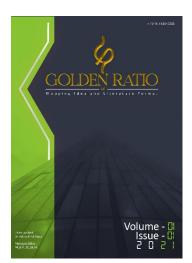


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MAPPING IDEA & LITERATURE FORMAT

Theoretical Implications of Theory Planned Behavior on Purchasing Decisions: A Bibliometric Review

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Abstract: This study uses a bibliometric literature review approach with a sample mapping literature of 10 articles regarding planned behavior theory approaches to purchase decisions; Reference articles from 2007 - 2021 under publisher Elsevier (e.g., LWT, Journal of Retailing and Consumer Services, Journal of Interactive Marketing, Regional Science and Urban Economics, Food Quality and Preference Journal, Energy Policy, Decision Support Systems Journal, and Industrial Marketing Management). Universally, the results of this literature study state two propositions and hypotheses (e.g., Firstly, the theoretical implication states that there is a robust theoretical correlation between the theory of Planned behavior on purchase decisions; secondly, the correlation of planned behavior theory in aspects of management (e.g., marketing, Technology, and HRM) make a positive contribution as a grounded theory to explain antecedent variables and their correlation to other approaches)

Keywords: Purchase Decision, Marketing, Theory Planned Behavior

JEL Classification Code: M30, M31, C44, D11

1. INTRODUCTION

The decision to buy goods or needs is influenced by various factors, as found in several studies. Purchasing decisions can be affected by local government regulations or regulations. Since 2000, China has issued restrictions on housing purchase with a minimum requirement of working for several years in a city. Of course, this decision will successively influence a person to choose school paths, jobs, and locations (Sun, Zhang, Lin, & Zheng, 2021). The decision to buy a house is one of the most important considerations when looking for work in various cities when choosing a private or government job. Other researchers found that purchasing decisions are also influenced by purchasing factors due to prior planning or no planning. If the purchase of necessity is planned, the next purchase is likely to repeat itself. In contrast to unplanned purchases, it proved to be very unlikely to buyback. Another effect of using heuristics and considering payment methods can be a practical retail strategy. This means that the impact of previous purchases will affect subsequent purchases and the way of payment (Sohn & Ko, 2021). The easier the payment method, it turns out that the more purchases it makes. The planned mindset will further influence the purchasing decision. Activities and cognitive thinking patterns affect the effectiveness of actions and goals.

Green marketing strategies also influence purchasing decisions. This means that entrepreneurs need to emphasize the green brand image (environmentally friendly), green brands' linkage with services, and green brand equity (Tsai et al., 2020). The green marketing strategy will attract consumer attention. Green campaigns are one way to attract buyers. The principle of sustainable development of a green transportation system can be explicitly applied to large and medium-sized cities and a provision for consumers to change consumer behavior and increase the likelihood of interest in green brand products. Likewise, the decision to purchase a vehicle can be influenced by the rate of change in oil prices. This further confirms that one product is bound and affects the other (Du & Lin, 2017).

The appearance or layout will also be a determining factor for consumers. The ease and attractiveness of website pages or online sites influence consumer purchasing behavior. Including the ease of finding products and other types of identical products that complement each other will increase purchase interest. This means that when a product's appearance is aligned with an unrelated development, purchasing decisions tend not to affect (Lu et al, 2020). The purchasing decision,





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according to other researchers, is revealed to be higher online than offline. The level of interactivity and spatial visualization information influence consumer interest. The spatial interface relationship is an easy choice for consumers to explore their needs and get them. Ease of service for buyers is the main thing in influencing buying interest. Style and visual attractiveness affect purchase interest (Kang, Shin, & Ponto, 2020). Apart from the factors above that influence purchasing decisions, it is also related to the salesperson's performance in delivering the available products and services. It means that salespeople and communication strategies, agent or retail characteristics affect the sales effectiveness of the group of purchasing decisions by consumers (Hartmann et al, 2020). This further shows that the promotion orientation focuses on rational persuasion and attractiveness, and inspiration for consumers.

Another exciting thing is that consumers' direct involvement influences purchasing decisions in determining the value of a product or service. When consumers submit complaints or information about the product purchased, the input is well responded to by the producer. This will increase consumer confidence in remaining loyal to the product. The prerogative of consumers to get information about products and services will trigger consumer loyalty (de Carvalho et al, 2020). Conjoining analysis states that the relative importance is based on customer perceptions of a particular product and the utility value that arises from the related product attributes. A choice-based conjoint method is a new approach to analyzing consumer needs based on one specific segment. For example, this calorie sensitive group of consumers does not have a significant preference for sugar or cooking. Product attributes and specific value requirements influence purchasing decisions (Enneking, Neumann, & Henneberg, 2007).

2. Literature Review Procedure

This study uses a bibliometric literature review approach with a sample mapping literature of 10 articles from 2007 to 2021 under the publisher Elsevier (e.g., LWT, Journal of Retailing and Consumer Services, Journal of Interactive Marketing, Regional Science and Urban Economics, Food Quality and Preference Journal, Energy Policy, Decision Support Systems Journal, and Industrial Marketing Management). Table 1 illustrates the results of the literacy mapping that we have summarized. In connection with the presentation in the Introduction section, the proportion of our analysis results has also been stated in section 3.

3. Conclusion and Proposition

- H1: By implication, the theory states that there is a robust correlation theoretically linkages Theory of Planned Behavior to the purchase-decision;
- H2: Correlation Theory of planned behavior theory in the aspect of the field of management (e.g., marketing, Technology, and HRM) make a positive contribution as a grounded theory to explain the variable antecedent and also its correlation to other theories.

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(Tsai et al., 2020) (Sohn & Ko, 2021) 2021) Lin, & Zheng, (Sun, Zhang, Imagine a and environmental green marketing This study looks China's home Starbucks promoted Graduate consumer visiting sequential a market purchase for a subsequent willingness to pay differences in the at possible purchase purchasing purchase in precedent or unplanned either a planned occurring after University (2006– students from situations Tsinghua (HPR) restrictions **Unit Analysis** Justification heuristic • Planned/unplanned Green brand equity: • Green brand relationships Shopping momentum Home purchase Job search Green brand image Green management Mental accounting Payment method Homeownership restrictions Recognition and belief Willingness to continue brand (V1) in the environmental to purchase and use commitment of the the green brand (V2) Design and development of increasing the likelihood of a Precedent purchases affect a culture, sports, and electricity, heat, gas, and information transmission, finance; Green brand image: Establishment of green • Implementation of green Promotion of cleaner Green management: job Search Scientific research and corporate culture technology services; software, and information marketing activities green products subsequent purchase of an subsequent purchases consumer's preferences in supply; and technology services; production unrelated product water production and entertainment Indicator/Measurement Table 1: Mapping Literature study the overall Vlse Kriterijumska consumer mental A difference in sub-indicator using performance of budgeting difference in method was found implementation of and control group working in Beijing graduate students was then used to the treatment group increased visibly by relevant to their and their jobs empirical data. each indicator and Resenje (VIKOR) Optımızacıja The method of to result in a after the fields of study The proportion of Kompromisno Research Gap Theory of reasoned Theory Planned Prospect theory Theory Planned Behavior Theory Planned action model proposed Theory of mental accounting (Kahneman by Ajzen and Fishbein Thaler, 1985, 1999). and Tversky, 1979; Behavior Behavior (1980)greatest impact on other factors. Starbucks should therefore • The moderating effect of the payment method on the • The moderating effect of heuristic justification on the • In sequential purchasing situations, whether the previous especially the choice of location, the choice of public versus employment decisions of students about their first jobs, All graduate learners and green management have been found to have the Among the factors investigated, the network of influence and how the implementation of HPRs affects the From 2006 to 2016, Tsinghua University will study whether throughout its operations; and the promotion of green absence of mini-consumption of consumables and energy use of green materials for the construction of stores; the improve its green management through, for example, the job and their field of study private sectors, and the quality of the match between the purchase subsequently made. The results showed that the relationship between the previous purchase planned subsequent purchase; and relationship between a previous purchase planned willingness to pay for the subsequent purchase; purchase is planned or unplanned affects the maximum method of payment is not related to planned purchases. (unplanned) and the maximum willingness to pay for the (unplanned) and the maximum willingness to pay for a



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(Hartmann, Plouffe,	(Kang, Shin, & Ponto, 2020)	(Lu, He, Lian, Ba, & Wu, 2020)		Authors
22 respondents employed by SMEs in the USA and	VR commercial applications available in app stores (e.g., IKEA's Home Improvisation, Wayfair's Home Patio) and searched reviews about each VR application on the web. All reviews were obtained between April 2018 and June 2018	Online forum; e-commerce websites which serve as consumers' communication platforms		Unit Analysis
SalesSalespeople Buying agents Regulatory focus Trust	 Interactivity Informativeness Playfulness Playfulness the presence of visual-spatial cues in the 3D stereoscopic display Highly detailed graphics representations A playful shopping experience Purchase Intention the preference for hedonic product attributes 	 Focal product page browsing Focal product information patch Non-focal product information patch Product-unrelated information patch Focal product page revisit Focal product page revisit Focal product page revisit Focal product information patch Non-focal product information patch Product-unrelated information patch Focal Product Purchase 	✓ Trust in the attention paid by the brand to environmental protection	Variable
"I can't remember the salesperson ever using this tactic with me" to "The	Still imageVideo3D web virtual room	 Webpages that contain the information textual information containing web links user interaction with content-based image retrieval 	 Types of green brand associations Favourability of green brand associations Strength of green brand associations Uniqueness of green brand associations 	Indicator/Measurement
A sales strategy that emphasizes making	To examine the interplay between informativeness and playfulness and its impact on decision-making in consumer purchases	By drawing on information foraging theory (IFI) and using a unique data set, this research gap.		Research Gap
• Regulatory fit theory (Higgins, 2005; Higgins et al., 2001)	 Construal-Level Theory Theory Planned Behavior 	 Information foraging theory (IFT) Theory Planned Behavior 		Theory
The relationships within a category between influence tactics (i.e. non-coercive, soft-coercive, hard-coercive) are not systematically greater than those between categories.	In addressing these questions, Interface provides interactivity, visual spatial cue, and graphics quality. As predicted, both interactivity and visual-spatial reference had a significant impact on the dimensions of information and playfulness of a virtual interface. Interactivity that allows shoppers to move and rotate the product freely greatly improves the perceived level of information and the playfulness of a shopping interface. Another critical factor that can make virtual shopping more informative is the visual spatial cue that shows the product in life-scale size with 3D stereoscopic displays.	This research provides insights into how browsing online forums influences the purchasing behavior of consumers and helps e-commerce website managers optimize the designs of their websites. For example, given that browsing the focal product forum has a positive impact on the probability of buying, links to focal product online forums on focal product pages can increase the probability of buying.		Result





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(Enneking, Neumann, & Henneberg, 2007)	(Du & Lin, 2017)	(de Carvalho, Ventanas, Olegario, Madruga, & Estévez, 2020)	Authors Kohsuwan, & Cote, 2020)
621 consumers tasted three soft drinks and chose the product most preferred	Kai Di Net Company (KDNET)3 in August 2016. KDNET has its own app for smart phones, and it takes a lot of effort to advertise on major network platforms. Consumers will receive questionnaire alert by mobile app	Consumers' degree of knowledge, acceptability, and purchase intention of chicken breasts affected by the white striping (WS) myopathy	Unit Analysis involved in purchasing services, who often interacted (at least once per month) with sales representatives
 Supermarket Beverage store Filling station Price Brand Sugar Way Sports Age 	 Sex Age Income Public Park Congestion Displacement Distance Oil use 	Muscle defectsConsumer consciousnessAcceptabilityEmotions	Variable • Purchase decision
 Where do you prefer shopping for CSD? Supermarket Beverage store Filling station When buying CSD I pay attention toprice brand sugar content When do you drink CSD? on the way 	 Do you think automobile exhaust is an important cause of air pollution? Do you think that individual consumers should be responsible for the quality of the environment? Provided that you have ignored oil price and other economic factors, would you choose a low-emission car or clean energy car just for energy-saving and emission-reduction? 	 Color Odor Flavor Texture Overall acceptability 	Indicator/Measurement salesperson used this tactic very often with me"
The effects of the combination of sensory stimuli, both intrinsic and extrinsic, in product evaluation	Purchased cars and the potential consumers with purchase intention respectively	This study consisted of two experiments, each of which used a different approach based on the visual appearance of the raw samples to measure acceptance and purchase intent (N, WS-M and WS-S)	Research Gap a "safe" (vs. risky) decision
Theory Planned Behavior	Theory Planned Behavior	Theory Planned Behavior	Theory Theory Planned Behavior
Interviewees who judged themselves to be price sensitive In comparison to the private label, they have a significantly lower probability of choosing the premium national brand. For those that pay attention to brands, the opposite is true. Interestingly, the private label over the national brand is preferred by respondents who look for sugar content. The premium brand, which attracts younger consumers instead, is probably conceived as a sweet CSD.	There is a significant correlation between the sensitivity of car-owned consumers to the price and revenue of oil as well as the annual mileage. Consumers with incomes of between 200 and 300 thousand yuan and over 300 thousand yuan are more likely to choose a higher price with regard to annual income. The sensitivity of the price of oil is therefore significantly lower than for the low-income consumer group.	Consumers recognize these white marks as uncommon for a chicken breast even in this unconscious situation, and that function decreases the visual acceptability and purchase intent of WS chicken breasts.	Result However, with the relationship building perspective scheme, the correlations between the influence tactics within one of the two categories (i.e., supports relationship building, contradicts relationships building) are systematically higher than those between the categories.

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Authors	Unit Analysis	Variable	Indicator/Measurement	Research Gap	Theory	Result
		Household	• during work out How old			
			are you?			
			 How many people live in 			
			your household?			



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