

ANALYSIS OF OMNI-CHANNEL IMPLEMENTATIONS THAT ARE PREFERRED BY CONSUMERS IN CLOTHING SECTOR

Seher Kanat^{1*}, Turan Atılgan²

1 Department of Textile Engineering, Ege University, Bornova, İzmir, 35040, Turkey

2 Department of Textile Engineering, Ege University, Bornova, İzmir, 35040, Turkey

*Corresponding author. E-mail: seher.kanat@ege.edu.tr

Abstract:

The omni-channel strategy, which presents a continuous purchasing experience to consumers and which provides the full integration of different channels, promises the consumers an effortless, simple, and issueless buying process. In this context, this study aimed to analyze the consumer-preferred omni-channel implementations in clothing sector. At the same time, it also aimed to make suggestions, which are based on consumer desires, to clothing producers and marketers in the light of the obtained findings. An online survey is conducted to volunteer Turkish citizens, who are at the age of 18 or elder and who are the residents of Türkiye, in order to be able to obtain the data, which are used within the scope of this study. The relationships between omni-channel implementations are analyzed using statistical methods, such as exploratory factor analysis, t-test, and analysis of variance, on the basis of clothing sector. According to the obtained study results, Turkish consumers give great importance to omni-channel strategy and its elements. More specifically, they give great importance to the integration between physical and online channels, and they prefer a full information, customer services, and price integration between channels. The study results indicate that the consumers are aware of the advantages of omni-channel strategy and they demand these factors from enterprises, brands, and retailers. The study is detailed and comprehensive on the basis of both scope and used methods. All studies are designed on the basis of clothing sector, and all analyses and evaluations are actualized on this basis. In this context, this study differs and individuates from the other studies in the literature due to these aspects. This study both contributes to the deficiencies in sector's marketing and retailing areas and to the fulfillment of gap within the literature.

Keywords:

Omni-channel, consumer, clothing sector, marketing strategies, retailing

1. Introduction

Today's intensive rivalry conditions canalize enterprises toward differentiation and new product and service presentation to consumers. Customer satisfaction and customer loyalty become more important for the enterprises, especially for the ones whose ultimate outputs are bought by consumers. Clothing sector is one of the sectors, in which customer satisfaction and customer loyalty are at the forefront. Enterprises and brands use different strategies in order to provide customer satisfaction and loyalty in clothing sector, where the rivalry is intensive and the customer loyalty is low. Omni-channel strategy is one of the strategies, which have been used in this context and which have become prominent.

Omni-channel strategy is a retailing strategy, which aims to present continuous and effortless shopping experience to consumers by providing the full integration of different channels. Consumers give great importance to implementations, which ease their lives and decrease time pressure, in their intensive and stressful daily lives. Therefore, omni-channel strategy, which eases the shopping experience and provides effortless and enjoyable buying process, allures the consumers and helps the enterprises and brands, which successfully implement this

strategy, for becoming prominent. The enterprises and brands, which differentiate from their rivals and increase consumer satisfaction, achieve an increase in success, sales, revenue, and profit as an ultimate result.

In this context, this study aimed to analyze the consumer-preferred omni-channel implementations (price, discount, information share, delivery, services, etc.) in clothing sector. Within the scope of this aim, the most and least preferred omni-channel implementations are determined and differences and similarities between these implementations are found out on the basis of demographic properties. Besides, suggestions, which are based on consumer desires, are made to clothing producers and marketers by analyzing omni-channel implementations.

There are many studies in the literature, which analyze the omni-channel strategy in terms of retailer and/or entrepreneur. Within these studies, studies that give examples from the clothing/fashion sector [1,2] or that focus on clothing sector within different countries (United Kingdom, Holland, China, South Korea, and Türkiye) [2–6] can be found. On the other hand, there are also studies that analyze the omni-channel strategy on the basis of consumer and focus on different sectors in different countries (USA, United Kingdom, and Türkiye) [7–10].



However, the studies that analyze the omni-channel implementations on the basis of consumer and clothing sector are limited [11–17]. These studies have been actualized in USA, China, Romania, Holland, and Türkiye. Within the studies that have been performed in Türkiye, limited sample sizes have been used and the questions have not been prepared on the basis of clothing sector.

At this point, this study is detailed and comprehensive on the basis of both scope and used methods. All studies are designed on the basis of clothing sector and all analyses and evaluations are actualized on this basis. In this context, this study differs and individuates from the other studies in the literature due to these aspects. This study contributes to the deficiencies in sector's marketing and retailing areas and to the fulfillment of gap within the literature.

2. Definition and properties of omni-channel strategy

The widespread convergence of physical stores and online retailing has led many retailers toward omni-channel retailing in order to provide a continuous shopping experience to consumers in all sales channels [18]. Embracement of omni-channel model has caused the disappearance of the boundary between online and offline shopping and has turned the retailing world to an unwallled showroom [3,19].

Omnis means all or universal in Latin and states that all channels are together [20]. On the other hand, channel is a medium in which enterprise and consumer interact with each other [21]. In this context, omni-channel can be defined as continuous, effortless, and high-qualified customer experiences, which occurred between and inside the related channels [3]. Therefore, omni-channel strategy is the synergetic management of many existing channels and customer touch points, which will optimize the customer experience in channels and all channels' performance [20–24]. Omni-channel strategy or marketing is a customer-focused approach, which aims to provide a holistic shopping experience to customers by presenting a straight, flawless, and continuous buying process in all channels [11,20,25,26]. In other words, it is a synchronized and steady business model in which enterprise's all channels are linked and presented to customers as one face [27].

In omni-channel strategy, the obstacles between channels are blurred and the natural boundaries, which separate them at one time, disappear [25,26,28]. Therefore, all channels can be used in an interchangeable, flawless, and continuous manner in research, buying, and after buying processes [26]. When all channels are connected to each other, customers can start their journey in one channel and can end it in another channel. This provides a continuous and flawless experience, which increases the easiness and commitment, and a steady brand experience [25]. In omni-channels, inventories and order processes have been combined and customers can order from one channel (e.g., via smart phone), receive from another channel (e.g., home delivery), and return from a third channel (e.g., physical store) [29].

3. Method of the study

This study aimed to analyze the consumer-preferred omni-channel implementations (price, discount, information share, delivery, services etc.) in clothing sector. Besides, it aimed to determine the most and least preferred omni-channel implementations. Also, it aimed to make suggestions, which are based on consumer desires, to clothing producers and marketers in the light of the obtained findings.

In accordance with the aim of this study, a survey is conducted to consumers, who live in Türkiye and whose ages are 18 and over. The age of legal majority is 18 in Türkiye, so the Turkish citizens whose ages are 18 and over are incorporated in this study. According to the data of Turkish Statistical Institute [30], the population of Türkiye is 83,154,997 by 31.12.2019. The number of individuals, whose ages are 18 and over, is 60,278,199. Therefore, the sample size is calculated as 384 at 95% confidence interval with 5% error margin.

However, considering that the study is consumer-based and the results should represent the whole of Türkiye, it is thought that increasing the sample size may be more beneficial. Therefore, the targeted sample size is determined as at least 1,200. The individuals, who constitute the sample, are determined according to simple random sampling. Volunteerism principle is applied in survey participation.

A survey form, which consists of 8 main and 37 sub-questions, has been used as a data collection tool. Also, the survey has been ethically approved by Ege University's Ethical Board of Social and Human Sciences Scientific Research and Publication in 28.11.2019 with 439 protocol number.

The surveys are conducted online between March 2021 and September 2021. Individuals from 66 provinces of Türkiye have been participated in the survey. In other words, 81.5% of the provinces in Türkiye have been included in the research. After the repatriation and evaluation of the sent-back questionnaires, 2,789 of them incorporated to the study. The obtained findings are analyzed via SPSS program.

4. Findings of the study and their analysis

At the beginning of statistical analysis, the reliability of the questionnaire is measured and the reliability coefficient α is found to be 0.949. According to this, the scale of the questionnaire is addressed to be highly reliable. If the demographic properties of the participants are analyzed, it can be seen that 73% of the participants' ages are between 18 and 41 (Table 1). About 60% of the participants are women and 40% of them are men. Of them, 81% have graduated from university or graduate schools. Of them, 67% possess a 647\$ or below monthly income. It can be said that the participants are generally well-educated young consumers who possess middle-income. Omni-channel implementations in clothing sector are mostly preferred and used by the well-educated young consumers in Türkiye because they use the internet and its applications much more than elder and less-educated ones. That is why, it can be said that the survey

Table 1. Distribution of participants according to their demographic properties

Demographic properties		Frequency	Valid percent
Age	18–25	1,083	38.8
	26–33	605	21.7
	33–41	355	12.7
	42–49	324	11.6
	50 and over	422	15.1
Gender	Women	1,663	59.6
	Men	1,126	40.4
Education status	Primary school	67	2.4
	Secondary school	70	2.5
	High school	391	14.0
	University	1,949	69.9
	Graduate	312	11.2
Monthly income	294\$ and below	731	26.2
	295–470\$	697	25.0
	471–647\$	452	16.2
	648–824\$	365	13.1
	825\$ and above	544	19.5

sample represents all consumers in Türkiye who prefer and use omni-channel implementations.

When the participants' residences are evaluated, it is seen that 61% of them live in İstanbul, Ankara, and İzmir, which are the three biggest provinces of Türkiye (Table 2). These three provinces are followed by Bursa, Balıkesir, Tekirdağ, Antalya, Muğla, Mersin, Denizli, Adana, Konya, Kocaeli, Hatay, and Aydın. The other provinces from where participations have been occurred can be listed as Adıyaman, Afyonkarahisar, Ağrı, Amasya, Artvin, Batman, Bilecik, Bitlis, Bolu, Burdur, Çanakkale, Çankırı, Diyarbakır, Edirne, Elazığ, Erzurum, Eskişehir, Gaziantep, Giresun, Gümüşhane, Isparta, Kahramanmaraş, Karabük, Kastamonu, Kayseri, Kırklareli, Kütahya, Malatya, Manisa, Mardin, Muş, Nevşehir, Ordu, Osmaniye, Rize, Sakarya, Samsun, Siirt, Sinop, Sivas, Şanlıurfa, Şırnak, Tokat, Trabzon, Tunceli, Uşak, Van, Yalova, Yozgat, and Zonguldak. Individuals from 66 provinces of Türkiye have been participated in the survey. In other words, 81.5% of the provinces in Türkiye have been joined in this study.

If the properties of participants' clothing expenditures are analyzed, it is seen that 75% of them separate 20% or less from their monthly budgets for clothing expenditures. Besides, 50% of the participants usually buy their clothing products from physical stores, whereas the other 50% buy via online channels.

Table 2. Distribution of participants according to their provinces

Province	Frequency	Valid percent
İzmir	1,051	37.7
İstanbul	531	19.0
Ankara	129	4.6
Bursa	129	4.6
Balıkesir	87	3.1
Tekirdağ	75	2.7
Antalya	69	2.5
Muğla	68	2.4
Mersin	62	2.2
Denizli	43	1.5
Adana	38	1.4
Konya	36	1.3
Kocaeli	36	1.3
Hatay	34	1.2
Aydın	28	1.0
Others	373	13.5
Total	2,789	100

The tendency toward online clothing shopping has been increased. The pandemic has also increased this tendency.

The survey offers 30 statements, which analyze the omni-channel implementations on the basis of clothing sector. All participants should choose their agreement levels for each of these statements. In quinary Likert scale, I absolutely agree is coded as 5, I agree is coded as 4, I have no idea is coded as 3, I don't agree is coded as 2, and I don't agree absolutely is coded as 1. First, the averages and standard deviations of the statements are calculated. The obtained findings are given in Table 3.

According to the obtained averages, consumers give great importance to all omni-channel implementations (Table 3). They give the greatest importance to return of online purchased clothing products to physical stores and their alterations in physical stores. Besides, consumers want to access all technical information about clothing products (color, size, measures, fabric type, etc.) in all channels and information in all channels should be the same. They also want to access the addresses and inventory information of physical stores via online channels. In addition, the online purchased clothing products should be delivered quickly. Furthermore, the online purchased clothing products' delivery charge should be cheap or free, the coupon that is given in a physical store should be used in online channels, the comments of other consumers about clothing products should be accessible in all channels, modifications of online purchased clothing products should be actualized in physical stores, comments about clothing products should be done in all channels, and online purchased clothing products should be received from physical stores.

Table 3. Results of the exploratory factor analysis toward the given importance by participants to omni-channel implementations in clothing sector and the descriptive statistics of the statements

Factors	Statements	Rotated loadings	Average	Standard deviation	Average of the factors
Information integration between channels	Addresses of physical stores should be accessed from online channels	0.700	4.60	0.694	4.48
	QR codes, which involve all information about clothing products, should be provided in all channels	0.672	4.48	0.814	
	Comments of other consumers about clothing products should be accessible in all channels	0.669	4.56	0.749	
	Inventory information of physical stores should be accessible via online channels	0.656	4.61	0.698	
	All technical information about clothing products should be the same in all channels, and they should be accessible in all channels	0.645	4.61	0.735	
	Inventory information of online stores should be accessible via physical stores	0.565	4.44	0.843	
	Clothing products' categories should be the same in all channels	0.537	4.29	0.976	
	Given clothing orders should be followed from different channels	0.466	4.28	0.936	
Customer services integration between channels	Online purchased clothing products' delivery charge should be cheap or free	0.679	4.58	0.740	4.46
	Online purchased clothing products should be delivered quickly	0.651	4.60	0.689	
	Brands should provide customized service in all channels	0.648	4.42	0.855	
	Purchased clothing products should be returned unconditionally from all channels	0.634	4.43	0.916	
	Product reservation should be actualized from all channels	0.600	4.29	1.034	
	A clothing product that has been investigated in one channel could be bought from another	0.599	4.37	0.876	
	According to consumer's desire, brands should provide clothing products via using different channels	0.572	4.47	0.769	
	Membership features should be used in the same way in all channels	0.564	4.47	0.836	
	Comments about clothing products could be done in all channels	0.493	4.53	0.752	

(Continued)

Table 3: Continued

Factors	Statements	Rotated loadings	Average	Standard deviation	Average of the factors
Integration of physical buying to online buying	Clothing products that are bought from physical stores should be changed via online channels	0.792	4.37	0.940	4.30
	Clothing products that are bought from physical stores should be modified via online channels	0.783	4.10	1.135	
	Clothing products that are bought from physical stores should be returned via online channels	0.773	4.39	0.910	
	Clothing products that are bought from physical stores should be delivered via online channels	0.743	4.32	0.974	
Integration of online buying to physical buying	Online purchased clothing products should be returned via physical stores	0.683	4.62	0.744	4.56
	Online purchased clothing products should be changed via physical stores	0.679	4.62	0.715	
	Coupon that is given after online shopping should be used in physical stores	0.638	4.48	0.844	
	Coupon that is given after shopping in physical stores should be used in online channels	0.630	4.56	0.742	
	Online purchased clothing products should be delivered via physical stores	0.514	4.51	0.801	
	Online purchased clothing products should be modified via physical stores	0.509	4.54	0.805	
Price integration between channels	Clothing products' discounts should be the same in all channels	0.850	4.08	1.151	4.03
	Clothing products' discounts should be occurred at the same time in all channels	0.800	3.95	1.220	
	Purchased clothing products' prices should be the same in all channels	0.784	4.07	1.194	

As it can be seen from the obtained results, consumers give great importance to all omni-channel implementations. Consumers demand a simple, easy, fast, and satisfying shopping experience as far as possible due to the reasons such as increasing demands and expectations of consumers, innovations brought by technology and information era, and increasing importance of time management. In order to achieve this, enterprises should provide a full integration between different channels. In other words, they should successfully implement the omni-channel strategy. According to the study results, consumers are aware of the advantages of the omni-channel strategy, and they demand these factors from brands/enterprises/retailers.

After the basic assessment, the statements are evaluated with exploratory factor analysis and gathered into five groups. Exploratory factor analysis has been performed in order to accomplish compendious and meaningful dissimilarity and similarity tests (hypotheses tests). The results of exploratory factor analysis indicated that the samples are suitable and reliable for factor analysis (Kaiser–Meyer–Olkin measure of sampling is found to be 0.958, and the significance of Bartlett's test of sphericity is found to be 0.000). Principal component extraction is used for extracting factors with eigenvalues over 1, and the rotation of the factor loading matrix is chosen as varimax. The standard loadings of 30 statements are higher than 0.50, and the cumulative variance of 5 factors is found to be 63.346%. The loadings (scores) of the statements within Table 3 are taken from rotated component matrix (only two loadings are lower than 0.50, and their values are 0.493 and 0.466). The five factors, which are obtained as a result of exploratory factor analysis, are renamed (Table 3). Then, the following hypotheses are suggested by considering the results of exploratory factor analysis:

H₁: Given importance to omni-channel implementations in clothing sector differs with regard to women and men consumers.

H₂: Given importance to omni-channel implementations in clothing sector differs with regard to consumers' education levels.

H₃: Given importance to omni-channel implementations in clothing sector differs with regard to consumers' ages.

H₄: Given importance to omni-channel implementations in clothing sector differs with regard to consumers' monthly incomes.

Four main hypotheses include 20 sub-hypotheses due to 5 factors and 4 demographic properties. All sub-hypotheses are tested at 95% confidence interval. According to the obtained results, 10 sub-hypotheses are accepted, whereas 10 sub-hypotheses are rejected.

Two sub-hypotheses belonging to the first main hypothesis have been accepted (Table 4). According to the obtained results, women consumers give more importance to the integration of online buying to physical buying with regard to men consumers. Similarly, women consumers give more importance to price integration between channels with regard to men consumers. Women consumers want more to change, modify, return, and receive the online purchased clothing products via physical stores with regard to men consumers. Women consumers are more addicted to clothing and fashion products, and they give more importance to perfect fit of clothes with regard to men consumers. Due to these reasons, their desires for return, change, and modification are much more than men consumers. Besides, women consumers pay more attention to price and discount differences between channels with regard to men consumers. Since they are more addicted to clothing and fashion products, they spend much more money to them, and due to this reason, they give more importance to prices and discounts.

Two sub-hypotheses belonging to the second main hypothesis have been accepted (Table 5). According to the obtained results, consumers whose education levels are university and above give more importance to information integration between channels with regard to consumers whose education levels are high school and below. On the other hand, consumers whose education levels are high school and below give more importance to the price integration between channels with regard to consumers whose education levels are university and above. In other words, consumers whose education levels are higher give more importance to information integration between channels, whereas consumers whose education levels are lower give more importance to price integration between channels. It can be said that, mostly, as the education level increases, consumer awareness and income increased. Thus, the consumers whose education levels are higher give more significance to obtaining information via all channels, whereas the consumers whose education levels are lower give more importance to prices and discounts mostly due to their lower incomes.

Table 4. Differences between the given importance by women and men consumers to omni-channel implementations in clothing sector

Gender	N	Average	Standard deviation	t	df	p
Hypothesis 1a: Given importance to the integration of online buying to physical buying differs with regard to women and men consumers						
Women	1,663	0.046148	0.955895	2.908	2246.650	0.004
Men	1,126	-0.068156	1.058553			
Hypothesis 1b: Given importance to price integration between channels differs with regard to women and men consumers						
Women	1,663	0.058559	0.931276	3.657	2158.004	0.000
Men	1,126	-0.086487	1.088307			

Table 5. Differences between the given importance by consumers at different education levels to omni-channel implementations in clothing sector

Education level	<i>N</i>	Average	Standard deviation	<i>t</i>	df	<i>p</i>
Hypothesis 1a: Given importance to information integration between channels differs with regard to consumers' education levels						
High school and below	528	−0.217500	0.997286	−5.581	2,787	0.000
University and above	2.261	0.050792	0.994019			
Hypothesis 1b: Given importance to price integration between channels differs with regard to consumers' education levels						
High school and below	528	0.203632	0.819399	6.017	959.095	0.000
University and above	2.261	−0.047553	1.032044			

Three sub-hypotheses belonging to the third main hypothesis have been accepted (Table 6). According to the obtained results, consumers who give the most importance to integration of physical buying to online buying and to information integration are between 18 and 25, whereas consumers who give the most importance to price integration between channels are between 42 and 49. Omni-channel implementations in clothing sector are mostly preferred and used by young consumers in Türkiye because they use the internet and its applications much more than elder ones. As it can be seen, the obtained results

proved this. Young consumers prefer and want a full integration between online and physical channels.

Three sub-hypotheses belonging to the fourth main hypothesis have been accepted (Table 7). According to the obtained results, consumers who give the most importance to integration of physical buying to online buying possess a monthly income 294\$ and below. Similarly, consumers who give the most importance to information integration between channels possess a monthly income 294\$ and below. However, consumers

Table 6. Differences between the given importance by consumers at different age groups to omni-channel implementations in clothing sector

Age	N	Average	Standard deviation	F	df ₁	df ₂	p
Hypothesis 3a: Given importance to information integration between channels differs with regard to consumers' ages							
18–25	1,083	0.072912	0.996517	3.449	4	2,784	0.008
26–33	605	−0.012103	1.023615				
34–41	355	−0.046458	1.048539				
42–49	324	−0.000839	0.878417				
50 and over	422	−0.130040	1.008843				
Hypothesis 3b: Given importance to integration of physical buying to online buying differs with regard to consumers' ages							
18–25	1083	0.101512	0.975173	4.816	4	2,784	0.001
26–33	605	−0.070025	1.040270				
34–41	355	−0.050528	0.959980				
42–49	324	−0.028644	1.020480				
50 and over	422	−0.095628	1.003174				
Hypothesis 3c: Given importance to price integration between channels differs with regard to consumers' ages							
18–25	1,083	−0.071616	1.040536	3.085	4	2,784	0.015
26–33	605	0.000696	0.977719				
34–41	355	0.047691	1.005316				
42–49	324	0.124137	0.983061				
50 and over	422	0.047365	0.920719				

Table 7. Differences between the given importance by consumers at different income groups to omni-channel implementations in clothing sector

Monthly income	N	Average	Standard deviation	F	df ₁	df ₂	p
Hypothesis 4a: Given importance to information integration between channels differs with regard to consumers' monthly incomes							
294\$ and below	731	0.083936	0.892920	5.669	4	2,784	0.000
295–470\$	697	−0.138417	1.081216				
471–647\$	452	−0.041949	1.021811				
648–824\$	365	0.063082	0.985711				
825\$ and above	544	0.057087	1.002059				
Hypothesis 4b: Given importance to the integration of physical buying to online buying differs with regard to consumers' monthly incomes							
294\$ and below	731	0.096445	0.982219	3.841	4	2,784	0.004
295–470\$	697	0.040638	0.954762				
471–647\$	452	−0.081186	1.006729				
648–824\$	365	−0.082587	1.042202				
825\$ and above	544	−0.058798	1.034857				
Hypothesis 4c: Given importance to price integration between channels differs with regard to consumers' monthly incomes							
294\$ and below	731	−0.015997	1.014219	9.392	4	2,784	0.000
295–470\$	697	0.044938	0.931913				
471–647\$	452	0.138407	0.901622				
648–824\$	365	0.088110	0.947592				
825\$ and above	544	−0.210198	1.137058				

who give the most importance to price integration between channels possess a monthly income between 471\$ and 647\$. As it can be seen, consumers who possess low-income or middle-income give more importance to channel integration. Since they earn limited salaries, they mostly prefer lower prices and discounts. Therefore, they prefer to actualize an information and price search before their shopping, which can be easily achieved by price and information integration.

5. Conclusions and suggestions

Enterprises both should struggle with their rivals and should meet the consumers' desires and expectations in the best manner in order to survive under today's intensive rivalry conditions. Nowadays, consumers investigate the products before buying, compare them with their equivalents, and prefer the enterprise/brand, which offers the best product and the service to them. In other words, nowadays, consumers are the individuals, who are aware that they are indispensable and increase their desires and expectations every day. At this point, enterprises and brands should be successful and increase their competitiveness by meeting the desires and expectations of consumers that gradually become harder. In this context, omni-channel strategy is one of the strategies that can be used, which is a retailing strategy that enables a continuous and issueless

shopping experience to consumers by providing a full integration between channels.

Clothing sector, in which consumers' desires and expectations come into prominent, is one of the sectors that use omni-channel strategy. Sector successfully implements multi- and cross-channel strategies. However, some difficulties of omni-channel strategy, such as logistic integration, information integration, and high costs that should be endured for providing a full integration, prevent the proper implementation. Despite these difficulties, sector endeavors for implementing the omni-channel strategy. At this point, the key point in the implementation of the strategy is the procurement of consumer satisfaction and loyalty by meeting consumer desires and expectations. Therefore, this study aimed to analyze the consumer-preferred omni-channel implementations in clothing sector. At the same time, it aimed to make suggestions, which are based on consumer desires, to clothing producers and marketers in the light of the obtained findings.

Individuals from 66 provinces (81.5% of the provinces in Türkiye) of Türkiye have been participated in the survey that has been conducted within the scope of the study. It can be said that the participants are generally well-educated young consumers who possess middle-income. Omni-channel implementations in clothing sector are mostly preferred and used by the well-

educated young consumers in Türkiye because they use the internet and its applications much more than elder and less-educated ones. That is why, it can be said that the survey sample represents all consumers in Türkiye who prefer and use omni-channel implementations. The significant results that have been obtained within the scope of this study and the suggestions that can be made to clothing enterprises, brands, and retailers on the basis of these results can be summarized as:

1. The tendency toward online shopping has been increased also with the effect of pandemic. According to the obtained study results, 50% of the consumers usually buy their clothing products via online channels. Therefore, clothing enterprises and brands should give great importance to online channels. They should increase the online channel options (web site, mobile application, social media, etc.) that they present to their customers, and they should provide integration both between these channels and between these channels and physical stores.
2. Study results indicate that consumers are aware of the omni-channel strategy's advantages, and they demand these factors from enterprises, brands, and retailers. Thus, clothing enterprises and brands could not provide consumer loyalty and stand out among their rivals anymore only by implementing multi- and cross-channel strategies. In this context, clothing enterprises and brands should properly implement the omni-channel strategy and provide the full integration between their owned online and offline channels.
3. Most important omni-channel implementations for consumers are the return of online purchased clothing products to physical stores and their alterations in physical stores. This result also indicates that consumers' tendency toward online clothing shopping is increased. Besides, if an online purchased product could be returned to or changed in physical stores, it contributes to consumers' continuous and effortless shopping experiences. Therefore, clothing enterprises and brands should give importance to providing integration of online channels to offline channels as well as increasing the given significance to online channels.
4. Consumers give great importance to accessing all technical information about clothing products (color, size, measures, fabric type, etc.) in all channels. Besides, information in all channels should be the same. In addition, addresses and inventory information of physical stores should be accessed via online channels; comments of other consumers about clothing products should be accessible in all channels; comments about clothing products could be done in all channels; QR codes, which involve all information about clothing products, should be provided in all channels; inventory information of online stores should be accessible via physical stores; clothing products' categories should be the same in all channels; and the given clothing orders should be followed from different channels. In this context, clothing enterprises and brands should give necessary importance to information integration between online and offline channels.
- Technical information about products, information about inventories, and information about stores should be easily accessed via all online and offline channels.
5. Consumers demand that online purchased clothing products should be delivered quickly, and their delivery charge should be cheap or free. Thus, clothing enterprises and brands should provide fast logistics services. At this point, they could establish their own logistic network or they could get service from logistic enterprises that are powerful in their field and that give great importance to customer satisfaction.
6. Consumers demand that clothing products' discounts should be the same in all channels, clothing products' discounts should have occurred at the same time in all channels, and purchased clothing products' prices should be the same in all channels. In this context, clothing enterprises and brands should equalize their products' prices in all online and offline channels in which they serve to their customers. Besides, they should provide discount service at the same time and at the same ratio in all channels.
7. Consumers demand that a coupon that is given in a physical store should be used in online channels, and similarly, a coupon that is given in an online store should be used in physical stores. Therefore, clothing enterprises and brands should provide promotion and discount integration between all online and offline channels.
8. Consumers also give great importance to other omni-channel implementations that aim integration between online and offline channels. In this context, clothing enterprises and brands should establish an infrastructure, which enables that all processes related to a purchased product can be actualized in any channel no matter where the product has been bought. Besides, this service could be easily used by their customers. For example, an online purchased product should be returned, altered, modified, or delivered via physical stores, and similarly, a product that has been bought from physical stores should be returned, altered, modified, or delivered via online channels.
9. Clothing enterprises and brands should also provide full customer service integration between their owned online and offline channels. In this context, according to consumers' desires, brands should provide clothing products via using different channels, membership features should be used in the same way in all channels, purchased clothing products should be returned unconditionally from all channels, customized service should be provided in all channels, a clothing product that has been investigated in one channel could be bought from another, and product reservation should be actualized from all channels.
10. Women consumers want more to change, modify, return, and receive the online purchased clothing products via physical stores with regard to men consumers. Similarly, women consumers give more importance to price

integration between channels with regard to men consumers. Therefore, the clothing brands and enterprises, especially whose targeted consumer groups consist of women, should give great importance to online and offline channel integration and price integration between channels.

11. Consumers whose education levels are higher give more importance to information integration between channels, whereas consumers whose education levels are lower give more importance to price integration between channels. Thus, the clothing brands and enterprises, especially whose targeted consumer groups consist of highly educated consumers, should give great importance to information integration between channels. On the other hand, the clothing brands and enterprises, especially whose targeted consumer groups consist of lowly educated consumers, should give great importance to price integration between channels.
12. According to the obtained results, consumers who give the most importance to the integration of physical buying to online buying are between 18 and 25. At this point, the clothing brands and enterprises, especially whose targeted consumer groups consist of young consumers, should give great importance to online and offline channel integration and information integration between channels.

To sum up, Turkish consumers give great importance to omni-channel strategy and its elements. More specifically, they give great importance to the integration between physical and online channels, and they prefer a full information, customer services, and price integration between channels. The study results indicate that the consumers are aware of the advantages of omni-channel strategy and they demand these factors from enterprises, brands, and retailers. Therefore, clothing enterprises and brands, which desire to create difference and defeat its rivals, should give necessary importance to omni-channel strategy and should successfully and properly implement this strategy. The successful implementation of omni-channel strategy will lead to customer satisfaction and loyalty, and increased customer satisfaction and loyalty will turn to enterprise and brand as increased sales, revenues, and profits.

Acknowledgements: The authors would like to thank Scientific Research Projects Coordination of Ege University. This research project, which is registered as SGA-2021-22460, was funded by Scientific Research Projects Coordination of Ege University.

Funding information: This research project, which is registered as SGA-2021-22460, was funded by Scientific Research Projects Coordination of Ege University.

Conflict of interest: Authors state no conflict of interest.

References

- [1] Chopra, S. (2016). How omni-channel can be the future of retailing. *Decision*, 43(2), 135–144.
- [2] Kim, H. J., Ahn, S. K., Forney, J. A. (2014). Shifting paradigms for fashion: from total to global to smart consumer experience. *Fashion and Textiles*, 1, 1–16.
- [3] Ye, Y., Lau, K. H., Teo, L. K. Y. (2018). Drivers and barriers of omni-channel retailing in China: a case study of the fashion and apparel industry. *International Journal of Retail & Distribution Management*, 46(7), 657–689.
- [4] Ryu, M. H., Cho, Y., Lee, D. (2019). Should small-scale online retailers diversify distribution channels into offline channels? Focused on the clothing and fashion industry. *Journal of Retailing and Consumer Services*, 47, 74–77.
- [5] Sayat Aycan, G., Kotzab, H., Yumurtacı Hüseyinoğlu, I. Ö. (2018). The elements of omni-channel retailing: an analysis of fashion retailers from Turkey. *Proceedings of Colloquium on European Research in Retailing*. pp. 150–157.
- [6] Kanat, S. (2019). Analyzing omni-channel strategies of the Turkish clothing sector. *Fibres & Textiles in Eastern Europe*, 27(5), 15–21.
- [7] Xu, X., Jackson, J. E. (2019). Examining customer channel selection intention in the omni-channel retail. *International Journal of Production Economics*, 208, 434–445.
- [8] Özerşahin, F. (2016). The impact of omni-channel approach on customer satisfaction and loyalty in retail business. Master Thesis, Bahçeşehir University, Graduate School of Social Sciences, Department of Business Administration. p. 102.
- [9] Arer, B. (2018). Omni-channel marketing and customer purchasing behavior analysis. Master Thesis, Bahçeşehir University, Graduate School of Social Sciences, Master of Business Administration. p. 137.
- [10] Mollaibrahimoğlu, A. (2018). Importance of omni-channel shopping experience for retail customer satisfaction level. Master Thesis, Beykent University, Graduate School of Social Sciences, Department of Business Administration. p. 98.
- [11] Kazancoglu, I., Aydin, H. (2018). An investigation of consumers' purchase intentions towards omni-channel shopping: a qualitative exploratory study. *International Journal of Retail & Distribution Management*, 46(10), 959–976.
- [12] Lee, S. H., Jung, S. (2019). Fashion consumers' channel-hopping profiles by psychographics and demographics. *International Journal of Market Research*, 62, 615–632. doi: 10.1177/1470785318821854.
- [13] Gao, R., Shao, D., Yang, Y. X. (2017). The appeal of the omni-channels on lady causal wears retailing in China. *The Journal of The Textile Institute*, 108(4), 472–482.
- [14] Nistor, L. (2019). The case of omni-channel consumers: a qualitative study regarding students' clothing-consumption habits. *Postmodern Openings*, 10(3), 44–71.
- [15] Gao, R., Yang, Y. X. (2016). Consumers' decision: fashion omni-channel retailing. *Journal of Information Hiding and Multimedia Signal Processing*, 7(2), 325–342.
- [16] van Delft, W. C. J. M. (2013). Omni-channel shopping behavior during the customer journey: an empirical study into the contribution of omni-channel shopping characteristics during the customer journey by consumer segments. Master Thesis, Eindhoven University of Technology, Faculty of Architecture, Building & Planning, Real Estate Management & Development. p. 114.
- [17] Karlı, H. (2019). Investigation of the factors that affect the purchase intention of omni-channel customers with UTAUT2. Master Thesis, Bandırma Onyedi Eylül University, Graduate

- School of Social Sciences, Department of International Trade and Logistics. p. 126.
- [18] Ang, A., Tan, A. (2018). Designing reverse logistics network in an omni-channel environment in Asia. *LogForum*, 14(4), 519–533.
- [19] Cummins, S., Peltier, J. W., Dixon, A. (2016). Omni-channel research framework in the context of personal selling and sales management: a review and research extensions. *Journal of Research in Interactive Marketing*, 10(1), 2–16.
- [20] Payne, E. M., Peltier, J. W., Barger, V. A. (2017). Omni-channel marketing, integrated marketing communications and consumer engagement: a research agenda. *Journal of Research in Interactive Marketing*, 11(2), 185–197.
- [21] Jocevski, M., Arvidsson, N., Miragliotta, G., Ghezzi, A., Mangiaracina, R. (2019). Transitions towards omni-channel retailing strategies: a business model perspective. *International Journal of Retail & Distribution Management*, 47(2), 78–93.
- [22] Verhoef, P. C., Kannan, P. K., Inman, J. J. (2015). From multi-channel retailing to omni-channel retailing: introduction to the special issue on multi-channel retailing. *Journal of Retailing*, 91(2) 174–181.
- [23] Yumurtacı Hüseyinoğlu, I. Ö., Sorkun, M. F., Börühan, G. (2018). Revealing the impact of operational logistics service quality on omni-channel capability. *Asia Pacific Journal of Marketing and Logistics*, 30(5), 1200–1221.
- [24] Abdulkader, M. M. S., Gajpal, Y., ElMekkawy, T. Y. (2018). Vehicle routing problem in omni-channel retailing distribution systems. *International Journal of Production Economics*, 196, 43–55.
- [25] Mosquera, A., Olarte-Pascual, C., Juaneda-Ayensa, E. (2017). Understanding the customer experience in the age of omni-channel shopping. *Icono* 14, 15(2), 166–185.
- [26] Juaneda-Ayensa, E., Mosquera, A., Murillo, Y. S. (2016). Omni-channel customer behavior: key drivers of technology acceptance and use and their effects on purchase intention. *Frontiers in Psychology*, 7, 1–11.
- [27] Bernon, M., Cullen, J., Gorst, J. (2016). Online retail returns management: integration within an omni-channel distribution context. *International Journal of Physical Distribution & Logistics Management*, 46(6/7), 584–605.
- [28] Melacini, M., Tappia, E. (2018). A critical comparison of alternative distribution configurations in omni-channel retailing in terms of cost and greenhouse gas emissions. *Sustainability*, 10, 1–15.
- [29] Kembro, J. H., Norrman, A., Eriksson, E. (2018). Adapting warehouse operations and design to omni-channel logistics: a literature review and research agenda. *International Journal of Physical Distribution & Logistics Management*, 48(9), 890–912.
- [30] Turkish Statistical Institute. (2019). Address based population registration statistics, population by province, single age and gender. http://www.tuik.gov.tr/PreTablo.do?alt_id=1059 (Retrieved May 2020).