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Background

Consumers could confuse certified labels with product labels of similar color

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- Marketers use certified labels to signal premium product features such as sustainability or healthfulness
- Consumers trust and recognize certified labels and are willing to pay price premiums for products featuring certified labels
- Consumers often choose labelled products without direct visual attention to the labels suggesting that they rely on peripheral vision to identify certified labels
- Peripheral vision has
 - decent color discrimination
 - but poor shape detection

The market yields many product labels that resemble the color of certified labels (pilot study)

- 12% of 1,366 food (bakery and dairy) products certified feature copycat labels in DK's two largest retail chains
- Copycat labels have the tendency to appear on products that ...
 - do not feature the resembles certified label
 - are eligible for the resembled certified label



Participants indicate using the mouse cursor whether a product features a specific certified label

• 96 trials (products) in 24 matched sets (bakery and dairy product categories)

	copycat
control Snørbagt (E) Burger	<image/> <section-header><section-header><image/></section-header></section-header>
1. Start	2. Fixation (0.9 s) 3. S
No Does the bread product Yes include the Whole Grain label?	No Does the bread product Yes No Doe include the Whole Grain label? include
E CONTRACTOR OF THE OWNER	
Begin	Begin
4. Res	sponse 5. Feedback (2 s) -
No Does the br	read product Yes No Does the bread product ole Grain label?
	You responded too slowly
B	egin Begin









A method for measuring consumer confusion due to copycat product labels

Study 2: Validation and generalization choice conflict during correct choices

Consumer confusion is reflected in final choice and



Study 3: Testing the mechanism

• Preregistered, online study, within-subjects design, N = 51



Conclusion and application

- What have we learned?
 - labels
- Confusion persists at longer exposure times
- What can the metric (and method) be used for?
- Identify and flag copycat labels

Perkovic, S., M. Schoemann, C. J. Lagerkvist, and J. L. Orquin. 2022. "Covert Attention Leads to Fast and Accurate Decision-Making." Journal of Experimental Psychology: Applied, 29(1), 78–94. https://doi.org/10.1037/xap0000425. Satomura, Takuya, Michel Wedel, and Rik Pieters. 2014. "Copy Alert: A Method and Metric to Detect Visual Copycat Brands." Journal of Marketing Research, 51,1–13. https://doi.org/10.1509/jmr.11.0467. Schoemann, Martin, Denis O'Hora, Rick Dale, and Stefan Scherbaum. 2021. "Using Mouse Cursor Tracking to Investigate Online Cognition: Preserving Methodological Ingenuity While Moving Toward Reproducible Science." Psychonomic Bulletin & Review, 28(3), 766-87. https://doi.org/10.3758/s13423-020-01851-3.



• Preregistered, online study, within-between mixed-subjects design, N = 135

Consumer confusion is mainly driven by the color

Consumer confusion due to product labels can be measured with our 2AFC mouse-tracking paradigm and be used to identify confusing (copycat) labels

• Consumers are confused by product labels that resemble the color of certified

• Prodct label color is a key mechanism driving confusion

• Develop new labels that are not confused with existing ones

Relevant literature