Source: Cayabyab (GE) 2/16/12



## **BIV: The Game Changer**

**Project** 

**Brand Investment &** Valuation (BIV) (Stewart & K Richardson)

Issue Addressed **Brand represents** great Value (but how much)

**Project Objective** 

**Establish "generally** accepted brand investment & valuation standards"

Strategy **Build bridges from** customer metrics to market metrics to financial metrics... empirically.

**Expected** Outcome

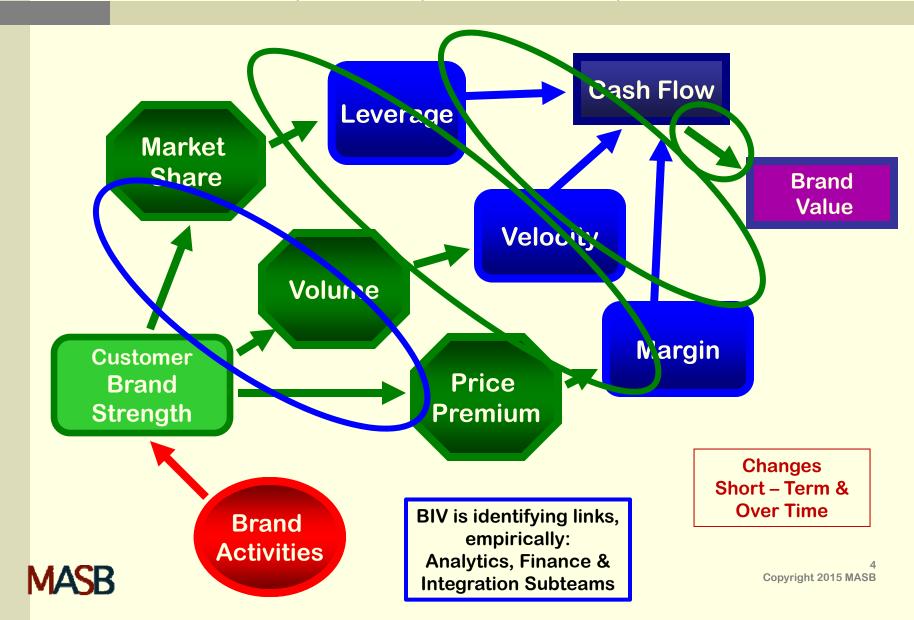
**Empirically proven** model for valuing brands & guiding investment decisions

When

2015



# MMAP: Brand Investment/Valuation Model (Conceptual Links)



## Why this is Important – Swimming in Data

#### **Market Share**

**Preference** 

**Trade Promotion Lift Index** 

**Bonding** 

**Persuasion** 

**Penetration** 



**Brand Loyalty** 

**FSI ROI** 

**Social Buzz** 

**Price Elasticity** 

**Unaided Awareness** 

**TV Advertising ROI** 



## Why this is Important – To Finance

**Market Share** 

**Preference** 

**Trade Promotion Lift Index** 

**Bonding** 

**Persuasion** 

**Penetration** 

Finance is yearning to identify metrics that will predict market results...so we can manage marketing spend...determine where to invest for desired financial results...

**Brand Loyalty** 

**FSI ROI** 

**Social Buzz** 

**Price Elasticity** 

**Unaided Awareness** 

TV Advertising ROI



Source: Scaramuzzi (ConAgra Foods) 11/1/12

## **Expected Benefits**

Building these bridges (or links) and highlighting the measures will be phenomenally powerful for the marketers' decision making process:

Making more informed "investment" decisions

Meeting organic growth targets more often

Learning how to improve performance as measured by

customer, market and financial outcomes

Building strong brands more profitably and consistently



#### Who needs it?

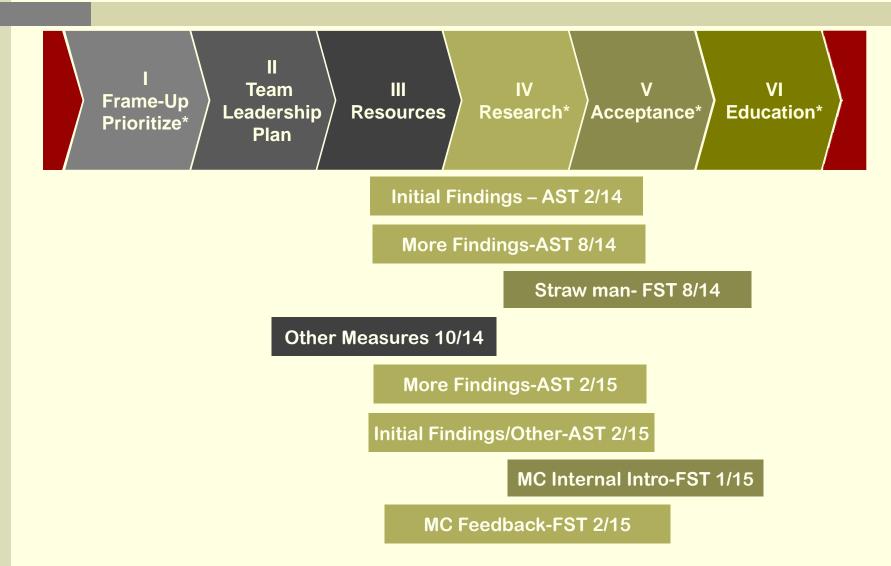
- All performance oriented managers including
  - CMOs, because their job is to create, build & protect the brand (asset) which represents both short and long term growth potential (revenues at a premium price/margin)...and they need to demonstrate this on an on-going basis.
  - CFOs, because their job is to forecast return from various "investments"... and they currently view marketing as discretionary expense because they have not seen proof otherwise.
  - CEOs, because their job is to determine where to invest for both short and long term corporate performance.
  - Investors, because their job is to understand what the firm's future growth potential looks like.



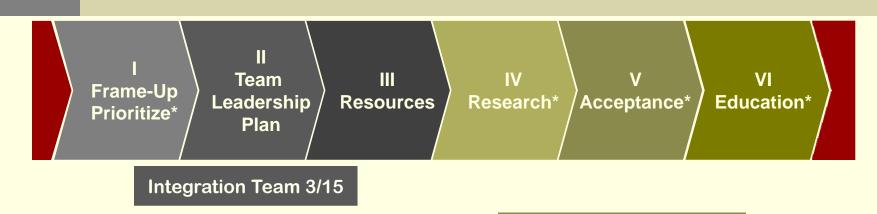
## **BIV Milestones (2010 – 2013)**



### **BIV Milestones (2014 Thru Feb 15 Meeting)**



## **BIV Milestones (Since Feb 15 Meeting)**



MC model intro - FST 4/15

Final Findings AST 7/15

Full Model IST 8/15

#### **BIV Team & Sub-Teams**

#### **Team Leaders**





**Team Heroes** 

**Kevin Richardson** Nielsen

**Dave Stewart** LMU















Kimberly-Clark

Jamie Richardson Chris Ciccarello Scott Shinners\* ConAgra

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Frank Findley MSW-ARS

Shyam Venugopal Frito-Lay

Jim Meier Miller Coors

















Kimberly-Clark



**U** of Cologne

**Don Sexton** Columbia

Rajeev Batra

U of M

**Jonathan Short** Frito-Lay

ori Kuehn

Jeff Long **MillerCoors** 

**Admin** 





MMAP Center

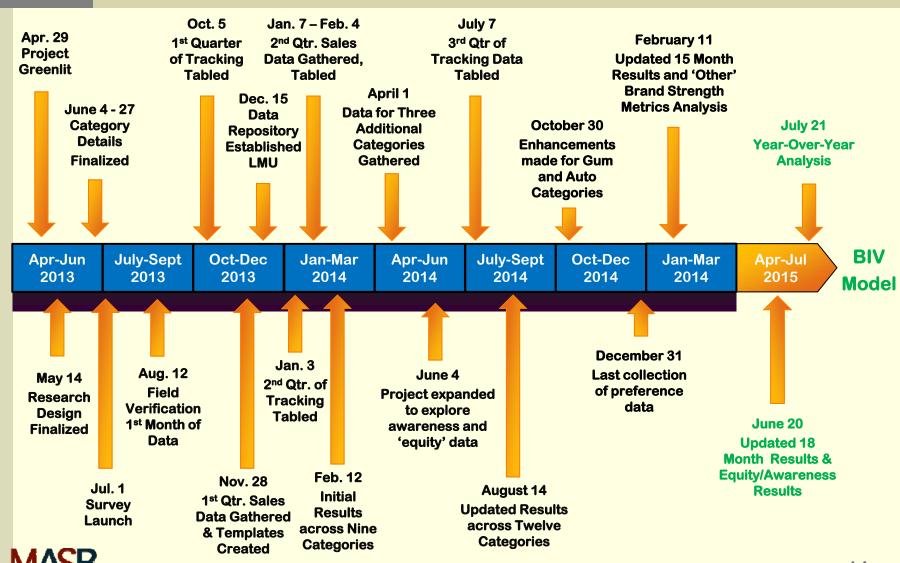
**Analytics & Finance Sub-Teams** 



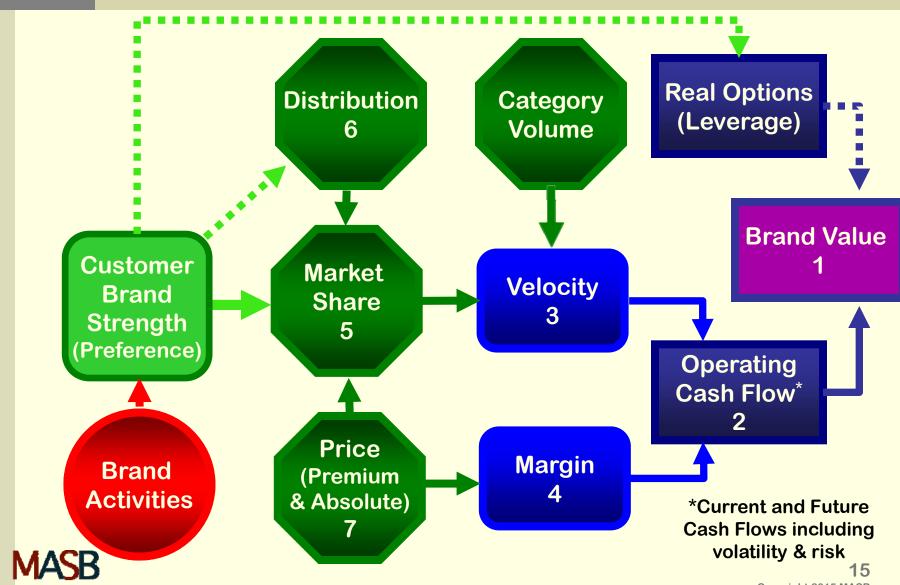
# BIV Report of All Sub-Teams (Frank)



### Where we are on the tracking journey



#### **Brand Valuation Model - Conceptual Links**



# Brand Investment/Valuation Model: Predictive Equations & Terminology

The trials have refined our understanding of how brand strength (measured by preference) translates into Net Present Value calculations, financial ratios, and the DuPont Return on Equity model.

#### **NPV Calculations and Financial Ratios:**

- (1) Net Present Value = ∑ {Net Period Cash Flows / (1 + R) <sup>T</sup>} + Terminal Value
- (2) Net Period Cash Flows = Brand Sales Brand Costs (Margin: Profit/Sales)
- (3) Brand Sales = Category Size \* Average Brand Unit Price \* Unit Share (Velocity: Sales/Assets)
- (4) Brand Costs = Costs associated with producing sales for the brand
- (5) Unit Share ~ Brand Preference \* Distribution Factor / Relative Price Factor
- (6) Distribution Factor = f (B0 + B1 \* In (Distribution))
- (7) Price Ratio = f (B2 \* Average Brand Unit Price / Average Category Unit Price)

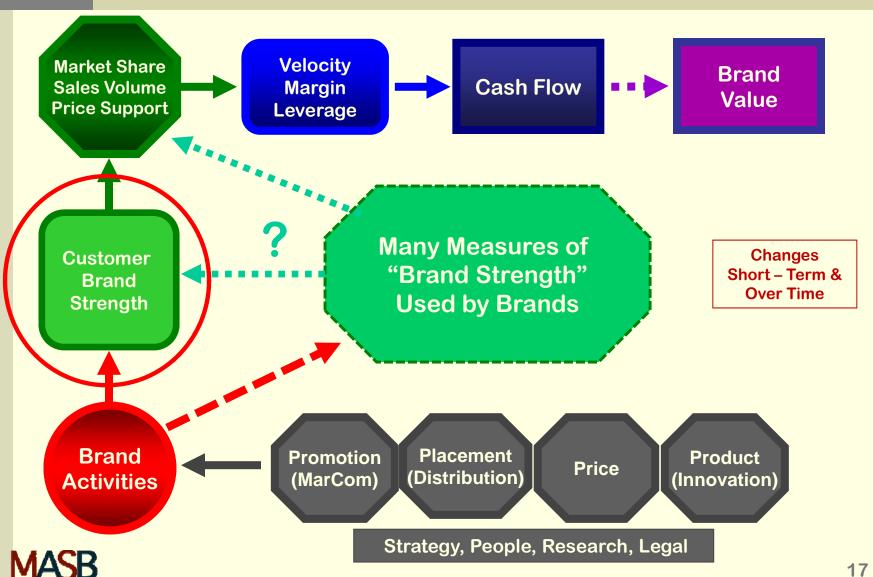
Real Options include option to generate future revenues after sale of brand (related to terminal value), potential brand extensions, potential in new markets, etc. (Leverage: Assets/Equity)

#### **DuPont Model:**

Profit/Sales x Sales/Assets x Assets/Equity = Profit/Equity = Return on Equity



#### **Build Bridges – Step 1** Identified Brand Preference as Trials CBS Metric



#### MMAP: 10 Characteristics of an "Ideal Metric"

The MSW•ARS
Brand Preference
Metric has met the
MASB Marketing
Metric Audit
Protocol
(MMAP)...10
Characteristics of
an "ideal Metric"

- 1. Relevant
- 2. Predictive
- 3. Objective
- 4. Calibrated
- 5. Reliable
- 6. Sensitive
- 7. Simple
- 8. Causal
- 9. Transparent
- 10. Quality Assured

What we'll see/learn during the BIV Project

Source: "Measuring and Improving the Return from TV Advertising (An Example),"
MASB, April 2008, May 2012



#### Preference is Behavioral/Choice among Brands





The MSW•ARS methodology isolates brand strength by holding everything else in the actual buying experience – price, promotion, shelf position, etc. – constant.



#### **Marketers Participating**

#### Each participating company selected 2 categories for tracking

#### Considerations for brand/category selection included:

- Market situation one category that is generally static and one that is more dynamic
- Availability of sales and/or MMM data
- Availability of additional data, e.g. brand health/equity tracking over time
- Sufficient HH category penetration to ensure robust samples

#### Specs include:

- Brands in Category (as defined when measuring market share)
- Analytical Sample (those who could use/buy category)
- Critical Cell (those who do use/buy category) and Targets

<b>Participant</b>	Category I	Category II	
K-C	<b>Bathroom Tissue</b>	Facial Tissue	
CAG	Microwave Popcorn	Frozen Entrees	
HER	<b>Chocolate Bars</b>	Gum	
FTL	Caramel & Toffee Corn Snacks	Salty Snacks	
M-C	Premium Light Beer	Value Priced Beer	
GM	Full Size Pick-Ups	<b>Compact Cars</b>	

The Project includes
12 member brands
plus competitors in
each of the 12
categories (100+
Brands)...and over 6
fiscal quarters...very
healthy sample size or
number of
observations!



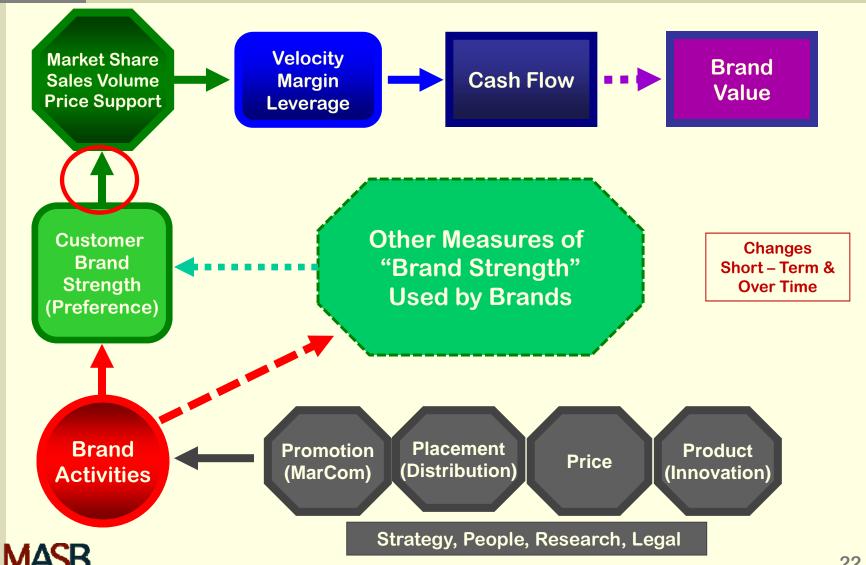
#### Other

#### Data Structure

- Flat file in Excel
- Calendar monthly and quarterly, time periods in columns
- 16 months beginning July 1, 2013
- Data Housing
  - Loyola Marymount University
  - Point Person
- Outputs
  - Descriptive results of metrics & analytics
  - Description of process & protocol
  - Desk-Top Simulator



## **Build Bridges – Step 2** Quantified the BP to Market Impact



## **Changes from Previous Reports**

#### **Updates** (8/15)

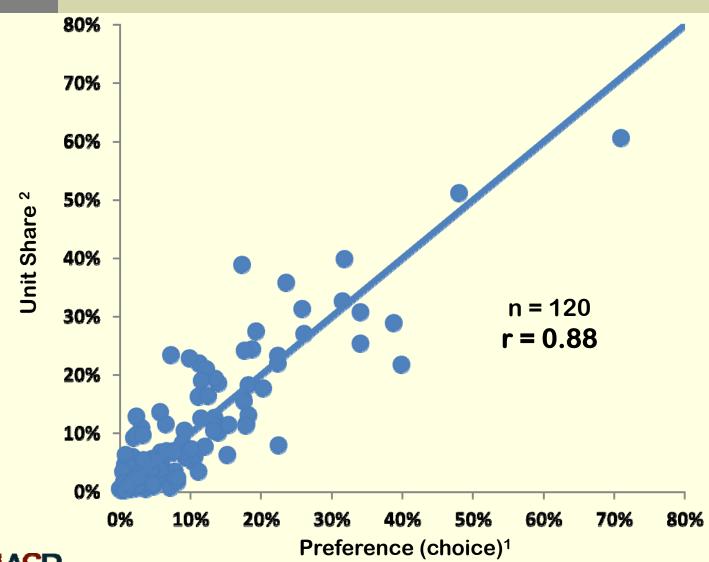
- Dataset includes 12 categories and 120 brands
- Links between market share, preference, price premiums, and distribution confirmed on 18 months of data
- Revised to use category 'purchaser' preference
- For sedans dealership distribution revised

#### New Learning (8/15)

- Reliability
- Sensitivity across sub-groups
- Sensitivity to changes over time

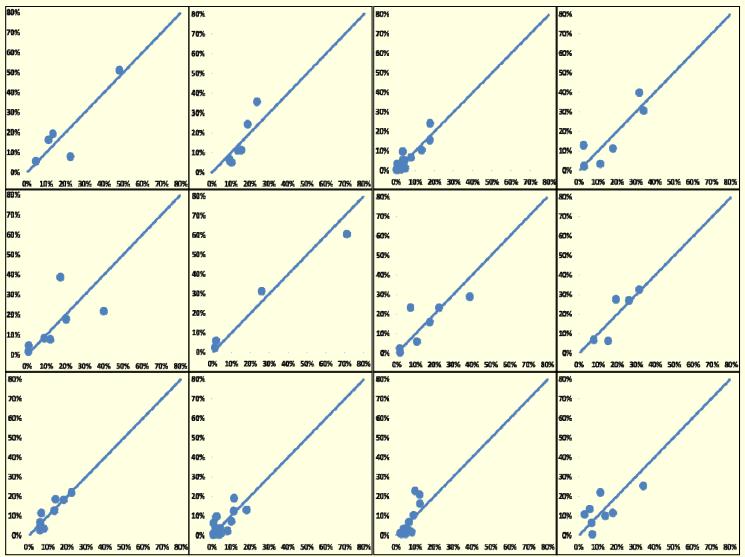


## Link Between Preference and Market Share Point-In-Time: 12 Categories, 18 Month Averages





## Link Between Preference and Market Share Point-In-Time: 12 Categories\*, 18 Month Averages





25

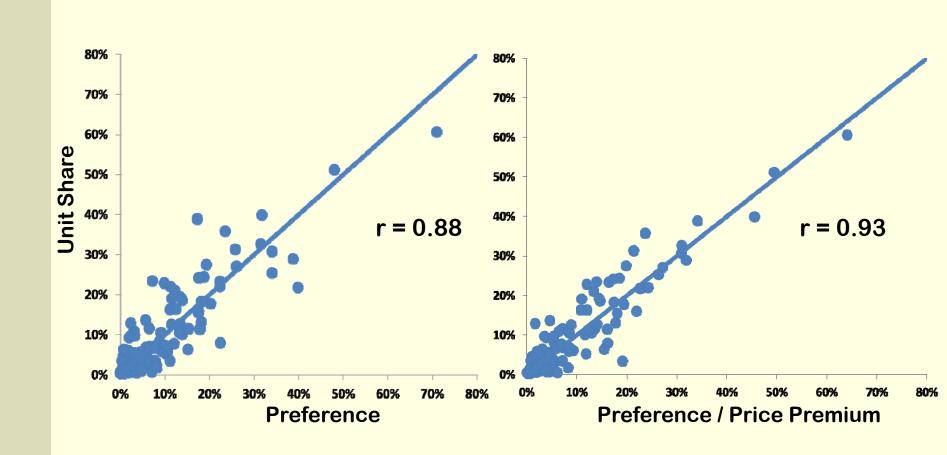
#### **Updated Results (8/15)**

- How strong is link between preference and market share (at a point in time)?
  - Preference (choice) is a strong indicator of "brand strength" within all categories examined
  - Explains 77% of the variance in unit share across 120 brands in twelve categories examined

Conclusions did not change

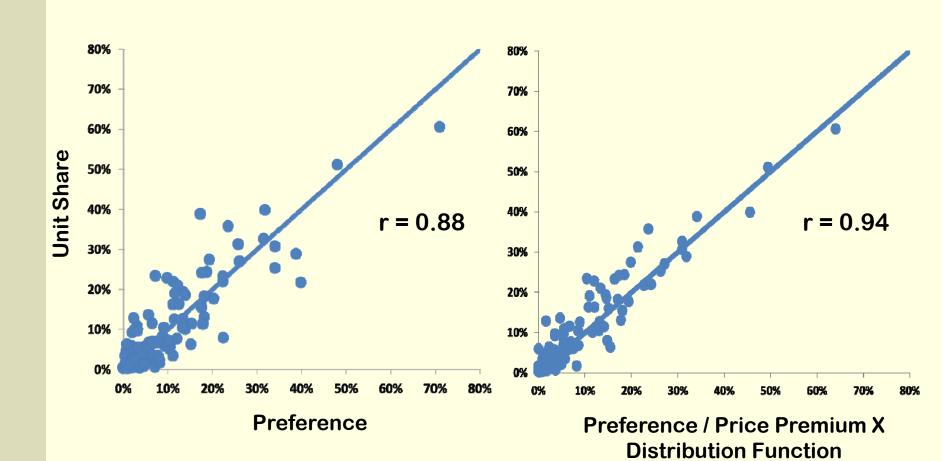


## Link Between Market Share & Preference, Price Premium Point-In-Time: 12 Categories, 18 Month Averages





## Link Between Market Share & Preference, P.P., Distr. Point-In-Time: 12 Categories, 18 Month Averages





#### **Updated Results (8/15)**

- How strong is link between preference and market share (at a point in time)?
  - Preference (choice) is a strong indicator of "brand strength" within all categories examined
  - Explains 77% of the variance in unit share across 120 brands in twelve categories examined so far
- How strong is link between preference, price premium, and distribution (at a point in time)?
  - There is a direct trade-off between price premium and preference
  - Low price results in higher share than brand preference, high price lessens share
  - Distribution also plays a role but to a lessor degree
  - Explained variance rises to 89% when both taken into account



### New Learnings (8/15)

- Reliability
- Sensitivity across sub-groups
- Sensitivity to changes over time



#### Reliability – Randomized Split Sample

Brand Preference				
Number of Pairs (12 months across 12 categories)	144			
Correlation Between Pairs	0.98			
Variation Observed	±1.38			
Variation Expected from Random Sampling	±1.51			
Statistical Conclusion (f-ratio)	Not Significant			

- There is no indication of extraneous variance
- The Brand Preference measure is as reliable as the laws of random chance allow



#### **Sensitivity Sub-Groups – Generation Example**

	Brand Preferences Among:		
	All Men & Women (N=6908)	Millennials (N= 2336)	
Brand A	34.7%	46.1%	
Brand B	19.8%	20.4%	
Brand C	11.9%	8.5%	
Brand D	10.2%	8.0%	
Brand E	4.3%	3.3%	
Brand F	3.1%	3.2%	
Other Brands	16.0%	10.5%	

- Colors indicate significant differences from overall sample at 95% confidence level (sub-sample t-test)
- Brand A (which released a younger targeted varietal and ad campaigns) has created a significant lead among millennials



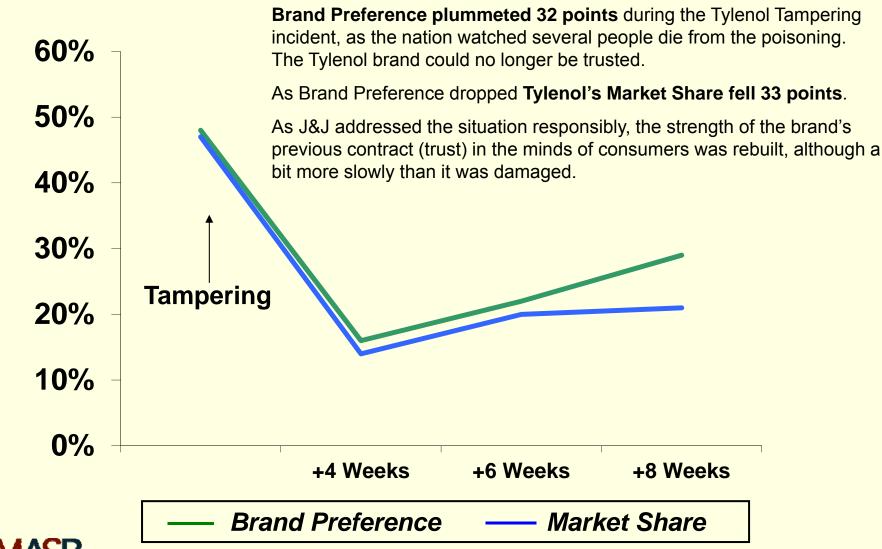
#### Sensitivity Sub-Groups – Ethnicity Example

	Brand Preferences Among:			
	All Men & Women (N=7200)	African American (N=862)	Hispanic – Acculturated (N=439)	
Brand A	66.0%	69.6%	71.0%	
Brand B	21.3%	18.2%	14.6%	
Brand C	1.9%	1.4%	0.2%	
Brand D	1.3%	1.4%	1.1%	
Private Labels	9.5%	9.4%	13.1%	

- Colors indicate significant differences from overall sample at 95% confidence level (sub-sample t-test)
- Brand B is lagging behind leading brand A among AA and Hispanic consumers
- Opportunity exists for all brands to make additional inroads into Hispanic market by targeting private labels



## Sensitivity Over Time – Tylenol Tampering Case\*

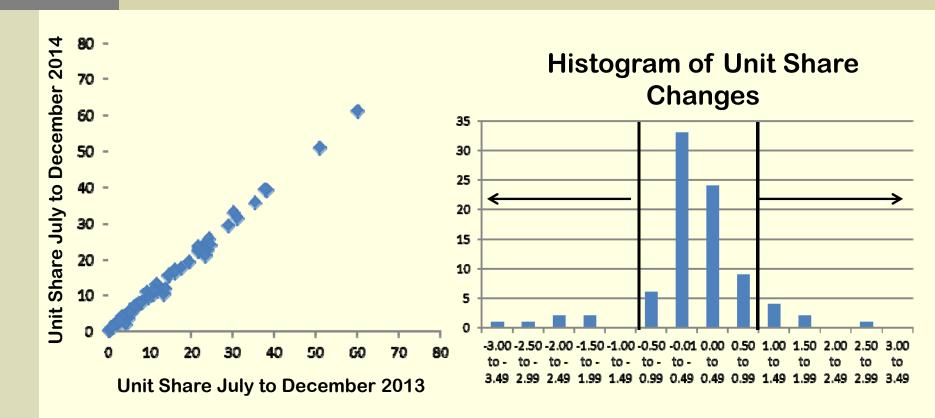


#### Sensitivity Over Time – Year-Over-Year Analysis

- Normally a brand's share of market changes much more slowly over time than the movement illustrated in the Tylenol example
- To explore more typical brand changes, we conducted a Year-Over-Year analysis using the tracking dataset
- Preference, Unit Share, and Price Premium data broken into two groups covering July-to-Dec. 2013 & Jul.-to-Dec. 2014
  - 9 categories
  - 85 brands
- This neutralizes seasonality effect seen in some categories thus ensuring apples-to-apples comparison
- Based on sample sizes used, movements in preference would be expected to detect changes in unit share of one share point



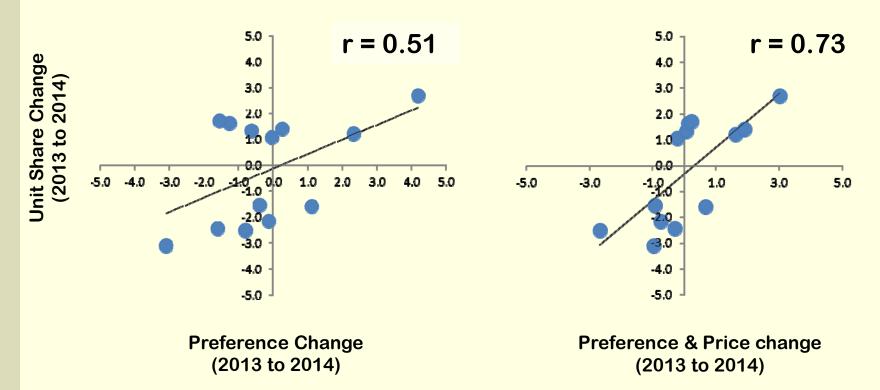
#### Sensitivity Over Time – Year-Over-Year Analysis



- For most brands examined unit share was very stable between 2013 and 2014
- Based on sample sizes, changes in preference should detect changes in share for brands to the left and right of lines on histogram (n=13 cases)



## Sensitivity Over Time – Year-Over-Year Analysis



- Changes in preference and price explain 53% of the variance observed in year-to-year change in unit share. Preference is the larger factor of the two.
- Note that a negative change in preference is generally related to a negative change in share and vice versa

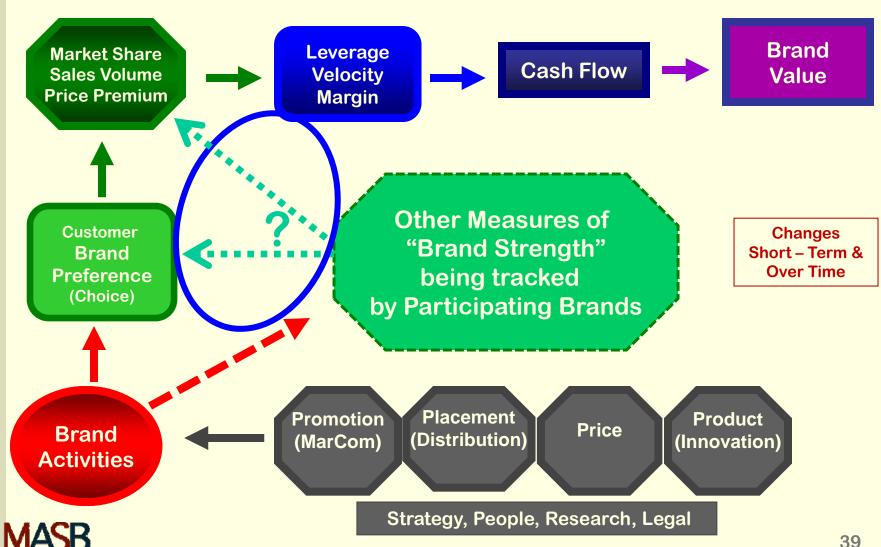


## New Learnings (8/15)

- Is brand preference reliable?
  - Brand preference is as reliable as the laws of random chance allow
- Is brand preference sensitive to differences between different groups of consumers and changes in market share over time?
  - Brand preference is able to detect differences between groups of consumers and changes in market share over time



## **Build Bridges – Step 3 Uncover Links between BP and Other Measures**



## **Learning Other Measures (8/15)**

- Other "Brand Strength" metrics including awareness examined
- Data submitted from participants
  - 6 categories
  - 33 brands (generally only largest brands included)
  - Time period and format (e.g. scale) varied by category
  - 70 different questions
  - 7 broad concepts consistent across at least 4 categories each



## Seven Common Classes/Concepts of Metrics \*

- Awareness Unaided report of brand name when prompted with category (no brand list given)
- Awareness Aided brand name recognized from a list of brands
- Brand Loyalty brand is one that they plan to consistently purchase and/or use when need arises
- Value brand provides good value for the money
- Purchase Intent likelihood to purchase brand in future
- Brand Relevance brand fits lifestyle and/or needs
- Advocacy brand is one that they would recommend to others



# Link Between "Brand Strength" & Share Common Metrics

		·	·
	Average Unit Share Variance Explained	Median Unit Share Variance Explained	Number of Categories with Correlation > 0.30*
Preference (choice)	68%	80%	6/6
Awareness – Unaided	48%	44%	4/4
Brand Loyalty	45%	43%	5/6
Value	32%	44%	3/4
Purchase Intent	27%	26%	4/6
Brand Relevance	19%	18%	2/4
Awareness – Aided	18%	26%	4/6
Advocacy	15%	13%	2/4

- Seven common classes show moderate cross-category relationships to share
- Cross-category consistency weak for all but unaided awareness
- Their performance is substantially lower than that for preference (choice)



## Link Between "Brand Strength" & Share/Preference Common Metrics

	Average Variance Explained in						
	Preference (w/Price & Dist.)	Unit Share					
Awareness – Unaided	52%	48%					
Brand Loyalty	50%	45%					
Value	41%	32%					
Purchase Intent	33%	27%					
Brand Relevance	28%	19%					
Awareness – Aided	28%	18%					
Advocacy	23%	15%					

- Other "Brand Strength" classes show similar relationships to preference & share
- Suggesting again\* that these common classes of metrics are captured by preference (choice) & therefore not likely to add any predictive power



See next slides for conclusions from previous investigations

### **Theoretical Framework - Ambler**

"...we have classified and reviewed prior research of intermediate and behavioral effects of advertising using a taxonomy of models...

Although such models have been actively employed for 100 years, we find them flawed...the concept of hierarchy (temporal sequence) on which they are based cannot be empirically supported...

We also suggest that behavioral (brand choice, market share)...measures be compiled in...databases to enable researchers...to test the interaction of content, intermediate effects, and long-and short-term behavior. In this effort, we also must relieve measures from cognitive bias."

Sources: Vakratsas and Ambler 1999; MASB 2008 & 2010.



### **Theoretical Framework - Stewart**

"...research efforts would be more insightful if the focus were on measures of...behavioral change, rather than exclusively on cognitive measures such as recall (awareness) or attitude change.

The present study is among the very few to use (a behavioral brand choice measure) of demonstrated reliability and validity."

Sources: Stewart et al 1986; MASB 2008 & 2010



## **Updated Results Summary (8/15)**

- How strong is link between preference/share and other "Brand Strength" metrics?
  - Several common "Brand Strength" metrics show a positive relationship to share
  - Strength varies by category suggesting none alone suitable as a standard for brand strength across industries
  - These relationships are weaker than that between preference and share
  - The metrics show similar correlations (usually somewhat stronger) to preference as to share
  - Suggests that these other "Brand Strength" metrics don't substantially add to the preference-to-share relationship
  - Can be used diagnostically to understand brand preference and uncover brand opportunities



## MMAP: 10 Characteristics of an "Ideal Metric"

The MSW•ARS
Brand Preference
Metric has met the
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Characteristics of
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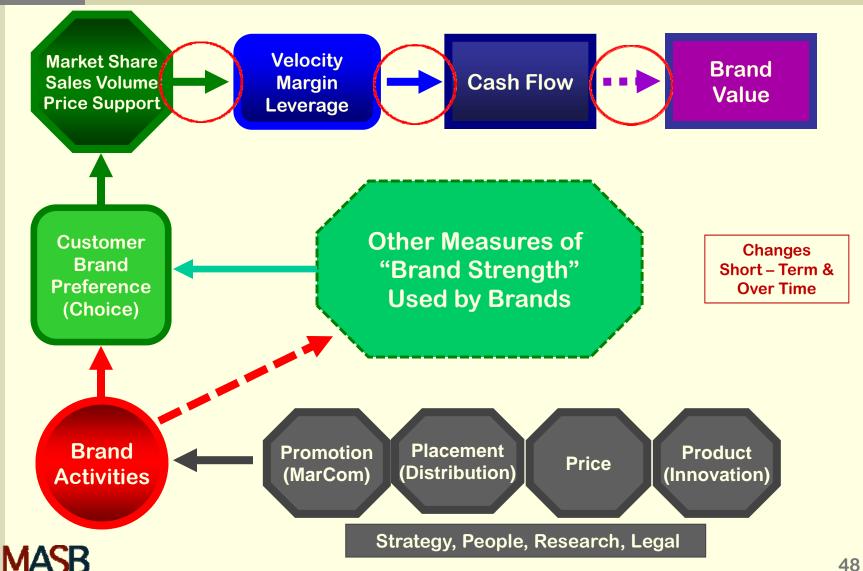
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What we have seen/learned during the BIV Project

Not so much for other measures collected in tracking "surveys"



## **Build Bridges – Step 4 Extend BIV Model to financial metrics**



#### **Brand A**

(Units & Dollars in '000s, Except per Unit)

3yr NPV \$43,250

10yr NPV \$95,341

5yr NPV \$63,898

10yr & TV NPV \$149,030

	9	2014		2015	2016		2017		2018		2019		2020		2021		2022		2023	Grow
Sales Volume		800		720	662	2	623		585		550		517		486		457		430	No
YOYGrowth Rate				-10.00%	-8.00	96	-5.00%		-5.00%		-6.00%		-5.00%		-6.00%		-5.00%		-6.00%	
Net Brand Revenue	\$	120,000	\$	110,700	\$ 104,390	\$	100,089	\$	95,966	\$	92,012	\$	88,221	\$	84,586	\$	81,101	\$	77,760	No
NPR per Unit YOYGrowth Rate	S	150.00	S	153.75 2.50%	\$ 157.59 2.50		\$ 160.75 2.00%	\$	163.96 2.00%	\$	167.24 2.00%	S	170.58 2.00%	\$	174.00 2.00%	\$	177.48 2.00%	\$	181.03 2.00%	
otal Cost of Sales	\$	(60,000)	\$	(55,080)	\$ (52,194	1) \$	(50,534)	\$	(48,927)	\$	(47,371)	\$	(45,865)	\$	(44,406)	\$	(42,994)	\$	(41,627)	No
COS per Unit YOYGrowth Rate	S	(75.00)	\$	(76.50) 2.00%	\$ (78.80		(81.16) 3.00%	S	(83.59) 3.00%	S	(86.10) 3.00%	\$	(88.68) 3.00%	\$	(91.35) 3.00%		(94.09) 3.00%	\$	(96.91) 3.00%	
Gross Margin	\$	60,000	\$	55,620	\$ 52,196	5 \$	49,555	\$	47,038	\$	44,641	\$	42,356	\$	40,180	\$	38,107	\$	36,133	
GM per Unit	S	75.00	\$	77.25	\$ 78.80	) 5	\$ 79.59	\$	80.37	\$	81.14	\$	81.90	\$	82.65	5	83.39	5	84.12	
Brand Marketing Spend	\$	(8,000)	\$	(9,000)	\$ (5,000	) \$	(5,000)	\$	(5,000)	\$	(4,000)	\$	(4,000)	\$	(4,000)	\$	(3,000)	\$	(3,000)	
Jnbranded Marketing Allocation	\$	(3,200)	\$	(2,938)	\$ (2,784	1) \$	(2,695)	\$	(2,609)	\$	(2,526)	\$	(2,446)	\$	(2,368)	\$	(2,293)	\$	(2,220)	No
Unbranded MKTG per Unit YOYGrowth Rate	S	(4.00)	S	(4.08) 2.00%	\$ (4.20	0) S %	(4.33) 3.00%	S	(4.46) 3.00%	S	(4.59) 3.00%	S	(4.73) 3.00%	S	(4.87) 3.00%		(5.02) 3.00%	\$	(5.17) 3.00%	
let Contribution	\$	48,800	\$	43,682	\$ 44,413	\$	41,860	\$	39,429	\$	38,114	\$	35,910	\$	33,812	\$	32,814	\$	30,913	
xed Manufactuting Allocation	\$	(9,600)	\$	(8,813)	\$ (8,35)	1) \$	(8,085)	\$	(7,828)	\$	(7,579)	\$	(7,338)	\$	(7,105)	\$	(6,879)	\$	(6,660)	No
FME per Unit YOYGrowth Rate	S	(12.00)	S	(12.24) 2.00%	\$ (12.6.	1	(12.99) 3.00%	S	(13.37) 3.00%	S	(13.78) 3.00%	5	(14.19) 3.00%	S	(14.62) 3.00%		(15.05) 3.00%	S	(15.51) 3.00%	
G&A Allocation	\$	(10,211)	\$	(9,373)	\$ (8,882	2) \$	(8,600)	\$	(8,326)	\$	(8,061)	\$	(7,805)	\$	(7,557)	\$	(7,317)	\$	(7,084)	No
SG&A per BBL YOYGrowth Rate	S	(12.76)	S	(13.02) 2.00%	S (13.4: 3.00	1	(13.81) 3.00%	5	(14.23) 3.00%	S	(14.65) 3.00%	S	(15.09) 3.00%	S	(15.54) 3.00%		(16.01) 3.00%	\$	(16.49) 3.00%	
Brand Earnings Before Taxes	\$	28,989	\$	25,496	\$ 27,179	\$	25,175	\$	23,275	\$	22,473	\$	20,767	\$	19,150	\$	18,618	\$	17,169	
ncome Tax Expense	\$	(11,596)	\$	(10,199)	\$ (10,872	2) \$	(10,070)	\$	(9,310)	\$	(8,989)	\$	(8,307)	\$	(7,660)	\$	(7,447)	\$	(6,867)	
Net Brand Eamings	\$	17,394	\$	15,298	\$ 16,300	\$	15,105	\$	13,965	\$	13,484	\$	12,460	\$	11,490	\$	11,171	\$	10,301	
											73	Termi	nal Value (10	Year E	xit Multiple	Wit	hout Growth)	\$	103,012	
Discounted Cash Flow	5	16,660	\$	13,443	\$ 13,147	7 \$	11,172	5	9,476	\$	8,394	\$	7,116	\$	6,020	5	5,370	\$	4,543	

				Standar	d Model Inputs						
Constant Growth Year Constant Growth Switch		1	2	3	4	5	6	7	8	9 Yes	No
Discount Year for Present Value Corporate Tax Rate WACC	0.5 -40.00% 9.00%	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5	

# Brand Investment/Valuation Model Predictive Equations & Terminology

The trials have refined our understanding of how brand strength (measured by preference) translates into Net Present Value calculations, financial ratios, and the DuPont Return on Equity model.

#### **NPV Calculations and Financial Ratios:**

- (1) Net Present Value =  $\sum$  {Net Period Cash Flows / (1 + R)  $^{T}$ } + Terminal Value
- (2) Net Period Cash Flows = Brand Sales Brand Costs (Margin: Profit/Sales)
- (3) Brand Sales = Category Size \* Average Brand Unit Price \* Unit Share (Velocity: Sales/Assets)
- (4) Brand Costs = Costs associated with producing sales for the brand
- (5) Unit Share ~ Brand Preference \* Distribution Factor / Relative Price Factor
- (6) Distribution Factor = f (B0 + B1 \* In (Distribution))
- (7) Price Ratio = f (B2 \* Average Brand Unit Price / Average Category Unit Price)

Real Options include option to generate future revenues after sale of brand (related to terminal value), potential brand extensions, potential in new markets, etc. (Leverage: Assets/Equity)

#### **DuPont Model:**

Profit/Sales x Sales/Assets x Assets/Equity = Profit/Equity = Return on Equity



## MillerCoors Cash Flow Modeling

#### Brand Level Free Cash Flow Model

- Will use for internal purposes decision-support (e.g. portfolio strategy and resource allocation)
- NOT intended for balance sheet or transactional valuations
- Intended to focus management on changes in brand valuation over time (not just point in time valuations)

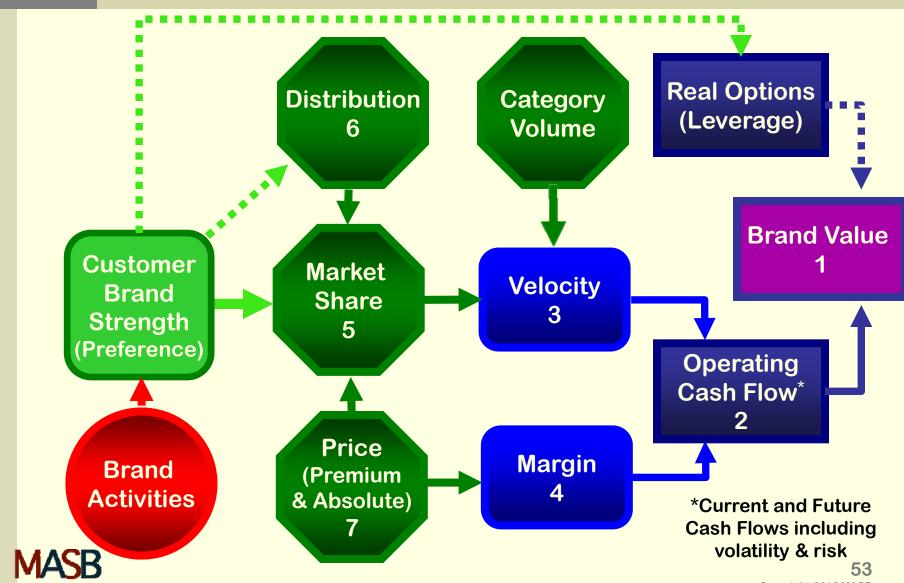
#### Other Considerations

- DCF valuations are provided for multiple time frames
- Brand preference measures help to inform future-year assumptions (e.g., pricing, volume growth/decline)
- Useful to inform what time period represents a reasonable valuation term
- Brands could "earn" a higher valuation based on improved brand preference which would remove uncertainty relating to future financial assumptions and the longevity of the brand

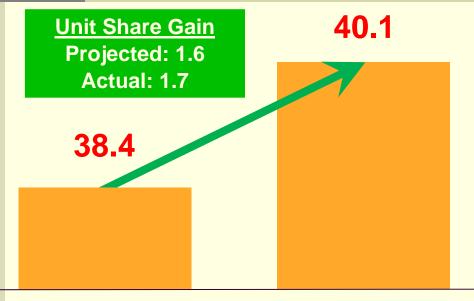


Source: James Meier (MillerCoors), MASB Summit 2/2015

# Refined Brand Investment/Valuation Model Conceptual Links



# A Brand Value Model is also a Brand Investment Model StarKist Tuna in a Pouch Launch Copy Case



"The results from the initial advertising quarter yielded an ROI of 76 percent, an enormous improvement over the break-even ROI we had expected for the quarter using a traditional approach. Incorporating the costs and incremental profits involved with the unplanned – or second – flight, we were up to 368 percent return on our TV advertising activity."

— Barry Shepard, VP of Marketing

Pre-Campaign 1st Campaign Quarter

- Starkist used brand preference from copytesting, planned media spend, and the product price level to accurately project in-market ad performance
- "What if' scenarios showed the brand was "leaving money on the table" additional airing would continue to significantly grow preference/market share
- The brand team took this knowledge to management and they approved an increase in the media budget the result was a dramatic improvement in ROI



## **BIV Project Next Steps**

- Dissolve Integration Sub-team: job done
- Publish findings paper
- Work with MarCom Team to introduce model
- Expand to corporate brands (stock price)?
- Expand to B2B?
- Expand to media brands?



# Thank-you!

