

KJFHC website: http://acoms.accesson.kr/kjfhc doi: http://dx.doi.org/10.13106/kjfhc.2024.vol10.no1.7

The Five Sense Factors in Korean Dessert Café and Consumer Behaviors*

Kyung-Tae PARK¹, Tae-Kyun NA²

Received: January 24, 2024. Revised: February 06, 2024. Accepted: February 13, 2024.

Abstract

The bakery cafe and dessert industry in Korea is expanding, but it requires continuous innovation to remain competitive and adaptable. Therefore, this study aims to examine the effect of five sense factors on customer satisfaction and relationship continuance intention in Korean dessert cafes. A survey was conducted among 200 consumers who had visited a Korean dessert cafe in Seoul and Gyeonggi Province. Regression analysis was conducted for hypothesis testing, and the research results are as follows. First, among the five sensory factors in Korean dessert cafes, gustatory, visual, and olfactory factors positively impacted customer satisfaction and relationship continuance intention. These results suggest that the taste and presentation of Korean desserts in cafes and the aroma of both the desserts and the café are essential. However, auditory and tactile factors did not impact customer satisfaction and intention to continue the relationship. Second, customer satisfaction improved the intention to continue the relationship. This finding suggests that improving customer satisfaction in Korean dessert cafes positively impacts maintaining customer loyalty. Therefore, operators of Korean dessert cafes should consider gustatory, visual, and olfactory aspects when developing dessert menus and planning the physical environment of their restaurants.

Keywords: Korean Dessert Café, Five Sense Factors, Customer Satisfaction, Relationship Continuation Intention

Major Classification Code: L83, L84, M31

1. Introduction

Recently, there has been a significant change in dessert consumption trends, driven by the improvement in consumers' living standards and the development of food culture. The interest in desserts as an alternative to light meals is growing, especially among young consumers. This shift has increased the importance of dessert-focused cafe menus (Kim & Nam, 2015). In addition, the growing number of consumers who have experienced Western cafe culture and their preference for diverse spaces has led to the popularity of dessert cafes offering a variety of menus (Lim

This is an Open Access article distributed under the terms of the Creative Commons Attribution Non-Commercial License (http://Creativecommons.org/licenses/by-nc/4.0/) which permits unrestricted noncommercial use, distribution, and reproduction in any medium, provided the original work is properly cited.

^{*} This research was funded by Doowon University of Technology in 2023.

¹ First Author. Assistant Professor, Division of Culinary Arts, Doowon University of Technology, Paju City. Email: mjackson99@doowon.ac.kr

² Corresponding Author, Assistant Professor, Major in Foodservice & Culinary Management, Kyonggi University, Seoul. Email: natk@kyonggi.ac.kr

[©] Copyright: The Author(s)

et al., 2023). The current coffee shop market has reached a state of saturation nationwide. Therefore, cafes that combine a variety of desserts, such as bakery items, ice cream, and teas, rather than just selling coffee are leading the cafe trend (Cho & Jun, 2016). Also, the trend among the younger generation of consumers in their 20s and 30s, who enjoy well-being and social media, is leaning toward preferences for sweetness and external beauty. As a result, more beautiful, elegant, and healthy desserts are gaining attention (Park et al., 2017).

Also, both in Korea and abroad, there has been a growing interest in Korean cuisine, and traditional Korean foods such as rice cakes and Han-gwa (honeyed Korean cookies) have received much attention as they are perceived as healthy ingredients and exemplify the excellence of slow food (Son, 2013). Restaurants that service traditional Korean desserts such as traditional Byeong-gwa, teas, and beverages are called Korean dessert cafes or rice cake cafes. These cafes, which offer a unique atmosphere that harmonizes modernity with tradition, are emerging as a new trend among people concerned with health and well-being (Jeon, 2023). Furthermore, while the main customers of cafes used to be in their 20s and 30s, the trend has now spread to various age groups interested in wellbeing, indicating that Korean dessert cafes are continuously growing in the food service market (Kim et al., 2020). There is a growing interest in the research area of developing bread and dessert products with healthy ingredients (Shin et al., 2022).

The global spread of the Korean Wave and the globalization of Korean food has changed perceptions of Korean cuisine with traditional and healthy food consumption trends (Kim, 2015). In response to the rapidly changing dessert trends, it is necessary to explore differentiated strategies that consumers demand. Kim (2017) stated that the five senses, an area of human sensation, play a role in consumers' purchasing decisions, and it is important to apply and develop these senses in service situations. Park (2021) mentioned that the sub-factors of sensory marketing, including sight, sound, smell, taste, and touch, all significantly impact experiential value and that it is essential to provide aspects that appeal to all senses, not just the taste of food, but also the facility and atmosphere. However, research analyzing consumers' attitudes toward the sensory factors of Korean desserts is still in its early stages.

Thus, this study aims to research how the sensory factors of Korean dessert cafes influence customer satisfaction and the intention to maintain a relationship and to identify which sensory factors should be more actively utilized.

2. Literature Review

2.1. Five Senses at the Korean Dessert Cafe

Dessert cafes can be defined as places where customers can enjoy various desserts like coffee, bread, tea, and ice cream, excluding meal menus, enjoying their soft and sweet taste and aroma (Wang & Yoo, 2021). Although traditional desserts have been favored by the younger generation for their taste and appearance, traditional Korean desserts, utilizing slow food excellence and healthy ingredients, are gaining increasing attention (Choi & Cho, 2010). Such Korean traditional desserts include rice cakes, Han-gwa, and Eumcheong. These are offered in modern facilities such as Korean dessert cafes (Jeon, 2023). Hur (2014) defined Korean dessert cafes as places selling rice cakes and various traditional Korean snacks and beverages, providing services in a modern atmosphere, and serving as a complex cultural relaxation space where people can have conversations over snacks. Ra (2021) also defined a Korean dessert cafe as providing traditional menus like Byeong-gwa, Eumcheong, and rice cakes with modern facilities and services.

The five senses are crucial in Korean desserts. It is an area of human sensation, referring to the five senses: gustation, vision, audition, olfaction, and tactility. The classification is based on distinguishing the sensory receptors in the human body (Kim, 2010). Vision involves the sensation of light and spatial perception through the eyes, showing the fastest and most sensitive response among the senses. Olfaction is related to scent and involves the nose and brain's function and psychological state, stimulating consumers' purchasing behavior and used in sales promotion marketing (Yang et al., 2015). Gustation is the sensation of flavor created by food, perceived through contact with the tongue in the mouth and transmitted to the brain through various pathways, transforming into taste sensation through nerve cells. Tactility is a sensation that responds to external stimuli and is felt through the skin. Audition is the only sense that cannot be voluntarily ignored and is associated with all sounds naturally encountered in daily life (Choi, 2018).

2.2. Customer Satisfaction

If a consumer is satisfied with a product, they will continue to buy the product in the future and give good reviews about the product or service. Conversely, if unsatisfied, they will tell others about their bad experience, which can negatively impact the company's performance (Nguyen & Cho, 2021). Therefore, the satisfaction of restaurant customers is essential for restaurant management. Customer satisfaction can be defined as the evaluative process of customers' perceptions before and after purchasing a product or service and as the result of the marketing process included in products and services (Shin, 2018a). In other words, customer satisfaction is a comprehensive psychological state combining the

mismatched expectations of customers and their consumption experience, and it is a psychological response to the experience regarding a particular product (Oliver, 1993). Park and Park (2023) defined customer satisfaction as the pleasure and joy felt through consumption experience. Therefore, customer satisfaction is an absolute element in business, requiring research and effort.

Looking at research analyzing the relationship between the five senses and consumers' attitudes, Kim (2019) found that sensory factors in the food space presentation, such as taste, touch, sight, smell, and hearing, positively influence customer satisfaction. Ko (2019) noted that olfactory and gustatory elements of emotional marketing can enhance customer loyalty. Kim (2017) found that skin care salon customers' visual, tactile, and olfactory elements positively impact satisfaction, but taste and hearing do not. Thus, the sensory factors of Korean desserts can positively improve customers' attitudes. This study set the following hypothesis to verify the impact of Korean dessert cafes' visual, olfactory, auditory, gustatory, and tactile elements on customer satisfaction.

- **H 1:** The five sense factors of Korean dessert cafes will influence consumer satisfaction positively.
- **H1-1:** The gustatory factor of Korean dessert cafes will influence customer satisfaction positively.
- **H1-2:** The visual factors of Korean dessert cafes will influence customer satisfaction positively.
- **H1-3:** The auditory factors of Korean dessert cafes will influence customer satisfaction positively.
- **H1-4:** The olfactory factors of Korean dessert cafes will influence customer satisfaction positively.
- **H1-5:** The tactile factors of Korean dessert cafes will influence customer satisfaction positively.

2.3. Relationship Continuance Intention

A relationship is the connection or relevance between two or more people, objects, or phenomena. Shin (2018b) defined the intention to maintain a relationship as the extent to which future exchanges can occur between a customer and a company. Kim (2022) defined it as the intention to maintain a trading relationship with a specific company over a long period.

Previous studies examining the relationship between intention to maintain a relationship, the five senses, and customer satisfaction show the following. Yang (2014) studied how the visual and emotional image of temple food influences factors of intention to maintain a relationship, finding that visual image has a significant impact. Ahn and Cho (2015) noted that planning sensory elements like taste, touch, smell, sight, and hearing influences the excitement and enjoyment atmosphere in hotel restaurants and impacts customer return visits. Dash et al. (2021) stated that

customer satisfaction positively influences the intention to maintain a relationship, suggesting a deep interrelation. Kim and Cha (2023), who conducted a literature review on the selection attributes of dessert cafes, found that satisfaction with dessert cafes positively affects repurchase intention. Kim et al. (2023) found that non-face-to-face service quality satisfaction in hotels positively affects the intention to maintain a relationship. Thus, customers intend to continue trading due to the satisfaction and assurance from past transactions, expecting future transactions to be satisfactory (Kim & Lee, 2023). This study sets the following hypothesis to verify the impact of sensory elements and customer satisfaction in dessert cafes on the intention to maintain a relationship.

- **H 2:** The five sense factors of Korean dessert cafes will influence relationship continuance intention positively.
- **H2-1:** The gustatory factor of Korean dessert cafes will influence relationship continuance intention positively
- **H2-2:** The visual factors of Korean dessert cafes will influence relationship continuance intention positively.
- **H2-3:** The auditory factors of Korean dessert cafes will influence relationship continuance intention positively.
- **H2-4:** The olfactory factors of Korean dessert cafes will influence relationship continuance intention positively.
- **H2-5:** The tactile factors of Korean dessert cafes will influence relationship continuance intention positively.

H 3: Consumer satisfaction in Korean dessert cafes will influence relationship continuance intention positively

3. Method

3.1. Measurement Model

This study aimed to investigate how the five sensory factors of Korean dessert cafes affect customer satisfaction and relationship continuation intention. Based on the previous research, this study set up a research model, as shown in Figure 1.

3.2. Data Collection

The population of this study comprises consumers living in Seoul and Gyeonggi Province who have experience visiting Korean dessert cafes. Data were collected using convenience sampling, and the survey period was from 1 October to 14 October 2023. For the survey, the researchers explained the purpose and objectives of the study to the operators of six Korean dessert cafes, sought their cooperation, and then administered a self-administered questionnaire to customers who verbally agreed to

participate in the survey. Two hundred questionnaires were distributed for this study, and all 200 (100%) were collected and used for final statistical analysis.

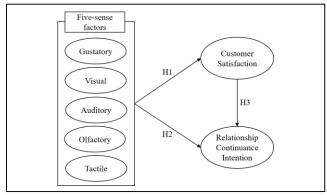


Figure 1: Research Model

3.3. Research Instruments

This study defines the five senses as the gustatory, visual, auditory, olfactory, and tactile experienced after using a Korean dessert cafe. The measurement tool for sensory factors was based on previous studies by Kang (2013) and Kim (2019) and was composed of 25 items tailored to the purpose of this study. To measure customer satisfaction in Korean dessert cafes, this study used five items based on previous studies by Yoon et al. (2019) and Joo et al. (2021), tailored to this study's purpose. To measure the intention to maintain a relationship with Korean dessert cafes, this study used four4 items based on previous studies by Choi (2015), Kim (2016), and Noh (2019), tailored to the purpose of this study. All measurement items were measured on a Likert 5-point scale.

3.4. Analysis Method

The statistical analysis utilized the SPSS 26. First, this study conducted a frequency analysis to understand the demographic characteristics of respondents. Additionally, exploratory factor analysis and reliability analysis were performed to evaluate the validity and reliability of the variables. Finally, simple and multiple regression analyses were conducted to test the hypotheses.

4. Results

4.1. Participant Characteristics

The demographic characteristics of the respondents in this study are as follows, as shown in Table 1. First, by gender, 132 were female (66.0%) and 68 were male (34.0%). By marital status, 149 were single (74.5%) and 51 were married (25.5%). The most represented age group was the 30s with 76 respondents (38.0%), followed by the 20s with 69 respondents (34.5%), and those over 40 with 55 respondents (27.5%). For the average spending per visit at a Korean dessert cafe, 109 respondents (54.5%) spent between 20,000 and less than 30,000 won, 50 respondents (25.0%) spent between 30,000 and less than 40,000 won, 32 respondents (16.0%) spent less than 20,000 won, and 9 respondents (4.5%) spent over 40,000 won.

Table 1: Participant Characteristics

	N (%)		
Gender	Female	132 (66.0)	
Gender	Male	68 (34.0)	
Marital atatus	Single	149 (74.5)	
Marital status	Married	51 (25.5)	
	20s	69 (34.5)	
Age	30s	76 (38.0)	
	40s and above	55 (27.5)	
	Less than 20,000	32 (16.0)	
Average spending per visit (won)	20,000~less than 30,000	109 (54.5)	
	30,000~less than 40,000	50 (25.0)	
	40,000 or more	9 (4.5)	
Total 200 (1			

4.2. The Validity and Reliability of Measures

4.2.1. The Five Sense Factors

The results of the reliability and validity verification of the sensory factors in Korean dessert cafes are as follows, as shown in Table 2. In the factor analysis to review the validity and reliability between the sensory factors of Korean dessert cafes and their variables, eight items with explanatory power below 0.4 were removed from the 25 items derived from previous studies, and 17 items were applied to factor analysis. The test for factor analysis applicability showed that the KMO measure of sampling adequacy was 0.794, Bartlett's test of sphericity was 1343.015, and the significance level was 0.000, indicating suitability for factor analysis. The factor extraction result for the sensory factors of Korean dessert cafes yielded five factors, with a total variance explanation of 67.035%. Each factor was named gustatory, visual, auditory, olfactory, and tactile, according to their characteristics. The reliability analysis results for each factor showed a reliability of 0.746 for gustatory, 0.671 for visual, 0.840 for auditory, 0.844 for olfactory, and 0.767 for tactile.

4.2.2. Customer Satisfaction

The results of the validity and reliability test of customer

satisfaction factors are shown in Table 3. The five items extracted from the previous studies were applied to the exploratory factor analysis. The KMO measure was 0.851, and Bartlett's test of sphericity was 516.696 (p<.000), indicating that the data was suitable for factor analysis. The total variance explained for customer satisfaction was 68.029%, and the reliability of the customer satisfaction factor was .881. These results indicate that the measurement items used are valid and reliable in assessing customer satisfaction.

Table 2: The Results of Validation and reliability Analysis for the Five Sense factors

Factor	Item	Factor loading	Eigen value	Variance explained	Cron bach' s α
	GU1	0.707			0.746
Gustatory	GU2	0.682	2.411	14.180	
Guotatory	GU3	0.776	2.411	14.100	
	GU4	0.691			
	VI1	0.716			
Visual	VI2	0.719	1.998	11.753	0.671
	VI3	0.764			
Auditory	AU1	0.856	2.320	13.646	0.840
	AU2	0.762			
	AU3	0.857			
	OL1	0.806			
Olfactory	OL2	0.800	2.239	13.170	0.844
	OL3	0.826			
Tactile	TA1	0.548			
	TA2	0.801	2.429	14.286	0.767
	TA3	0.863			0.767
	TA4	0.850			

Note: KMO=0.794, Bartlett's sphericity test=1343.015 (p=0.000), Cumulative variance explained=67.035%

Table 3: The Results of Validation and reliability Analysis for Customer Satisfaction

Factor	Item	Factor loading	Eigen value	Variance explained
	CS1	0.830		
Customer Satisfaction	CS2	0.830		
	CS3	0.837	3.401	68.029
	CS4	0.751		
	CS5	0.871		

Note: KMO=0.851, Bartlett's sphericity test=68.029 (p=0.000),

Cronbach's alpha=0.881

Table 4: The Results of Validation and reliability Analysis for Relationship Continuance Intention

Factor	Item	Factor loading	eigenvalue	Variance explained
Relationship Continuance	RCI1	0.832		
	RCI2	0.870	2.784	69.595
Intention	RCI3	0.818	2.704	09.595
	RCI4	0.815		

Note: KMO=0.777, Bartlett's sphericity test=357.356 (*p*=0.000), Cronbach's alpha=0.854

4.2.3. Relationship Continuance Intention

The results of the validity and reliability test of relationship continuance intention factors are shown in Table 4. The four items extracted from the previous studies were applied to the exploratory factor analysis. The KMO measure was 0.777, and Bartlett's test of sphericity was 357.356 (p<.000), indicating that the data was suitable for factor analysis. The total variance explained for customer satisfaction was 69.595%, and the reliability of the customer satisfaction factor was 0.854. These results indicate that the measurement items used are valid and reliable in assessing customer satisfaction.

4.3. Hypothesis Testing

4.3.1. The Relationship Between Five Sense Factors and Customer Satisfaction

The results of the multiple regression analysis to examine the effect of five sensory factors on customer satisfaction and relationship continuance intention in Korean dessert cafes are shown in Table 5 and Table 6. First, the regression analysis results between the five sense factors and customer satisfaction are as follows. The adjusted R² value, the explanatory power of the regression equation, is 42.8%, and the regression model was significant (F=30.785, p<.001). The analysis results showed that gustatory (B=0.304, p=0.000), visual (B=0.297, p=0.000), and olfactory (B=0.236, p=0.000) factors among the sensory factors of Korean dessert cafes had a positive effect on customer satisfaction. However, auditory (B=0.043, p=0.416) and tactile (B=0.029, p=0.584) factors did not significantly affect customer satisfaction. Therefore, hypotheses 1-1, 1-2, and 1-4 are accepted. However, hypotheses 1-3 and 1-5 are rejected.

Second, the regression analysis results between the five sense factors and relationship continuance intention are as follows. The adjusted R² value is 32.7%, and the regression model is significant (F=20.304, p<.001). The results of the analysis showed that among the five sensory factors of

Korean dessert cafes, gustatory (B=0.363, p=0.000), visual (B=0.228, p=0.000), and olfactory factors (B=0.199, p=0.005) had a positive effect on relationship continuance intention. On the other hand, auditory (B=0.059, p=0.344) and tactile factors (B=0.012, p=0.852) did not have a statistically significant effect on relationship continuance intention. Therefore, hypotheses 2-1, 2-2, and 2-4 are accepted. However, hypotheses 2-3 and 2-5 are rejected.

Table 5: The Effect of Five Sense Factors on Customer Satisfaction

Independent variable	O.I.C.C.II.	dardized cients	Standardized coefficients	t
variable	В	S.E.	beta	
(Constant)	-0.062	0.315	-	-0.196
Gustatory	0.304	0.079	0.255	3.851***
Visual	0.297	0.052	0.329	5.675***
Auditory	0.043	0.053	0.051	0.815
Olfactory	0.236	0.060	0.253	3.911***
Tactile	0.029	0.053	0.030	0.549

Note: R²=0.442, Adj. R²=0.428, F=30.785 (p=0.000), ***p<.001

Table 6: The Effect of Five Sense Factors on Relationship Continuance Intention

Independent variable		dardized cients	Standardized coefficients	t
Variable	В	S.E.	beta	
(Constant)	0.169	0.367	-	0.461
Gustatory	0.363	0.092	0.283	3.949***
Visual	0.228	0.061	0.235	3.740***
Auditory	0.059	0.062	0.065	0.948
Olfactory	0.199	0.070	0.199	2.837**
Tactile	0.012	0.062	0.011	0.187

Note: R²=0.344, Adj. R²=0.327, F=20.304 (*p*=0.000), **p<.01, ***p<.001

Table 7: The Effect of Customer Satisfaction on Relationship Continuance Intention

Independent variable	Unstandardized coefficients		Standardized coefficients	t
Variable	В	S.E.	beta	
(Constant)	0.548	0.142	-	3.859
Customer satisfaction	0.863	0.045	0.804	19.036***

Note: R²=0.647, Adj. R²=0.645, F=79.946 (p=0.000), ***p<.001

4.3.2. The Relationship Between Customer Satisfaction and Relationship Continuance Intention

The results of the simple regression analysis to examine the effect of customer satisfaction on relationship continuance intention are shown in Table 7. The regression analysis results show that the adjusted R^2 value is 64.7%, and the regression model is significant (F=79.946, p<.001). The results showed that customer satisfaction positively affected relationship continuance intention (B=0.863, p=0.000). Therefore, Hypothesis 3 is accepted.

5. Discussion

This study aimed to analyze the impact of the sensory factors of Korean dessert cafes on customer satisfaction and the intention to maintain a relationship. For this purpose, a survey of 200 consumers living in Seoul and Gyeonggi Province with experience using Korean dessert cafes was analyzed.

The results of this study are summarized as follows. First, gustatory, visual, and olfactory factors among the sensory factors of Korean dessert cafes significantly affect customer satisfaction, while auditory and tactile factors do not. These results partially coincide with Lim's study (2015), which found that taste, touch, and sight elements significantly influenced customer satisfaction in hotel usage. However, olfactory and auditory elements did not, and Kim (2017) studied that visual, tactile, and olfactory factors affect satisfaction for skin care salon customers. In other words, depending on the place, sensory factors affect customer satisfaction differently.

Second, gustatory, visual, and olfactory factors among the sensory factors of Korean dessert cafes significantly positively affect the intention to maintain a relationship, while auditory and tactile factors do not. These research results partially coincide with Yang (2014), which found that the visual and emotional image of temple food positively influences factors of intention to maintain a relationship.

Third, as customer satisfaction in Korean dessert cafes increases, so does the intention to maintain a relationship. These results are consistent with the research findings of Dash et al. (2021) and Kim (2023).

Based on the analysis results in this study, the implications could be drawn in the academic and practical aspects as follows. The academic and practical implications of this study are summarized as follows. First, academically, this study is meaningful in that it analyzes the impact of the sensory factors of Korean dessert cafes on consumer satisfaction and the intention to maintain a relationship, unlike previous studies related to Korean desserts. The practical implications are as follows. First, taste and visual factors should be considered to increase customer satisfaction in Korean dessert cafes. In other words, desserts

must be visually appealing to enhance customer satisfaction with Korean desserts. Furthermore, with the recent Korean Wave and a unique pop-up of Korean desserts in Paris, France, Korean desserts have received much attention overseas. For Korean desserts to satisfy consumers in Korea and worldwide, it is necessary to consider visual aspects that can stimulate appetite and taste.

The limitations and suggestions for future research of this study are as follows. First, this study surveyed consumers who reside in Seoul and Gyeonggi Province and have experience using Korean dessert cafes. Therefore, it is not easy to generalize the results of this study. In future research, it will be necessary to expand the region and age range of respondents and further investigate foreigners' perceptions of Korean desserts. Expanding the scope of the study to include respondents from different regions and cultures may provide a more comprehensive understanding of how cultural differences affect preference or satisfaction with Korean dessert cafes. Second, various factors can influence consumer satisfaction with Korean dessert cafes. However, this study focused on sensory factors and did not analyze the structural relationships between various variables. Therefore, future research should consider a comprehensive range of factors such as cultural trends, economic variables, or specific consumer preferences influencing satisfaction or revisit intention for Korean dessert cafes.

6. Conclusions

In conclusion, this study underscores the pivotal role of gustatory, visual, and olfactory factors in shaping customer satisfaction and the intention to maintain a relationship in Korean dessert cafes. The detailed results stress the importance of considering taste and visual appeal in a context-specific manner. Practically, it suggests prioritizing the enhancement of taste and visual aspects for heightened customer satisfaction, particularly in the global fascination with Korean desserts. Despite certain geographical limitations, the study paves the way for future research to delve into diverse perceptions and broader factors impacting satisfaction in this evolving industry.

References

- Ahn, H. S., & Cho, Y. B. (2015). Effect of the creating of hotel restaurant's dinning place on the customers emotional response and behavior intension. *Culinary Science & Hospitality Research*, 21(1), 116-128.
- Choi, D. K. (2015). The influence on customer satisfaction and revisit by a loss leader in the food service industry. (Master's thesis, Kyonggi University). Retrieved from

- http://www.riss.kr/link?id=T13732318&outLink=K
- Choi, J. H. (2018). A study on the effects of the five senses of emotional marketing brand perception, brand attitude, and purchase intent: Focused on the casual restaurants. (Master's thesis, Kyunghee University). Retrieved from http://www.riss.kr/link?id=T14760617&outLink=K
- Choi, S. H., & Cho, Y. B. (2010). A study of the effect of LOHAS traits on customer participation, customer satisfaction, customer loyalty for Korean traditional pastry customer. *Journal of Foodservice Management*, *3*(2), 169-189.
- Cho, S. Y., & Jun, J. K. (2016). Positioning analysis of dessert cafe based on brand personality. *Journal of Tourism Sciences*, 40(4), 29-42.
- Dash, G., Kiefer, K., & Paul, J. (2021). Marketing-to-millennials: marketing 4.0, customer satisfaction and purchase intention. *Journal of Business Research*, 122, 608-620.
- Hur, Y. S. (2014). A study on the relations between relation benefit, service quality, customer satisfaction, and intention to maintain relationship for the customer using the Korea traditional dessert café. (Doctoral dissertation, Kyungsung University).

 Retrieved form http://www.riss.kr/link?id=T13535268&outLink=K
- Jeon, E. S. (2023). The effect of Korean dessert cafe menu quality on perceived value and customer satisfaction. (Master's thesis, Catholic Kwandong University). Retrieved from http://www.riss.kr/link?id=T16651546&outLink=K
- Joo, S. H., Ko, M. A., & Kim, W. R. (2021). Study on the effects of Korean dessert cafe selection attributes on service value and customer satisfaction. *Journal of Tourism Management Research*, 25(3), 543-565.
- Kang, W. C. (2013). The effects of dining space creation and coordinators' role on psychological customer responses and purchasing intention in buffet restaurants. (Doctoral dissertation, Soonchunhyang University). Retrieved from http://www.riss.kr/link?id=T13102868&outLink=K
- Kim, G. R., & Cha, S. S. (2023). A study on selection attributes of dessert cafes: Focusing on literature research. *The Korean Journal of Food & Health Convergence*, *9*(1), 11-18.
- Kim, G. Y., & Lee, K. S. (2023). The effect of female customers' coffee online community characteristics on relationship persistence intention: Focusing on the mediating effect of customer satisfaction. *Tourism Research*, 46(1), 25-47.
- Kim, H. J. (2016). Effects of Korean traditional dessert cafe menu preferences on customer satisfaction according to dessert consumption Culture. (Master's thesis, Sookmyung Women's University). Retrieved from https://dcollection.sookmyung.ac.kr/jsp/common/DcLoOrgPe r.jsp?sItemId=00000060277
- Kim, H. R., Han, J. S., & An, S. Y. (2023). A study on the effects of hotel non-face-to-face quality on customer satisfaction and relationship continuity focusing. *Journal of Hotel & Resort*, 21(5), 23-41.
- Kim, J. E., Lee, D. W., & Song, J. H. (2020). Influence of bakery cafe's affiliate cards on customer orientation and usage intention. *Journal of Foodservice Management*, 23(2), 237-256.
- Kim, M. A. (2019). A study on the effect of dessert cafe food space on the consumer satisfaction and visiting attitudes: Centering on five senses. (Master's thesis, Kyonggi University).

Retrieved from http://www.riss.kr/link?id=T15669288&outLink=K

- Kim, M, Y. (2017). The influences of the awareness of the elements of the five senses at the skin care shops on the level of customer satisfaction and the level of the faithfulness. (Master's thesis, Konkuk University). Retrieved from http://www.riss.kr/link?id=T14572182&outLink=K
- Kim, S. H., & Lee, H. R. (2011). A study on the effects of importance-performance gap in emotional dining space expression by the types of restaurants on customers' emotional responses, satisfaction, and behavioral intention. *Korean Journal of Hospitality and Tourism*, 21(4), 153-180.
- Kim, S. I. (2015). Effect of menu reliability on consumer satisfaction at rice cake cafe using domestically grown agricultural products: Focus on Jeonju Hanok village. *Journal of the East Asian Society of Dietary Life*, 25(5), 922-931.
- Kim, S. J. (2010). A study on the display of dining design focusing on the emotional marketing. (Master's thesis, Kookmin University). Retrieved from http://www.riss.kr/link?id=T12137707&outLink=K
- Kim, T. Y. (2022). A study of the influence of the relationship characteristics on conflict and relational continuance intention between airlines and travel agencies: The moderating effect of relationship benefits. (Master's thesis, Donga University). Retrieved from http://www.riss.kr/link?id=T16683171&outLink=K
- Kim, Y. I., & Nam, J. H. (2015). A study on market segmentation by the selection attribute of dessert cafe. *Journal of Hospitality* and *Tourism Studies*, 17(5), 188-203.
- Ko, Y. L. (2019). The effect of emotional marketing five senses of beauty shop on relationship benefits. *Journal of Beauty Art Management*, 13(3), 1-18.
- Lim, D. Y. (2015). Effects of 5-sense factors of emotional marketing on satisfaction and loyalty of hotel customers: With emphasis on comparison between luxury hotels and budget hotels. (Master`s thesis, Kyunghee University). Retrieved from http://www.riss.kr/link?id=T13845914&outLink=K
- Lim, J. Y., Goh, H. Y., & Lee, S. J. (2023). Effect of dessert cafe's menu quality on customer sastisfaction and purchasing behavior: Control effect of menu reputation. *Foodservice Industry Journal*, 19(4), 125-140.
- Noh, I. H. (2019). The effect of dinning space styling in dessert cafe on behavior intention through subjective well-being and consumer identification. (Doctoral dissertation, Uiduk University). Retrieved from http://www.riss.kr/link?id=T15087496&outLink=K
- Nguyen, T. T. A., & Cho, M. S. (2021). Consumer behavior of diners at Korean restaurants in Danang city, Vietnam. The Korean Journal of Food & Health Convergence, 7(5), 33-40.
- Oliver, R. L. (1993). Cognitive, affective and attribute bases of the satisfaction response. *Journal of consumer research*, 20(3), 418-430.
- Park, H. B., Yang, D. H., & Lee, S. M. (2017). A study of the relationship among service quality, relationship quality, and loyalty by applying the third-order factor model: Focusing on 'S' dessert café. *Journal of Tourism Sciences*, 41(4), 115-129.
- Park, J. S. (2021). Hotel restaurant sensory marketing influencing experiential value, brand attitude, customer satisfaction, and revisit intention. (Master's thesis, Kyonggi University).

- Retrieved from http://www.riss.kr/link?id=T15789371&outLink=K
- Park, J. Y., & Park, S. A. (2023). A study on the effect of ecofriendly food brand image on consumption value and customer satisfaction. *Foodservice Industry Journal*, 19(5), 401-416.
- Ra, M. K. (2021). A study on the relationship between the physical environment and the behavior of customer value emotional behavior of Korean food desert café. (Master`s thesis, Youngsan University). Retrieved from http://www.riss.kr/link?id=T15738275&outLink=K
- Shin, A. H. (2018a). The effect of satisfaction with selection attributes of dessert cafe on revisit intention: moderating effect of dessert consumption culture. (Master`s thesis, Sejong University). Retrieved from http://www.riss.kr/link?id=T14926203&outLink=K
- Shin, J, H. (2018b). Mediating effect of involvement and brand reputation on service quality and intention to relationship continuity of culinary competition. (Master`s thesis, Honam University). Retrieved from http://www.riss.kr/link?id=T14730955&outLink=K
- Shin, M. H., Choi, N. H., & Cha, S. S. (2022). A study on the development of healthy desserts using plums. *The Korean Journal of Food & Health Convergence*, 8(5), 1-9.
- Son, Y. J. (2013). Influence of customer change intention by the perception of the physical environments to Korean restaurant: mediated effect of customer trust. *International Journal of Tourism and Hospitality Research*, 27(5), 221-233.
- Wang, Z. Y. & You, H. S. (2021). The study on the value system of female consumers in dessert cafes: An application of laddering technique. *Northeast Asia Tourism Research*, 17(1), 171-190
- Yang, Y. J., Kim, J. G., & Kang, J. Y. (2015). The effect of pleasant setnet on consumer's service evaluation and spending in the retail shop: Focusing on the case of cosmetic shop. *Journal of Franchising*, 1(1), 68-95.
- Yang, Y. K. (2014). The effect of temple food's image and visual emotional image on psychological reaction and continuance relationship intention. (Master's thesis, Kyonggi University). Retrieved from http://www.riss.kr/link?id=T13732227&outLink=K
- Yoon, S. H., Lee H., & Lee, C. G. (2019). The effects of e-commerce's differentiated marketing strategy on customer satisfaction and repurchase intention. *Korea Management Engineers Society*, 24(2), 1-19.

Appendixes

Appendix 1: Content for Survey Questions

Factor	No	Questionnaire Content		
	GU1	The taste of the desserts at the Korean dessert cafe I visited was delightful.		
Custotony	GU2	The desserts at the Korean dessert cafe I visited were made with various colorful ingredients.		
Gustatory GU3 GU4	GU3	The taste of the desserts at the Korean dessert cafe I visited stimulated my appetite.		
	The quality of the desserts at the Korean dessert cafe I visited was excellent.			
Visual	VI1	The freshness of the desserts at the Korean dessert cafe I visited seemed exceptionally good.		

	VI2	The desserts at the Korean dessert cafe I visited were visually appealing and tempting.
	VI3	The arrangement and presentation of desserts at the Korean dessert cafe I visited were very appetizing.
	AU1	The background music at the Korean dessert cafe I visited complemented well with the desserts.
Auditory	AU2	The background music at the Korean dessert cafe I visited harmonized well with the café's overall ambiance.
	AU3	The background music at the Korean dessert cafe I visited was suitable for enjoying desserts.
	OL1	The ingredients used in the desserts at the Korean dessert cafe I visited were aromatic.
Olfactory	OL2	The Korean dessert cafe I visited had proper ventilation, emitting a pleasant aroma.
	OL3	The aroma of the desserts at the Korean dessert cafe I visited was enticing.
	TA1	The texture of the wall decorations at the Korean dessert cafe I visited felt good.
Tactile	TA2	The chairs at the Korean dessert cafe I visited had a comfortable texture.
ractile	TA3	The utensils at the Korean dessert cafe I visited had a pleasant texture.
	TA4	The texture of the tables at the Korean dessert cafe I visited felt good.
	CS1	I was satisfied with the overall ambiance and presentation of the dining space in the Korean dessert café.
Customer	CS2	I had a positive first impression of the Korean dessert cafe.
satisfaction	CS3	I was satisfied with the interior and atmosphere of the Korean dessert cafe.
	CS4	The table arrangement and aisle width were efficient and convenient.
	CS5	The furnishings were clean and luxurious, contributing to my overall satisfaction.
Relationship Continuance Intention	RCI1	I will revisit the Korean dessert cafe I visited again next time.
	RCI2	If I choose a Korean dessert cafe next time, I will prioritize the one I visited before.
	RCI3	I will share positive feedback about the Korean dessert cafe I visited with others.
	RCI4	I will recommend the Korean dessert cafe I visited to those around me.