Evaluation of Factors Promoting Panic Buying in Retail Sector of Pakistan during COVID – 19 Pandemic



Amna Aslam 01-229192-001

Supervisor:

Dr. Asma Basit

Department of Business Studies

Bahria University Islamabad

SUBMISSION FORM OF THESIS FOR HIGHER RESEARCH **DEGREE BAHRIA UNIVERSITTY, ISLAMABAD**

Candidate Name: Amna Aslam

I have submitted 2 Copies of thesis for examination for the degree of M.PHIL (MS), Thesis

Titled: Evaluation of Factors Promoting Panic Buying in Retail Sector of Pakistan during Covid-19 Pandemic.

Candidate Signature:

Certificate of Principal Supervisor

I Dr. Asma Basit being the principal Supervisor for the above student, certify that thesis is in a form suitable for examination and that the candidate has pursued his course in accordance with the Rules of the University.

Signature:

Recommendation for Examination

I recommend that the thesis be examined.

Principal Supervisor:

Not Recommended for Examination

I recommend that the thesis be examined.

Principal

Supervisor:

Co-Supervisor:

Statement by the Head Faculty/Department

I support the submission of the thesis of the above named student for examination under the University Rules for higher degrees.

Signature:

Date:

Date:

Date:

Date:

Date:

Date:

APPROVAL SHEET

SUBMISSION OF HIGHER RESEARCH DEGREE THESIS

Candidate's Name: Amna Aslam

Discipline: M.PHIL

Faculty/Department: MANAGEMENT STUDIES

I hereby certify that the above candidate's work, including the thesis, has been completed to my satisfaction and that the thesis is in a format and of an editorial standard recognized by the faculty/department as appropriate for examination.

Signature(s):

Principal Supervisor: Dr. Asma Basit Date:

The undersigned certify that:

- 1. The candidate presented at a pre-completion seminar, an overview and synthesis of major findings of the thesis, and that the research is of a standard and extent appropriate for submission as a thesis.
- 2. I have checked the candidate's thesis and its scope, format; editorial standards are recognized by the faculty/department as appropriate.

Signature(s):

Dean/Head of Faculty/Department: _____

Date:

Author's Declaration

I, Amna Aslam hereby state that my M. PHIL thesis titled: <u>Evaluation of Factors Promoting</u> <u>Panic Buying in Retail Sector of Pakistan during Covid-19 Pandemic</u> is my own work and has not been submitted previously by me for taking any degree from this university <u>Bahria</u> <u>University, Islamabad Campus,</u> or anywhere else in the country/world.

At any time if my statement is found to be incorrect even after my Graduation the university has the right to withdraw/cancel my M.PHIL degree.

Name of student: Amna Aslam

Date: _____

Plagiarism Undertaking

I, solemnly declare that research work presented in the thesis titled "<u>Evaluation of Factors</u> Promoting Panic Buying in Retail Sector of Pakistan during Covid-19 Pandemic"

Is solely my research work with no significant contribution from any other person. Small contribution / help wherever taken has been duly acknowledged and that complete thesis has been written by me.

I understand the zero tolerance policy of the HEC and Bahria University towards plagiarism. Therefore, I as an Author of the above titled thesis declare that no portion of my thesis has been plagiarized and any material used as reference is properly referred / cited.

I undertake that if I am found guilty of any formal plagiarism in the above titled thesis even after award of M. PHIL degree, the university reserves the right to withdraw / revoke my M. PHIL degree and that HEC and the University has the right to publish my name on the HEC / University website on which names of students are placed who submitted plagiarized thesis.

Student / Author's Sign:

Name of the Student: Amna Aslam

ACKNOWLEDGMENT

First of all, thanks to Almighty *ALLAH* for giving me the strength and ability to understand, learn and complete this thesis.

Then I would like to extend sincere gratitude to my thesis supervisor Dr. Asma Basit for her help, encouragement, and continuous support. Her motivation, patience, and immense knowledge made me able to complete my thesis. Her guidance helped me in all the time of research writing of this thesis. I could not have imagined having a better advisor and mentor for my M.PHIL study.

Last but not least, I am indebted to my family. I would like to thank every family member for supporting me spiritually throughout writing this thesis and my life in general.

ABSTRACT

By the start of global crisis Covid-19 pandemic, it has changed the world's economy and the healthcare by creating uncertainty, fear and panic among people around the globe. Due to the implementation of lockdowns, Panic buying has emerged as a new phenomenon during coronavirus outbreak. Hence, there is a need to examine the panic buying behavior of consumers during Covid-19 in order to gain an understanding about this new phenomenon so that retail marketers and policy makers can get benefit. In this research, Stimuli Organism Response (SOR) model is being used in order to investigate that how Panic Buying is being done as a Response when e-WOM, Fear Appeal and Perceived Scarcity acts as Stimulus, and Social Media Information (SMI) acting as an Organism. This study is conducted in the twin cities of Pakistan i.e. Rawalpindi and Islamabad. Findings show that e-WOM, Fear Appeal have positive and significant relation with Panic Buying. However, Perceived Scarcity has no significant relation with Panic Buying. There is a positive influence of Social Media Information between e-WOM, Fear Appeal, Perceived Scarcity and Panic Buying. All the managerial and theoretical implications are discussed in detail.

Keywords: Panic Buying, E-WOM, Perceived Scarcity, Social media Information, Fear Appeal, Covid-19, Pandemic

Chapte	r 1: Introduction	1
1.1	Introduction	1
1.2	Research Gap	2
1.3	Problem statement	3
1.4	Objectives:	3
1.5	Research Questions	4
1.6	Significance of Study	4
Chapte	r 2. Literature Review	6
2.1	Impact of Pandemic /Covid-19 on Consumer Buying Behavior - Pan 6	iic Buying
2.2	Factor affecting Panic buying	7
2.2	.1 Electronic Word of Mouth (e-WOM) on Panic Buying	7
2.2	.2 Perceived Scarcity leading to Panic Buying	
2.2		C
Ret	ail Grocery Consumers	9
2.2	.4 Fear appeal: A Potential Factor inducing Panic Buying	10
2.3	Theoretical Framework: The SOR Model	11
2.3	.1 Stimulus (S): e-WOM, Perceived Scarcity and Social Media Inf 12	formation.
2.3	.2 Organism (O): Fear Appeal (FA)	13
2.3	.3 Response (R): Panic Buying	13
2.4	Operational Definitions of the Variables	13
2.4	.1 Panic Buying	13
2.4	.2 Social Media Information	14
2.4	.3 e-WOM	

Contents

2.	4.4	Perceived Scarcity	. 14
2.	4.5	Fear Appeal	. 14
Chapter 3: Research Methodology			
3.1	Qua	ntitative Research Approach	. 15
3.2	Res	earch Design	. 15
3.	2.1	Unit of Analysis	. 15
3.	2.2	Population	. 16
3.	2.3	Sampling	. 16
3.	2.4	Data Collection	. 18
3.3	Mea	asurement of variables	. 18
3.	3.1	Panic Buying (PB)	. 18
3.	3.2	Social Media Information (SMI)	. 19
3.	3.3	Electronic Word of Mouth (e-WOM)	. 20
3.	3.4 Fe	ar Appeal (FA)	. 20
3.	3.5	Perceived Scarcity (PS)	. 21
3.4		a Analysis Techniques: Partial Least Square – Structural Equation	
Mod	lelling	(PLS- SEM)	. 21
3.5	Тоо	ls / Software used for Data Analysis	. 23
Chapte	er 4: I	Data Analysis and Findings	. 24
4.1	Den	nographic Profile of the Respondents	. 24
4.2	Me	asurement Model	. 25
4.	2.1 Int	ternal Consistency and Convergent Validity	. 27
4.	2.2	Discriminant validity with HTMT	. 29
4.3	Str	uctural Model	. 30
4.	3.1	Assessment of Collinearity	. 30
4.	3.2	Hypothesis Testing and t-values	. 30

	4.3.3	3 Explanatory Power of the Model	31
	4.3.4	4 Effect Size (f ²)	32
Chapter 5: Discussion and Conclusion of the Study			
5.	.1	Discussion on Empirical Results	33
5.	.2	Discussion and Conclusion	35
5.	.3	Implications for Theory and Practice	35
5.	.4	Limitations	36
5.	.5	Future Direction for Research	36
References		38	
A	Appendix (A)4		46

LISTS OF FIGURES

Figure 1: Conceptual Framework	12
Figure 2: Research Model (Smart PLS 3.0)	26

LISTS OF TABLES

Table 1: Items to measure Panic Buying	
Table 2: Items to measure Social Media Information	
Table 3: Items to measure Electronic Word of Mouth	
Table 4: Items to measure Fear Appeal	
Table 5: Table No. 5: Items to measure Perceived Scarcity	
Table 6: Demographic Profile of the Respondents	
Table 7: Outer Loading	
Table 8: Convergent Validity	
Table 9: Discriminant Validity with Heterotrait-Monotrait Ratio (HTMT)	
Table 10: Collinearity Assessment	
Table 11: Results of Structural model and hypothesis testing	
Table 12: Related R-square	
Table 13: Effect size f ²	