



The Value of Attention is Nuanced by the Size of the Brand



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The Nuance of Size

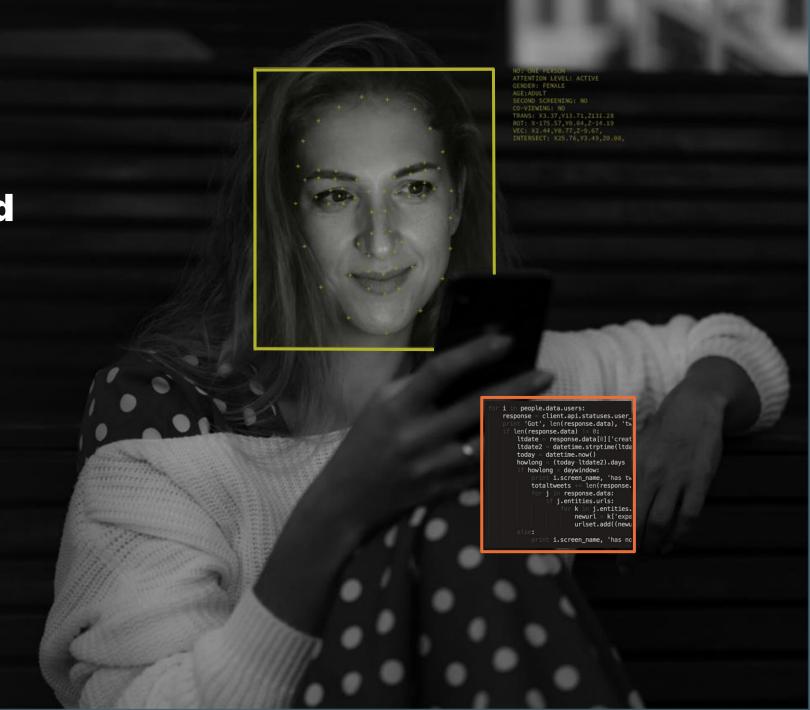
Understanding Interaction Effects and Their Impact on Attention Products

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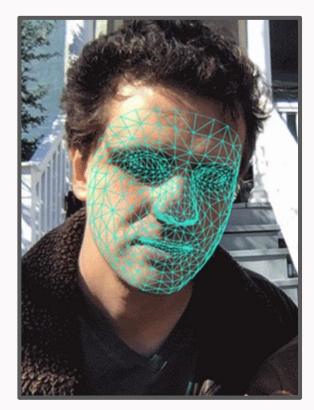


Attention data falls broadly into two buckets; 'inward' and 'outward' facing.



Human via cameras (or other biometric)

Observed Human Behaviour Deterministic







Synthetic via pixel tags (data signals)

Implied Human Behaviour Probabilistic



Each data set has its own limitations.

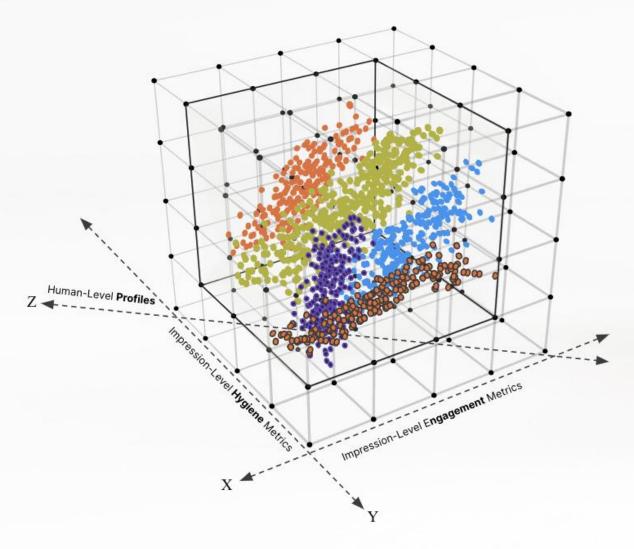
Footage of humans in real-time = ultimate attention accuracy, but has a scale issue.

Impression data alone is scalable, but its ability to predict human attention accurately is extremely limited.



Human viewing behaviour is complex, and varied by platform.

So metrics without 'Ground Truth' miss the important nuances.





Refresher: Active/Passive/Non





Active Attention

Mobile: Looking directly at the ad Desktop: Looking directly at the ad TV: Looking directly at the ad





Passive Attention

Mobile: Eyes on screen, not on ad Desktop: Eyes on screen, not on ad TV: In the room but not looking at the TV





Non Attention

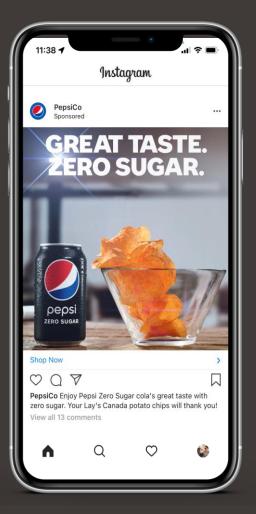
Mobile: Eyes not on screen, not on ad Desktop: Eyes not on screen, not on ad TV: TV is on but person is not in the room

But attention outcomes vary, even when the usual suspects are considered in the model i.e. ad unit, time-in-view, pixels on screen etc



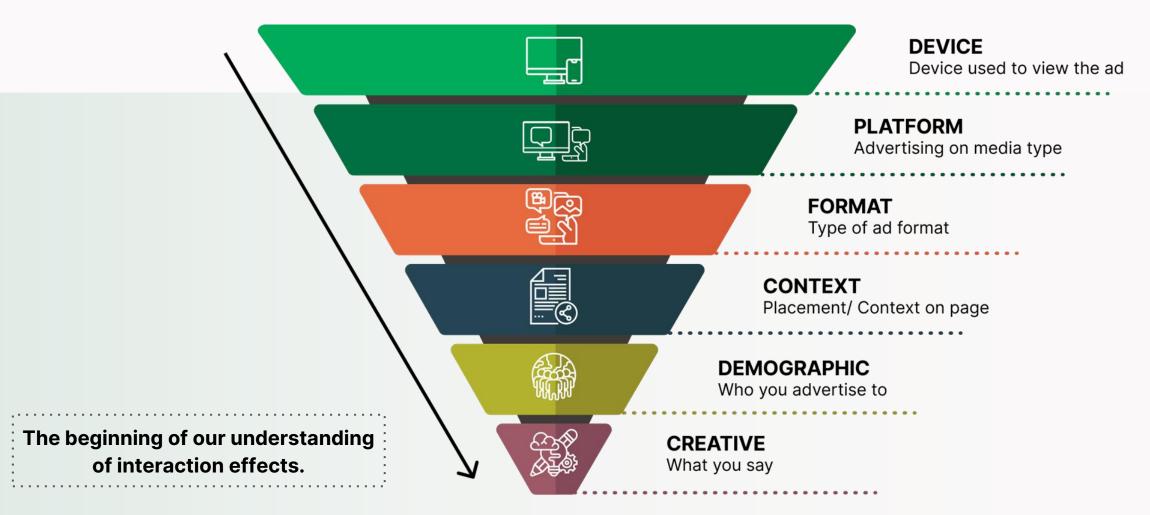






Hierarchy of Attention

The order in which different elements impact the range of attention you can achieve.



We built a Large Scale Validation Model for Interaction Effects and 'Choice'.

- A. Employed Logistic Regression using Maximum Likelihood Estimation (MLE), tailored for modeling binary outcomes like brand choice.
- B. Analyzed 41,801 observations from various product categories and brands, providing a rich dataset for robust analysis.
- C. Dependent variable, 'choice' was a brand selected/or not competes with other brands in its category.
- D. Tested critical factors: brand size and attention type, demos all with significant effects (p < 0.001).
- E. Demonstrated strong predictive accuracy with CV Accuracy: 0.705 (±0.002) and Test Accuracy: 0.707.

Found significant interaction effects, showing brand size and attention type as key influencers of consumer brand choice, highlighting the nuanced impact of marketing strategies.

Finding #1: Passive and active attention work differently for different sized brands.

The dependent variable is 'brand choice'. Accounting for interaction effects, the model predicts the probability of an event occurring, and its coefficients. All relationships are significant p = < 0.000

The size of the brand mediates the value active and passive attention seconds in brand choice outcomes.

Passive Attention Works Harder for Bigger Brands

Big brands get slightly more brand choice outcomes from passive attention than active attention.

Active Attention Works Harder for Smaller Brands

Small brands get significantly more brand choice outcomes from active than passive attention.



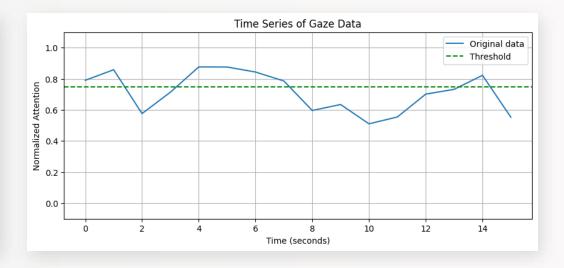
Finding #2: Attention switching (focus) mediates outcomes.

The dependent variable is 'brand choice'. Accounting for interaction effects, the model predicts the probability of an event occurring, and its coefficients. All relationships are significant $p = \langle 0.000 \rangle$

How humans view, not simply how long they view, or if they do or dont view (binary), is important to outcomes.

Attention Switching

Attention is made up of both time and focus.
Focus is about viewing consistency or fixation, direction of switching.
More switching, less likely to produce an outcome.

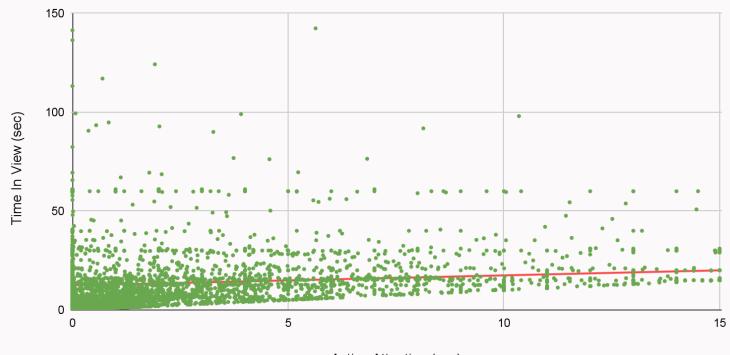


This is why Timein-View fundamentally fails.

Time-in-View, has became the most critical independent variable of modern measurement, but doesn't account for attention decay or switching.

Time-In-View and Active Attention Seconds

Minimal Correlation Between Time-in-view and Active Attention (R2 of 0.022)



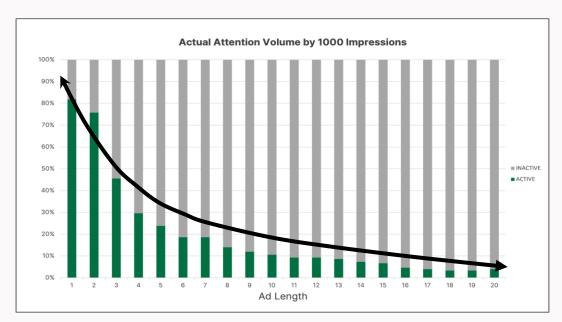
Also why these switching factors are vital in attention products.

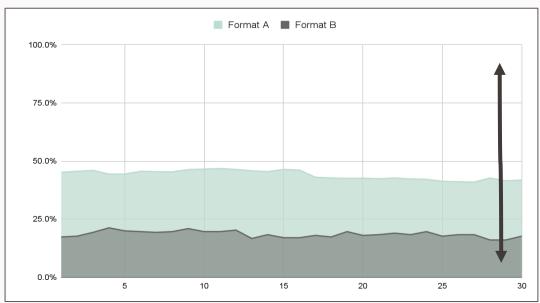
Attention Decay:

how quickly attention diminishes (sustained attention x time)

Attention Volume:

people attentive (attentive reach x time)





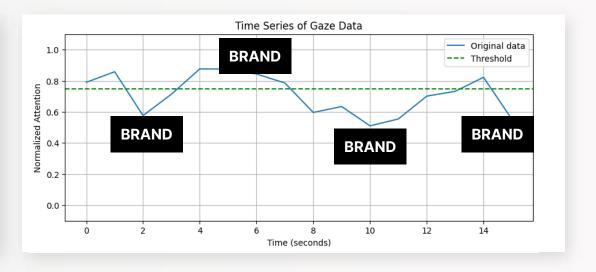
Finding #3: Eyes-on-Brand attention is vital to outcomes.

(*same data set - different study to interaction effects regression)

When eyes are not exposed to the branded moment, outcomes are sig. impacted.

Eyes on Branded Moments

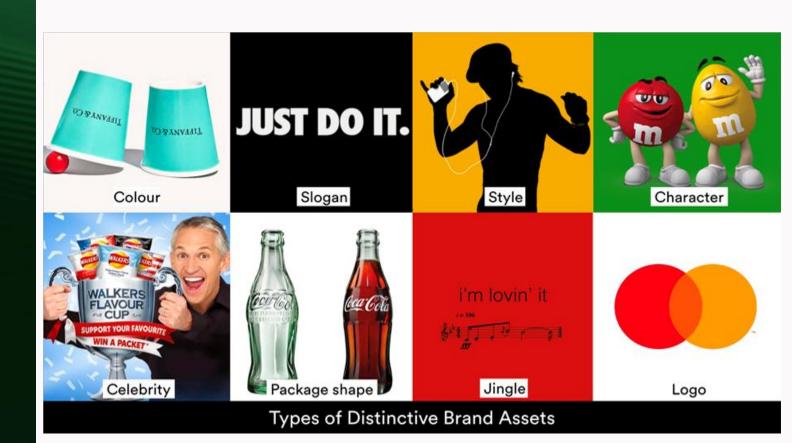
It might seem obvious but underneath switching behaviour, branded moments appear, but when the brand is missed it sig. Impacts outcomes.

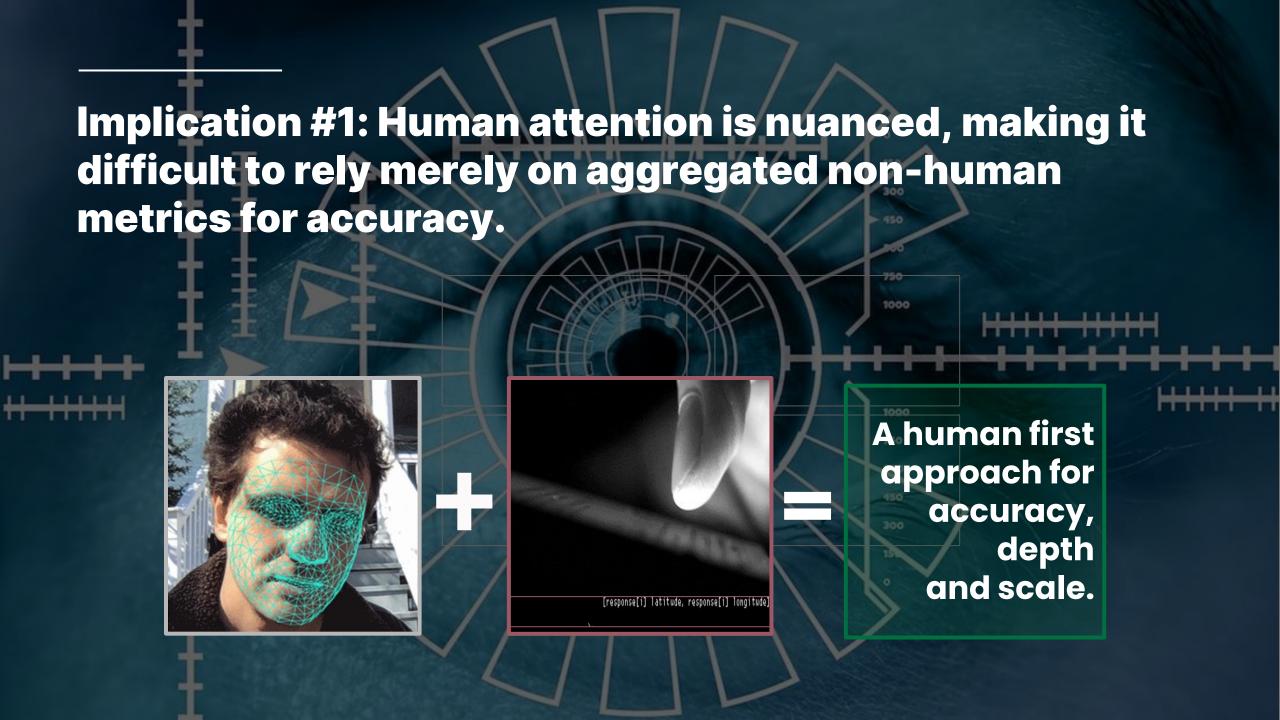


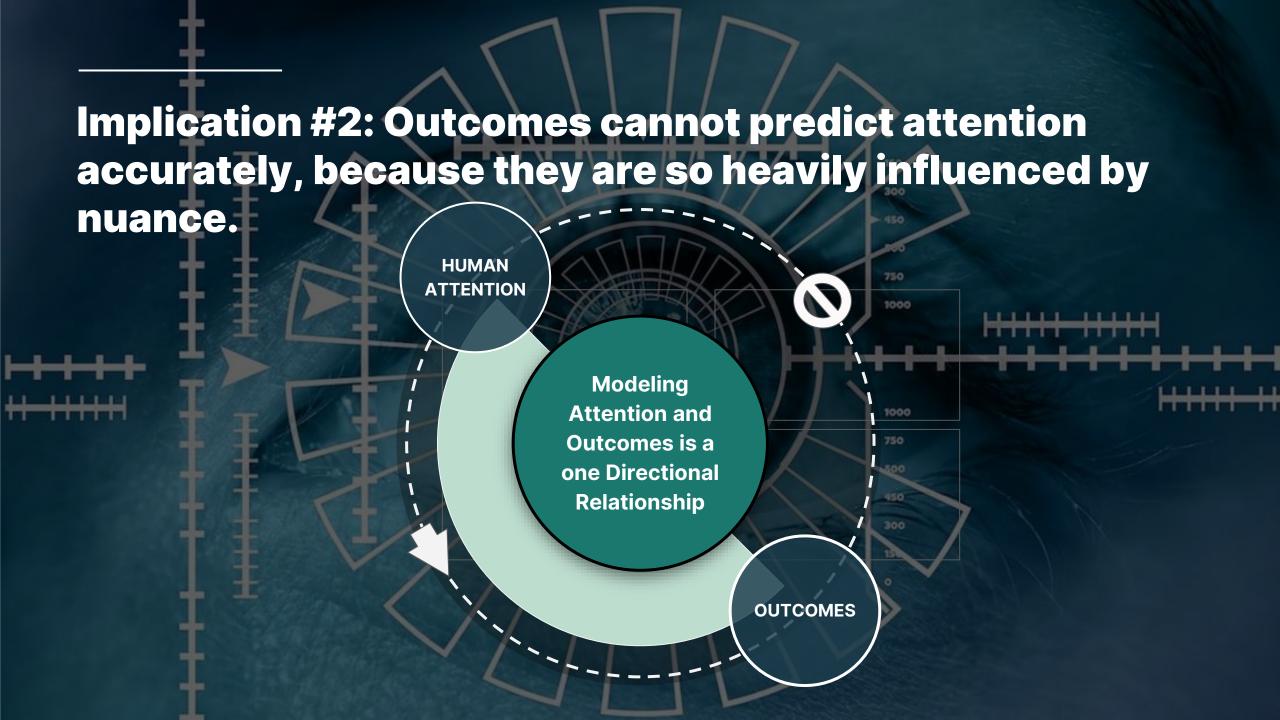
When the brand is missing we fill in the blanks.

Even leading brands are being misattributed for smaller competitors.

The next generation of buyers are being 'untrained'.







Implication #3: Attention strategies should be tailored to campaign requirements (not simply high/low quality or more/less time).

Highest Level of Sustained Viewing and Greatest # of People Viewing Actively per Second.

Slow Attention Decay High Attentive Reach

Challenger Brands/Storytelling

Slow Attention Decay Low Attentive Reach

Frequency Required due to Reach

Fast Attention Decay High Attentive Reach

Leader Brands/Brand Maintenance

Fast Attention Decay Low Attentive Reach

Fleeting Moment only/Frequency Required

Attention Decay Rate

Lowest Level of Sustained Viewing and Least # of People Viewing Actively per Second.

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THE ATTENTION ECONOMY A Category Blueprint

Forthcoming. June 2024

