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### Abstract

Firms of varying size can produce the same product. Do consumers make inferences about products based on firm size? We focus on perceptions of product naturalness and show, in four studies, that products made by smaller firms are perceived to be more natural – whether they are directly experienced (study 1) or seen in ads (study 2). Additionally, we show that the association of firm size and naturalness is held non-consciously (study 3), and also consciously (study 2); and that it impacts purchase intention (studies 2 and 4). Our research has many implications for firms conveying product naturalness. Importantly, it highlights the need to explore possible associations between firm characteristics and product perceptions.

*Keywords:* Firm cues; Firm size; Product perceptions; Product naturalness

### **Do Firm Cues Impact Product Perceptions?: When Small is Natural.**

Firm size varies a lot, with small firms earning low revenues, having few employees and selling their products in a handful of stores; and large conglomerates making millions of dollars each year, having hundreds of employees and selling in stores across the world. Yet, both types of firms can produce the same product: a simple family-business or a large multinational firm can both produce lip balm or chamomile tea. Can firm size affect consumer perceptions of the product? If it can, firms should heed this association as they grow larger in size. We show that

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consumers do use firm size as a cue for product attributes, which can impact consumers' purchase intention.

The product attribute we focus on is naturalness – an attribute important for many reasons. A 2016 Nielsen survey showed that consumers increasingly prefer products with more natural ingredients (<https://www.nielsen.com/au/en/insights/article/2016/serving-up-simple-global-consumers-want-transparency-in-ingredients/>). Prior research on naturalness has studied what product cues can prompt naturalness (e.g., packaging elements; Labbe, Pineau, & Martin, 2013), but has not looked at firm-based cues. In fact, while much research has connected product cues with product perceptions, little research has investigated the relationship between firm cues and product perceptions. We build on the existing research on naturalness (e.g., Rozin, 2005), and suggest that there exists a “smaller firm = more natural product” intuition.

We demonstrate the association of firm size and product naturalness in four studies, across different contexts, so that products from smaller firms are perceived to be more natural. We show that the size-naturalness association is deeply ingrained so that it can be held both consciously (i.e., one can be aware of the belief) and non-consciously; and that the association then impacts purchase intention. Our results point to the existence of competing mediators of firm size effect on purchase intention, and invite further research to identify them.

### **Prior Literature and Conceptual Development**

Let us first understand what “naturalness” is. The Cambridge dictionary defines natural “as found in nature and not involving anything made or done by people”. This is consistent with Rozin et al.'s (2004) suggestion that human intervention (e.g., processing) contaminates natural entities and deprives them of their essence. Rozin (2005) argued that mixing a natural entity with another entity (natural or not) reduced perceived naturalness. This “contagion principle” (Rozin & Nemeroff, 1990) is, to a great extent, responsible for the perception of the loss of naturalness.

One could argue, therefore, that living organisms are closest to their completely pure and natural form when they are “born” (i.e., when they are small); since as they grow, they are more likely to change and be “contaminated” by the environment, and by contact with other entities. This would also hold true for firms: as firms grow, they have more time, and a larger size, for contamination possibilities. Supporting this reasoning further is research by Smith, Newman, and Dhar (2015) on temporal contagion, showing that consumers prefer products with earlier (vs.

later) serial numbers, as they are perceived as “closer to the origin”, and containing more of its essence.

Thus, small entities are perceived as being closer to their own natural essence – present at their “birth” – and therefore more natural than more “grown up” entities. We propose that smaller firms are perceived as more natural, and that this perception spills over to a “smaller firm = more natural product” intuition. This intuition may also stem from beliefs that larger firms have more automation and machinery (e.g., Swamidass & Kotha, 1998), leading to more processing of materials; and also that mass production requires the use of cheaper, less natural, materials. We further suggest that the “smaller firm = more natural product” intuition is scaffolded on an implicit association of the broader concept of size and naturalness (i.e., “small = natural”).

The association we propose adds to a growing literature on automatic implicit associations between specific concepts, which allow consumers to rely on certain product attributes to make inferences regarding other, missing product attributes (Broniarczyk & Alba, 1994). For example, consumers associate “healthy” with “not tasty” (Raghunathan, Naylor, & Hoyer, 2006) and with “expensive” (Haws, Reczek, & Sample, 2016). It also adds to conceptual metaphor theory whereby abstract concepts (e.g., naturalness) are understood by scaffolding onto concrete ones (e.g., size; Lakoff & Johnson, 1980). In this vein, “naturalness” of food has been associated with rough (versus smooth), supple (versus rigid; Labbe et al., 2013), and matte (versus glossy) packaging (Marckhgott & Kamleitner, 2019). But, all these associations relate to product cues and not firm cues, which we study.

We test for our proposed small-natural association and its downstream effects in four studies. Demographic and control variables are reported in the Methodological Details Appendix (MDA), and are discussed in the paper only in the case of meaningful interactions with the firm size effect on naturalness. The MDA also contains three additional studies.

### **Study 1**

In study 1, participants perceptually experienced (i.e., touched) the product (towels), and we investigated the association of firm size and product naturalness.

### **Method**

One-hundred and eighty-two undergraduate students (52.20% females,  $M_{\text{age}} = 20.69$ ) completed the study in the behavioral laboratory (lab) of a mid-Western business school for course credit. The study had a 2 (firm size: *small* vs. *large*) x 2 (salience of association: *high* vs. *low*) between-subject design.

Participants were told they would be shown a set of towels and asked some questions. In the *high* salience condition, the task instructions had one additional sentence: “We are interested in studying if the size of the company affects how natural you think the product is”; this sentence did not occur in the *low* salience condition. Participants were next shown a picture and a description of a set of towels. In the *small* firm size condition the description read: “These towels were produced by a small company of 20 employees. They are made of a combination of organically grown cotton and conventionally grown cotton. Price of the towel set: \$45”. In the *large* firm size condition, “small company of 20 employees” was substituted by “large company of 20000 employees”.

In addition to the product picture and description, each participant was given an envelope containing a swatch sample of the towels. The samples were cut out from a large white towel, and were the same across all conditions (figure 1).

To measure perceived naturalness, we asked participants to indicate the percentage of organic and conventionally grown cotton they believed the towels contained, using a 2-item constant sum bar scale (details in MDA).

As a manipulation check of “natural”, we asked participants to indicate how natural they thought organic and conventionally grown cotton were (7-point scale; 1 = “Not at all natural”, 7 = “Extremely natural”). A paired sample t-test confirmed that organic cotton was perceived to be more natural ( $M_{\text{organic}} = 5.24$ ,  $SD_{\text{organic}} = 1.13$  vs.  $M_{\text{conventional}} = 3.65$ ,  $SD_{\text{conventional}} = 1.41$ ;  $t(181) = 13.20$ ,  $p < .01$ ).

## Results

A 2 (firm size: *small* vs. *large*) x 2 (salience of association: *high* vs. *low*) ANOVA, with the indicated percentage of organic cotton (i.e., perceived naturalness) as the dependent variable, showed a main effect of firm size on perceived naturalness ( $M_{\text{small}} = 44.07\%$ ,  $SD_{\text{small}} = 21.18\%$  vs.  $M_{\text{large}} = 32.27\%$ ,  $SD_{\text{large}} = 16.08\%$ ;  $F(1, 178) = 17.82$ ,  $p < .01$ ,  $\eta^2 = .09$ ), but not of salience of association ( $p > .20$ ), or their interaction ( $p > .50$ ).

Study 1 provides evidence for the association between firm size and perceived naturalness of products, even if participants interact with the same haptic stimuli across conditions, and whether attention is directed toward the association or not.

## Study 2

In study 2, we used a liquid hand soap and asked for naturalness perceptions among other perceptions (i.e., not alone, resulting in possible demand effects). Additionally, we embedded firm size within many descriptors of the product to make it less salient, and we explored downstream consequences (purchase intention).

### Method

Two-hundred and eighty-seven undergraduate students completed this study in the behavioral lab of a mid-Western business school for course credit: two were excluded for failing attention checks (details in MDA; final sample:  $n = 285$ ; 45.96% females,  $M_{\text{age}} = 20.13$ ).

Participants were shown a liquid hand soap advertisement (ad), which contained a product picture and description. We gave a long description of the product and embedded the firm size manipulation within this – we provided many product attributes such as “gentle formula”, “energizes dull skin”, “respects pH balance”, and our description of firm size was just one more piece of information (figure 2).

We measured participants’ purchase intention using three items (7-point scales; adapted from Elder & Krishna, 2012; Cronbach’s Alpha = .83; details in MDA). As a measure of perceived naturalness, we used a constant sum scale as in study 1, with the two items to estimate being “natural” vs. “artificial” ingredients. Participants were told that “In general, soap can contain both natural ingredients (such as vegetable oils) and artificial ingredients (such as synthetic fragrances)”. Following purchase intention and perceived naturalness questions, participants answered two decoy questions (about package attractiveness and soap feel). These questions were added to make the naturalness variable stand out less and conceal the purpose of the experiment. As expected, firm size did not have an effect on either decoy variable ( $ps > .20$ ).

A manipulation check after these main questions confirmed that participants perceived the firm as being smaller in the *small* (vs. *large*) condition ( $p < .01$ ).

To test for possible explanations for our effects, after two attention check questions, participants indicated the extent to which they agreed with five statements regarding firms: “large firm = more artificial products”; “small firm = less processed products”; “large firm = less socially responsible”; “small firm = less profit-oriented”; “small firm = more natural resources access” (exact statements provided in MDA).

## Results

To test the effect of firm size (0 = *small*, 1 = *large*) on perceived naturalness and, consequently, on purchase intention, we used the PROCESS macro model 4 (Hayes, 2018; 95% confidence level; 5000 bootstrap samples). Results confirmed the significant effect of firm size on perceived naturalness ( $\beta = -13.04, p < .01$ ), and of perceived naturalness on purchase intention ( $\beta = .01, p < .01$ ). The direct effect of firm size on purchase intention was not significant ( $p > .20$ ); nor was the total effect ( $p > .50$ ). However, the indirect effect of firm size on purchase intention, through perceived naturalness, was significant ( $\beta = -.17, 95\% \text{ CI: } -.29, -.08$ ). These results (figure 3) suggest an indirect-only mediation (Zhao, Lynch, & Chen, 2010): smaller firm size leads to higher perception of naturalness ( $M_{\text{small}} = 53.96\%$ ,  $SD_{\text{small}} = 24.12\%$  vs.  $M_{\text{large}} = 40.92\%$ ,  $SD_{\text{large}} = 23.55\%$ ), which in turn leads to a higher purchase intention.

The significant indirect effect, but non-significant total effect ( $M_{\text{small}} = 2.96$ ,  $SD_{\text{small}} = 1.11$  vs.  $M_{\text{large}} = 2.96$ ,  $SD_{\text{large}} = 1.20$ ) suggests that firm size may impact purchase intention through multiple competing routes. While small firm size may signal increased naturalness, and consequently increase purchase intention, there may also be some strong negative perceptions related to firm size, which result in a null overall effect on purchase intention (MacKinnon, Krull, & Lockwood, 2000; Rucker et al., 2011; Zhao et al., 2010). We test for purchase intention again in study 4.

*Beliefs regarding firm size.* The means for the five statements, which reflect beliefs regarding firm size, were not significantly different across the two firm size conditions ( $ps > .05$ ), and are hence pooled across conditions (figure 4). All five means are significantly different from the midpoint (i.e., value 4;  $ps < .01$ ) and from each other ( $ps < .05$ ), with beliefs related to size-naturalness association (i.e., “large firm = more artificial products”, and the less direct

“small firm = less processed products”) being the only ones significantly higher than the midpoint: i.e., participants believe quite strongly that products of larger firms are more likely to contain artificial ingredients and be more processed.

We estimated five moderated-mediation models which include the five beliefs (figure 4) as moderators into the model presented in figure 3. The only belief that (marginally) moderated the effect of firm size on naturalness was the “large firm = more artificial products” belief; this was also the belief of interest since it pertains to a conscious association between firm size and naturalness (method adapted from Raghurir & Valenzuela, 2006).

The MDA reports details for all five moderated-mediation models, but the results for “large firm = more artificial products” belief as moderator are also provided in table 1 here. Importantly, the interaction of firm size and the belief is marginally significant ( $p < .10$ ), implying a moderation of the effect of firm size on perceived naturalness.

To explore this interaction further, we looked at conditional effects of firm size, at one standard deviation below and above the mean of the moderator (“large firm = more artificial products” belief). Table 1b shows a larger conditional effect of firm size on perceived naturalness at a high versus low value of the belief ( $B_{M-1SD} = -8.48$ ,  $B_{M+1SD} = -18.33$ ). This suggests that a stronger conscious belief that smaller firms make more natural products than larger firms results in a stronger effect of firm size on perceived naturalness; and consequently a stronger indirect effect on purchase intention (Index of moderated mediation marginally significant:  $-.04$ ; 90% CI:  $-.08$ ,  $-.003$ ; CI was obtained repeating the bootstrap analysis, with confidence level set to 90%). The direct effect of firm size on purchase intention is not significantly impacted by the strength of the belief.

Study 2 provides evidence for an indirect-only mediation effect of firm size on purchase intention, through perceived naturalness. Furthermore, people may hold the belief regarding firm size and product naturalness consciously, and the firm size-naturalness association is stronger when this conscious belief is stronger.

In the next study, we explore whether the size-naturalness belief is also held implicitly.

### Study 3

In study 3, we used the implicit association test (IAT) procedure (Greenwald, McGhee, & Schwartz, 1998) to investigate whether people hold the “small firm = natural product” (“big firm = artificial product”) association implicitly. This procedure consists of binary categorization tasks: the categorization is expected to be faster when the two categories related to the same response key are congruent versus incongruent.

#### Method

Two-hundred and ninety undergraduate students completed the study in the lab of a mid-Western business school for course credit: five were excluded by the IAT algorithm (final sample:  $n = 285$ ; 50.90% females,  $M_{\text{age}} = 20.12$ ).

We conducted a pretest (details in MDA) to select four words to use for “natural product” (*organic, herbal, raw, unprocessed*) and “artificial product” (*synthetic, plastic, fabricated, processed*) categories. We selected four words used in everyday language for the “small company” (*little, tiny, micro, smaller*) and “big company” (*huge, large, giant, bigger*) categories.

Participants were presented with seven blocks: five practice and two main blocks (details in MDA). In the main “congruent” block, participants assigned words on the screen to the “*natural product or small company*”, or the “*artificial product or big company*” categories. In the main “incongruent” block, the categories were paired in the opposite way (i.e., “*artificial product or small company*” and “*natural product or big company*”).

#### Results

The overall IAT effect was significant ( $M_{\text{Dscore}} = 0.31$ ,  $SD = 0.45$ ,  $t(284) = 11.64$ ,  $p < .01$ , 95%  $CI_{\text{D-score}} [.26, .37]$ ,  $d = .69$ ); and response times were shorter in the congruent versus incongruent block ( $M_{\text{congruent}} = 898.54\text{ms}$  vs.  $M_{\text{incongruent}} = 1030.12\text{ms}$ ). These results provide evidence for the “small firm = natural product” (“big firm = artificial product”) implicit association. Another IAT study (details in MDA), showed an implicit association of the broad concepts of size and naturalness: “small = natural”, “big = artificial”.

### Study 4



When this study was being planned (March 2020), COVID-19 spread around the world and popular press suggested that in this situation of high anxiety, consumers would have higher trust in large firms and prefer to buy from them (e.g., <https://www.thegazette.com/subject/news/nation-and-world/as-coronavirus-disrupts-daily-life-consumers-seek-comfort-old-brands-20200429>; <https://www.beveragedaily.com/Article/2020/05/06/Back-to-the-big-brands-Coronavirus-shapes-beverage-consumer-trends>). But, could "small size" still cue "naturalness" and impact purchase intentions?

In line with the context, we used hand cream as the product and told participants “You have probably been using a lot of soap and disinfectant over these past weeks, and you need to keep your hands nourished. On the next page, you will be shown an ad for a hand cream.”. Additionally, we cued firm size in an ecologically valid manner, using the number of stores on a store locator map. Furthermore, to explore whether the firm size effect is driven more by the small-natural or the large-artificial association, we included a control condition with no mention of firm size.

## Method

Two-hundred and fifty-two undergraduate female students of a mid-Western business school completed this study (online) for course credit. We use only females since the product and ad shown are more relevant for them. Three students were removed for not passing an attention check (details in MDA; final sample:  $n = 249$ ;  $M_{\text{age}} = 20.00$ ).

Participants saw a hand cream ad which contained a product picture, price and description. The ad either had no mention of the number of stores (*control* condition), or mentioned three stores (*small* condition), or three hundred stores (*large* condition), with stores shown on a U.S. store locator map (figure 5). In both the *small* and *large* condition, one store was located in the state where the business school is located.

We measured participants' purchase intention using three items (details in MDA; Cronbach's Alpha = .83), and perceived naturalness using a constant sum scale, as in study 2. Participants also answered two decoy questions as in study 2, which yield no difference across the three conditions ( $ps > .50$ ).

A manipulation check showed that perceived size was significantly different when comparing all three conditions to one another ( $ps < .05$ ), and smallest in the *small* condition, and largest in the *large* condition, with *control* in between.

We asked participants to evaluate how surprising, novel, and vivid the information was in the ad they saw, to make sure the firm size conditions did not differ on these dimensions – they did not ( $ps > .10$ ).

Next, we measured participants' expertise with hand creams, and expertise with natural/organic products (details in MDA) as potential moderators. The two expertise measures did not vary across firm size conditions ( $ps > .50$ ).

## Results

We estimate model 4 of the PROCESS macro (Hayes, 2018; 95% confidence level; 5000 bootstrap samples), with firm size as the independent variable, purchase intention as the dependent variable, and perceived naturalness as the mediator. The baseline for firm size is the *control* condition, and two dummy-coded parameters reflect the *small* and *large* condition (Hayes & Preacher, 2014).

We find (table 2) that the *small* firm (vs. *control*) has higher perceived naturalness ( $\beta = 9.22, p < .01$ ), while the effect of the *large* condition is not significantly different from *control*. This suggests that the firm size effect on perceived naturalness is driven more by the small-natural association. The results also confirm the significant positive effect of perceived naturalness on purchase intention ( $\beta = .01, p < .01$ ).

The relative indirect effect of *small* firm size (vs. *control*) on purchase intention, through perceived naturalness, was significant, and positive ( $\beta = .11, 95\% \text{ CI: } .02, .24$ ): i.e., small firm size had higher perceived naturalness which then increased purchase intention. The direct and total effects of firm size on purchase intention were not significant for the *large* condition (vs. *control*;  $ps > .50$ ), but were significant and negative for the *small* condition (vs. *control*;  $\beta_{\text{direct}} = -.55, p < .01$ ;  $\beta_{\text{total}} = -.44, p < .05$ ; raw purchase intention means:  $M_{\text{small}} = 2.58, SD_{\text{small}} = 1.28, M_{\text{control}} = 3.02, SD_{\text{control}} = 1.15; M_{\text{large}} = 3.00, SD_{\text{large}} = 1.15$ ).

Repeating the mediation analysis with the *small* firm size condition as baseline, confirmed that perceived naturalness was significantly lower in the *large* (vs. *small*) condition ( $\beta = -7.57, p < .05$ ) and showed a significant relative indirect effect on purchase intention ( $\beta = -.09, 95\% \text{ CI: } -.21, -.01$ ). The mediation results for the relative effects of *large* (vs. *small*) firm size are summarized in figure 6, and point to a competing mediation (Zhao et al., 2010), suggesting, as in study 2, that there exist competing underlying effects of firm size on purchase intention that require further research.

*Expertise.* Expertise with natural/organic products had a marginal ( $p = .06$ ) conditional interaction with *small* (vs. *control*) firm size effect on perceived naturalness (details in MDA). [Expertise with hand creams was not a significant moderator]. Spotlight analysis showed that only average and high levels of expertise resulted in a significant *small* (vs. *control*) firm size effect on naturalness, suggesting that consumers with expertise on naturalness may be more prone to make the “smaller firm = more natural products” association. However, while showing the same trend, the interaction of expertise with the *small* vs. *large* firm size effect was not significant ( $p > .10$ ).

Our results show that even in a situation where large firms are favored, the small firm size holds a naturalness association and can help with purchase intention. The firm size effect seems more driven by the “small-natural” association rather than the “large-artificial” association. However, this result needs to be explored further to understand what exactly the control condition conveys about the product and the firm.

### **General Discussion**

Our results indicate that consumers may rely on firm size as a cue when evaluating product naturalness, such that there is a “smaller firm = more natural product” intuition. The intuition seems driven more by small firms being associated with natural, than by large firms with artificial. Furthermore, we find that the increase in perceived naturalness translates to an increase in purchase intention. However, while we find a positive indirect effect through increased perceived naturalness, we do not find an overall effect of small firm size on purchase intention – suggesting the existence of competing mediators, operating in the opposite direction.

Preliminary evidence from an online posttest indicates that in contexts of high uncertainty, such as the 2020 pandemic, consumers may expect it to be more difficult to shop from a smaller firm. Further thought and testing is needed on competing underlying processes activated by the firm size cue.

Our findings on firm size are particularly relevant given a climate of frequent mergers and acquisitions, with many larger firms buying small “health food” or “organic product” firms. For example, Coca Cola acquired Honest Tea (organic bottled tea), Colgate-Palmolive purchased Tom’s of Maine (natural personal care products), Clorox owns Burt’s Bees (natural skincare products), and Kellogg’s purchased Kashi (organic food). Anecdotal evidence from Twitter suggests that these mergers make consumers question the continuing naturalness of products (e.g., “Clorox owns Burt's Bees. Colgate owns Tom's of Maine. Kind of losing faith in all the "natural" products out there.”), inviting more research on mergers.

At a more conceptual level, we show the importance of understanding how firm cues affect product perception, a topic with little research. While firms’ overall ability and corporate social responsibility as cues for product goodness have been studied (Brown & Dacin, 1997; Sen & Bhattacharya, 2001; Bhattacharya & Sen, 2004), there is much more work that can link various firm cues (e.g., gender-ratio of the workforce, whether the workforce is domestic or international, political affiliation of the CEO) to perceptions of various product attributes (e.g., level of quality control, how environmental the product is, technical sophistication, customer service).

Future research could also test for ways in which firms can signal their size to consumers: for example, through brand names (e.g., having “small”, “little”, “tiny”, in the name), or through “stories about the firm” on their packaging; and could investigate how the “size-naturalness” association interacts with different dimensions of brand equity, such as firm expertise and trust.

Finally, more research can be done to disentangle the conscious and unconscious nature of the “small = natural” association, and explore other contexts in which this association may have a role. We hope that our research spurs additional work in all these areas.

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**Table 1.** Study 2: Moderated mediation model (Hayes Model 8: 5,000 draws, CI 95%).

<b>TABLE 1A:</b> Model output				
Independent variable	<b>DV: PERCEIVED NATURALNESS</b>		<b>DV: PURCHASE INTENTION</b>	
	<b>B (SE)</b>	<b>p</b>	<b>B (SE)</b>	<b>p</b>
<b>Constant</b>	<b>54.24 (1.97)</b>	<b>.000</b>	<b>2.28 (.18)</b>	<b>.000</b>

<b>Firm Size</b> (0 = small, 1 = large)	<b>-13.40</b> (2.77)	.000	.16 (.14)	.26
<b>Perceived Naturalness</b>	--		<b>.01</b> (.003)	.000
<b>“Large firm = more artificial products” belief</b>	<b>4.44</b> (1.31)	.001	-.004 (.06)	.96
<b>Firm Size * “Large firm = more artificial products” belief</b>	-3.14 (1.78)	.079	.11 (.09)	.20

**TABLE 1B:** Conditional effects of Firm size at different values of the moderator (“Large firm = more artificial products” belief; mean-centered)

Moderator value	EFFECT ON PERCEIVED NATURALNESS		INDIRECT EFFECT ON PURCHASE INTENTION THROUGH PERCEIVED NATURALNESS		DIRECT EFFECT ON PURCHASE INTENTION	
	<i>B</i>	95% CI	<i>B</i>	95% CI	<i>B</i>	95% CI
<b>M – 1SD = -1.57</b>	<b>-8.48</b>	-16.21, -.75	<b>-.11</b>	-.23, -.01	-.01	-.39, .36
<b>M = 0</b>	<b>-13.40</b>	-18.87, -7.94	<b>-.17</b>	-.29, -.07	.16	-.11, .43
<b>M + 1SD = 1.57</b>	<b>-18.33</b>	-26.08, -10.57	<b>-.23</b>	-.40, -.10	.33	-.06, .71

*Note:* Coefficients significantly different from zero are in bold.

**Table 2.** Study 4: Mediation model (Hayes Model 4: 5,000 draws, CI 95%).

DV: PERCEIVED	DV: PURCHASE INTENTION
---------------	------------------------

Independent variable	NATURALNESS			
	<i>B</i> (SE)	<i>p</i>	<i>B</i> (SE)	<i>p</i>
<b>Constant</b>	<b>56.22</b> (2.36)	.000	<b>2.32</b> (.23)	.000
<b>SMALL Firm size<sup>a</sup></b>	<b>9.22</b> (3.43)	.008	<b>-.55</b> (.19)	.004
<b>LARGE Firm size<sup>a</sup></b>	1.65 (3.22)	.61	-.04 (.18)	.82
<b>Perceived Naturalness</b>	- -		<b>.01</b> (.004)	.001

*Note:* <sup>a</sup>Control condition is the baseline. Coefficients significantly different from zero are in bold.



Please look at this set of towels and then answer the question below.

Please note that behind your computer screen there is an envelope with a sample of these towels inside it. Please take the towel sample out of the envelope and feel free to look at it for as long as you want. When you have finished looking at the towel sample, please put it back in the envelope.

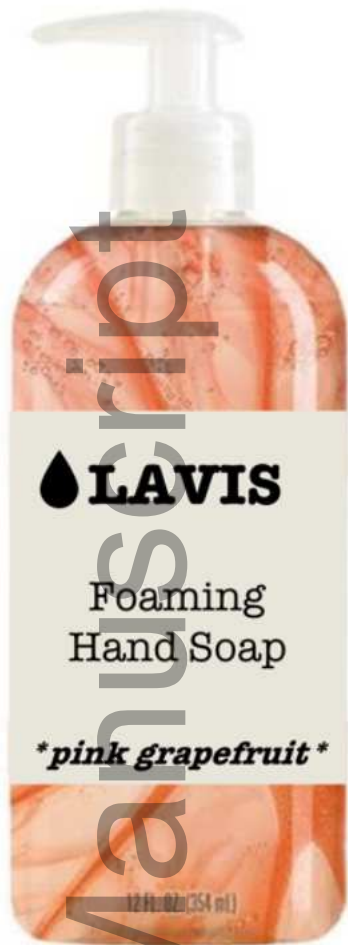


These towels were produced by a small company of 20 employees. They are made of a ~~combination~~ irregularly green cotton and non-regularly green cotton.

How of the towel set:



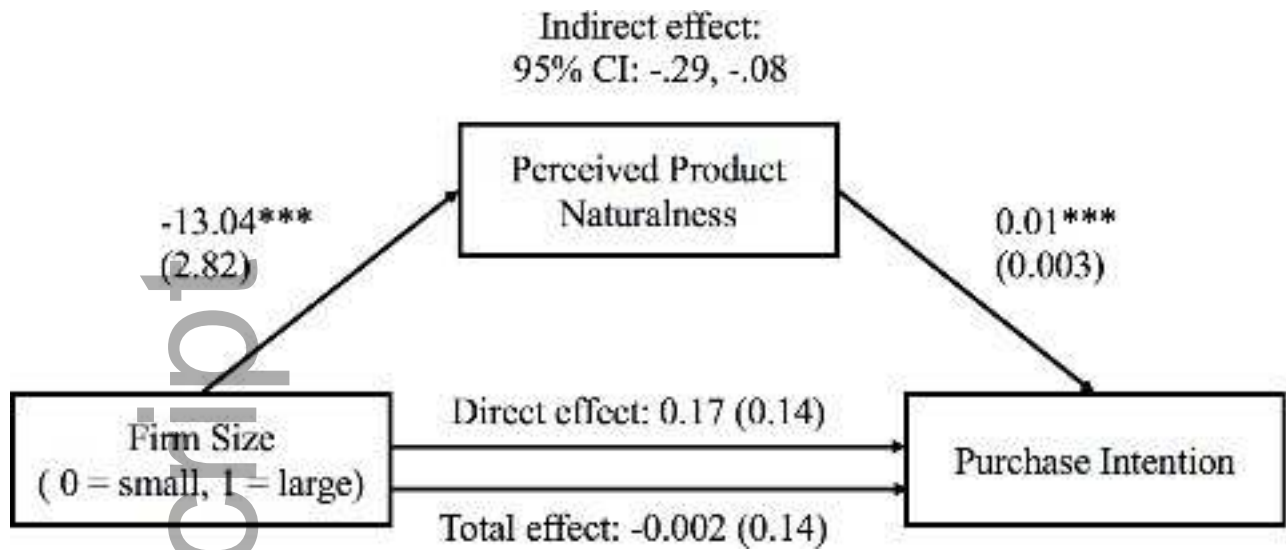
jcpy\_1210\_f1.png



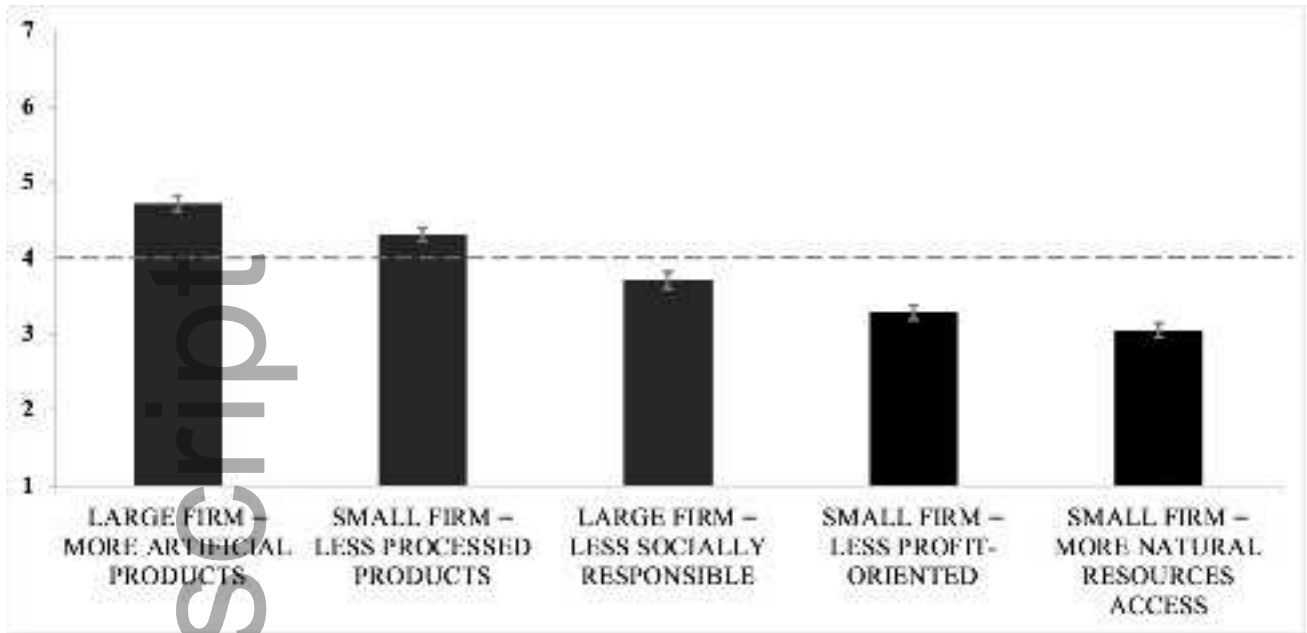
***Treat your hands well!***

Infused with pink grapefruit extract, this soap has a gentle formula that cleans your hands without leaving them dry. It energizes dull skin, while respecting its pH balance. It is made by Lavis, a small US company of 30 employees, always working hard to offer you and your skin the best products.

jcpy\_1210\_f2.png



jcpy\_1210\_f3.png



jcpy\_1210\_f4.png

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**Treat your hands well!**



This hand cream is enriched with Shea Butter, and a blend of almond milk and honey for added nourishment. Vitamins A and E help heal and soothe dry and cracked skin. The cream is absorbed rapidly, leaving your hands soft and smooth.

Visit one of the three SOLEN stores in the US to discover the full range of SOLEN skincare products.

Price per unit: \$4.99

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Locate a store



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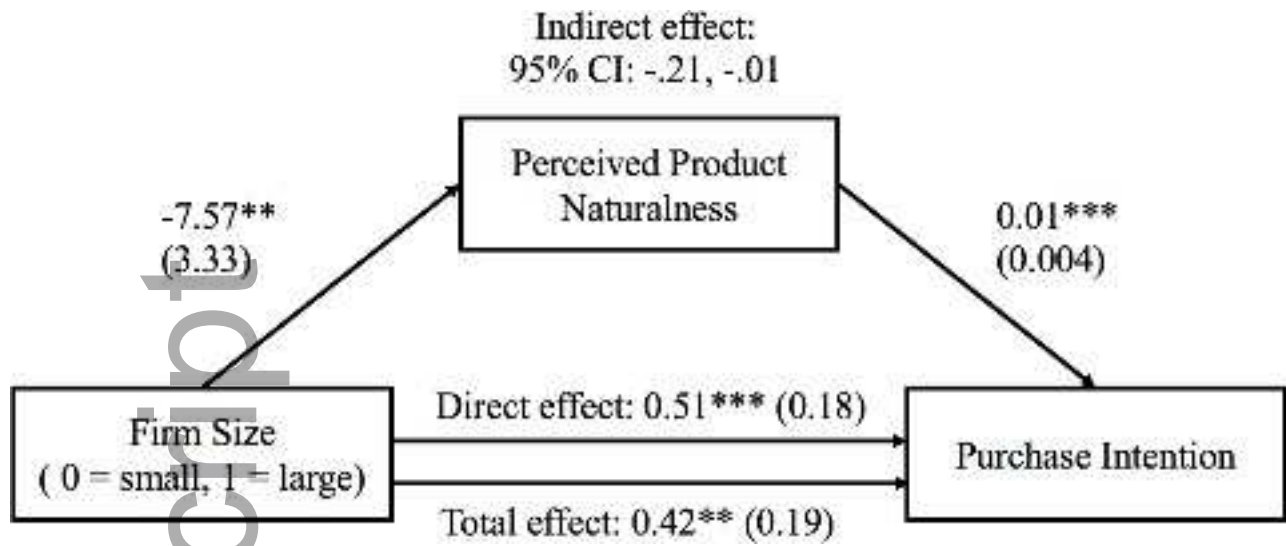
Visit one of the three SOLEN stores in the US to discover the full range of SOLEN skincare products.

Locate a store



Price per unit: \$4.99

jcpy\_1210\_f5.png



jcpy\_1210\_f6.png