

Invisible influence in insurance purchase decisions

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Presenter

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What is behavioral economics? (行為經濟學)

System 1 Fast Thinking

How people really behave

- Automatic
- Intuitive
- Unconscious
- Irrational (非理性的)

System 2 Slow Thinking

How we've viewed people

- Controlled
- Analytical
- Reason
- Rational (理性的)



Texting and driving



On food alone, we make > 200 decisions a day

Source: Wansink, B. & Sobal, J. (2007). Mindless eating. The 200 daily food decisions we overlook.

Risk Complex Trade-offs Boring Uncertain Fear

Insurance customer journey is a complicated decision-making process

Value

Difficult

Long

Emotional

Price

Benefits

Great customer journey makes the product more memorable, and increases the likelihood of successful adoption



Behavioral economics can have profound impact on *insurance purchase* in digital channels Our minds use shortcuts

There is an intention-action gap

Our environment affects our behavior

Behavioral economics principles



In research: <u>hotel towel</u>



Source: A Room with a Viewpoint: Using Social. Norms to Motivate Environmental. Conservation in Hotels. Goldstein, Cialdini and Griskeviciu.

Nudging with social norms

Customers who bought this also bought

Endorsed by [authorities, brand name, celebrities]

1,000 people liked this

Testimonials, 5 out of 5 stars

Recommended by our staff



In research: organ donation



Nudging with defaults

Default opt-in marketing consent (note GDPR)

Preset defaults in product options

Prefilled customer information

Preselected response to questions

Default app settings



Fighting status quo

Risk free offer or generous cancellation policy

Spotlight on differentiating or appealing features

Connect current self to future self

Offer time sensitive campaigns as triggers

Prime users by visualizing possible outcomes

Endowment effect (稟賦效應)

In research: loyalty card

Buy 10 coffees get 1 free

Sadpuncino el Columbia Universo Buy 10 American Coffees and get one Wrencen Coffee or one taked good FREE 9 9 10 Dree startig just visite Free neward redoomable air real Hist

(A)

10 coffee punch card

12 coffee punch card with 2 pre-punched

the starty per stalt- Pee reward redeemative on next visit

(B)

lafé Capeucolno af Columbia Universit

Buy 12 American Coffees and get one

merican Coffee or one beked good FREE

8

9 10 11 12

Which of the two loyalty cards would influence you to put in the most amount of effort?

Source: Ran Kivetz 2006



In research: loyalty card

Buy 10 coffees get 1 free

CaM Departments of Columbus University Buy 10 American Coffees and good FRBE American Coffee or one taked good FRBE 1 2 3 4 5 6 7 8 9 10 Buy 10 American Coffee or one taked good FRBE 1 2 3 4 5 6 7 8 9 10 Buy 10 American Coffee or one taked good FRBE

(A)

10 coffee punch card

(B)



12 coffee punch card with 2 pre-punched

Average 15.6 days

Average 12.7 days

Leveraging endowment effect

Motivate users with an illusion of a head start

Progress bar with an extra step completed by default

Show small signs of progress, completion meter

Prefilled fields with available or existing data

Goal-gradient milestones and rewards

Endowment related biases

IKEA effect

• The IKEA effect is evident when invested labor leads to inflated product value

Loss aversion

• Loss aversion is the fear of wasting resources or losing investment in something even if it holds little value

Availability heuristics (可得性捷思法)

Influencing availability heuristics

Real case examples with fatal outcomes

Visuals to increase sensitivity to specific event

Awareness building campaigns

Banner ads to trigger past experience



In research: <u>Save the people</u>

Program 1

Response A

Will save 200 people

Response B

1/3 chance to save all 600 people but a 2/3 chance to save no one

In research: <u>Save the people</u>

Program 2

Response C

400 people will die

Response D

1/3 chance that no one will die but a 2/3 chance that everyone will die

In research: <u>Save the people</u>

Consistent response was:

- A and C
- B and D

From the research:

• 73% picked Response A for Program 1

VS

• 78% picked Response D for Program 2

By manipulating how alternatives were framed researchers could alter choices dramatically

Anchoring (定錨)

- The first fact, number or figure a person sees will bias their judgements, e.g., list price vs sales price
- Anchor product: adding a higher-value and higher-priced product to a portfolio of options

Decoy (誘餌)

 Decoy product: adding a lower-value but closely-priced product to a portfolio of options

Anchoring effect in action



Anchoring effect in action



Decoy effect in action

The Economist magazine subscriptions



Friction costs



Decision paralysis: more isn't always better



2% made a purchase

24 options

12% made a purchase

6 options

Source: Sheena, Iyengar and Lepper. When choice is demotivating: Can one desire too much of a good thing? (2000)

Recent studies found that US consumers commonly choose health insurance plans that are sub-optimal for their situations

Potential explanations include:

- Limited insurance knowledge or competence
- Searching costs lead to limited information
- Neglect of key plan characteristics
- Mistaken beliefs about self or the insurance plans
- Lack of competence in evaluating premiums relative to plan characteristics
- Switching costs

Sources: Handel and Kolstad (2015b), Bhargava, Loewenstein, and Sydnor (2017), Handel (2013), Abaluck and Gruber (2011, 2016), Ho, Hogan, and Morton (2017)

Working with friction costs

Shortening & simplifying user journey

Reduce complexity, e.g. clear copy, bundling

Present information in small, digestible chunks

Add helpful tips & error messages to guide users

Add small barriers to hinder undesirable behavior

Pre-commitment (承諾升級)

Progressively sage the investment you want from users into small chunks of work, starting with small, easy tasks and building up to harder tasks

— Nir Eyal, Hooked

Yes, people lie

An analysis of smoking population based on the US health insurance exchange enrollment and state residents' data

State	% of pop. that smokes	% of Obamacare enrollees who smoke
Idaho	17%	3%
Kentucky	27%	11%
Michigan	21%	9%
Montana	19%	7%
Ohio	23%	9%
Texas	16%	5%
Wyoming	21%	6%

Source: Kaiser Health News, 2016

The fight against dishonesty continues

- 2012: Signing at the beginning makes ethics salient and decreases dishonest self-reports in comparison to signing at the end
 - PNAS September 18, 2012 109 (38) 15197-15200; first published August 27, 2012 <u>https://doi.org/10.1073/pnas.1209746109</u>
- 2020: Signing at the beginning versus at the end does not decrease dishonesty
 - PNAS March 31, 2020 117 (13) 7103-7107; first published March 16, 2020 <u>https://doi.org/10.1073/pnas.1911695117</u>

Closing advice

- Avoid the hype! Humans are complicated. Behavioral economics is useful in creating hypotheses to test, and it is not something to rely blindly on
- Test, iterate, repeat
- In the words of Nir Eyal, innovation is nothing more than understanding a "series of tasks from intention to outcome" and then "removing steps"

