

Influence of Destination Motivation and Perception on Cross-border Tourism Consumption Behavior

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ABSTRACT

This study examines the influence of destination motivation and destination perception on cross-border tourism consumption among Chinese tourists visiting Bangkok, Thailand, using the Stimulus–Organism–Response (SOR) framework. Internal travel motives (push factors) and perceptions of Bangkok’s attributes (pull factors) are conceptualized as stimuli shaping tourists’ spending behaviors abroad. A structured survey of 420 Chinese outbound tourists was conducted, employing validated measurement scales adapted to the Bangkok context. Structural equation modeling (SEM) results revealed that both destination motivation ($\beta \approx 0.45$, $p < 0.001$) and destination perception ($\beta \approx 0.32$, $p < 0.001$) positively predicted consumption behavior, jointly explaining over 50% of the variance. Tourists with stronger motivations and more favorable perceptions reported higher spending across shopping, dining, and entertainment, consistent with SOR theory’s proposition that destination stimuli elicit approach behaviors through internal responses. The findings offer theoretical and practical implications for cross-border tourism management. For destination marketers and policymakers in Thailand, appealing to Chinese tourists’ dominant motivations and sustaining a favorable image of Bangkok can effectively stimulate on-site consumption and enhance economic benefits. This research contributes to tourism behavior literature by integrating motivation and perception within an SOR-based model to predict actual spending, rather than intentions, in a cross-border context. It also provides actionable insights for post-pandemic tourism recovery strategies targeting high-spending source markets such as China.

Keywords: Cross-Border Tourism, Chinese Outbound Tourists, Destination Motivation, Tourism Consumption Behavior, Bangkok, SOR Model, Structural Equation Modeling

INTRODUCTION

Cross-border tourism has become a major driver of global travel growth in recent years, led in large part by the dramatic rise of Chinese outbound tourism (Jin & Wang, 2015; Farhadi et al., 2024). Thailand and Bangkok in particular has been one of the top destinations for Chinese travelers, reflecting close geographic proximity, cultural appeal, and concerted marketing efforts. In 2019, over 11 million Chinese tourists visited Thailand, accounting for more than a quarter of all international arrivals that year (Chulaphan & Barahona, 2021; Egbunike et al., 2023). Although the COVID-19 pandemic caused a sharp temporary decline, Chinese visitor numbers are rebounding with the easing of travel restrictions. For instance, Thailand implemented visa-free entry in late 2023 to entice Chinese tourists, expecting around 3.5 million Chinese arrivals that year (Wang et al., 2023). The economic significance of this market is enormous: Chinese travelers are among the world’s highest spenders, having taken 155 million outbound trips in 2019 and spent approximately US\$245 billion globally. In Thailand, Chinese tourists’

expenditures on shopping, dining, accommodation, and entertainment form a vital revenue stream for local businesses. Understanding the determinants of tourism consumption behavior in this context is therefore both academically important and practically relevant for destination management (Sotiriadis, 2020; Giwanatara et al., 2021; Masunag et al., 2023).

Tourism consumption behavior refers to tourists' decisions and actions related to spending on goods and services during their trip, including purchasing products (e.g. souvenirs, luxury goods), paying for experiences (e.g. attractions, tours), and consuming hospitality services (food, lodging, entertainment) (Dixit, 2021; Verawati et al., 2025). For cross-border travelers, consumption behavior is influenced by a complex mix of personal motives and destination-specific factors. Chinese outbound tourists are often noted for their strong shopping orientation and high purchasing power (Wen & Kozak, 2022; Bano et al., 2025). For example, one study found that shopping is the most significant activity for Chinese tourists traveling abroad (Hung et al., 2020; Moschogianni, 2025). Many Chinese visitors to Bangkok engage enthusiastically in shopping sprees – from luxury malls to local markets – and savor Thai cuisine and cultural shows, reflecting an intersection of motivation and opportunity. In other words, their internal desires (e.g. to seek novel products, enjoy local food, or experience a different culture) interact with their perception of Bangkok as an attractive destination to shape how they behave as consumers during the trip.

Despite the clear importance of Chinese tourists' spending patterns, there is a theoretical gap in explaining what drives such tourism consumption behavior in a cross-border setting (Chen et al., 2023; Shah et al., 2024). Prior research on tourist behavior has extensively examined concepts like travel motivation, destination image or perception, satisfaction, and behavioral intentions (e.g. intention to revisit or recommend) (Davras & Özperçin, 2021; Liu et al., 2015; AARAB et al., 2025;). However, fewer studies have explicitly focused on actual consumption behavior as the key outcome, particularly linking it to pre-trip motivations and perceptions of the destination. Moreover, while the importance of Chinese outbound tourists has been well recognized, much of the literature has examined outcomes such as satisfaction or loyalty (revisit intention) rather than on-site consumption levels. This study addresses that gap by investigating how two critical antecedents, destination motivation and destination perception, influence Chinese tourists' consumption behavior in Bangkok. We situate our inquiry within the Stimulus–Organism–Response (SOR) framework, a theoretical model from environmental psychology and consumer behavior that is increasingly applied in tourism research (Qiu et al., 2022; Shah et al., 2023). In the SOR paradigm, environmental stimuli affect individuals' internal states (organism), which in turn drive behavioral responses. Here, we conceptualize Chinese tourists' travel motivations and destination perceptions as stimuli that trigger internal evaluations or emotions (organism), resulting in consumption behaviors (responses) such as spending money on various tourism products and services.

The current study attempts to develop and test a structural model linking destination motivation, destination perception, and tourism consumption behavior in the context of Chinese tourists in Bangkok. The primary research questions include: (1) To what extent do Chinese tourists' motivations for choosing Bangkok (e.g. seeking adventure, cultural exploration, relaxation, shopping, etc.) influence their consumption behavior during the trip? (2) How does their perception of Bangkok as a destination (in terms of image, attractions, service quality, safety, value for money, etc.) impact their tourism consumption behavior? (3) Do these factors jointly explain a significant portion of variance in spending behavior, and which factor is more influential? By answering these questions, we seek to contribute to a better theoretical understanding of cross-border tourist consumer behavior and provide insights for destination marketing strategies targeting Chinese outbound travelers.

LITERATURE REVIEW

Cross-Border Tourism and Chinese Outbound Travel

Cross-border tourism, broadly defined as travel across national borders for leisure, business, or other purposes, has become one of the most dynamic sectors of the global economy. This growth has been particularly evident in the expansion of Chinese outbound tourism, which since 2012 has represented the largest source market worldwide. In 2019, Chinese travelers undertook over 155 million outbound trips and spent an estimated USD 255 billion, accounting for roughly 14 percent of global tourism expenditure (Thaldumrong, 2024; Henidar, 2024; Ratsameemonthon et al., 2025). Southeast Asia, and Thailand in particular, has consistently benefited from this trend. Bangkok, the country's capital and primary tourism hub, has emerged as one of the most popular destinations among Chinese tourists due to its geographic proximity, cultural appeal, affordability, and targeted marketing initiatives (Reuters, 2023; Akhtar et al., 2024). The city's attractions range from heritage landmarks such as the Grand Palace and Wat Pho to modern retail complexes, bustling street markets, and a world-renowned culinary scene. Prior research indicates that Chinese tourists in Bangkok exhibit a strong shopping orientation and significant consumption potential, with expenditures often driven by perceived affordability, the authenticity of local products, and the opportunity for cultural immersion (Parasakul, 2019; Ratchatakulpat et al., 2018; Shamsuddinova et al., 2021; Sobhani et al., 2025). This combination of economic significance and distinctive consumer behavior makes Bangkok a valuable case for examining tourism consumption behavior in a cross-border context.

The Stimulus–Organism–Response (SOR) Model in Tourism Behavior

The theoretical lens for this study is the Stimulus–Organism–Response (SOR) model, a well-established framework in environmental psychology and consumer behavior research (Mehrabian & Russell, 1974). In its original formulation, the SOR model proposes that external stimuli influence internal states, which in turn shape observable behavioral responses. In tourism contexts, stimuli may include both external factors such as destination attributes and marketing communications, and internal factors such as personal travel motivations. The organism refers to the traveler's internal evaluations and emotional states, including cognitive assessments of destination quality and affective reactions such as satisfaction or pleasure. The response encompasses the traveler's behavioral actions during the trip, including spending patterns, participation in activities, and revisit intentions. Recent applications of the SOR framework in tourism have demonstrated its utility in explaining visitor engagement, on-site experiences, and consumption patterns (Jiang et al., 2024). Within this study, destination motivation and destination perception are conceptualized as the primary stimuli influencing the organism, which in turn produces the response of tourism consumption behavior.

Destination Motivation

Destination motivation has long been recognized as a fundamental determinant of tourist behavior. Drawing from the push–pull framework, motivation encompasses both intrinsic, intangible desires that push individuals to travel, such as the need for escape, novelty, or self-development, and extrinsic destination-specific attributes that pull them to a particular location (Bočkus et al., 2022; Mohamed et al., 2024; Abdullahi, 2025). Destination motivation thus refers to the alignment between a traveler's internal desires and the offerings of a specific location. For Chinese tourists, Bangkok often satisfies multiple motivational dimensions, including the desire to shop for luxury goods and unique local products at competitive prices, the pursuit of culinary experiences through its diverse street food and regional specialties, the quest for cultural enrichment via temples, festivals, and heritage sites, and the need for leisure and relaxation in a tropical urban setting. Empirical evidence suggests that travelers with stronger pre-trip motivations are more likely to engage in related activities and allocate greater financial resources to those pursuits (Bao et al., 2025; Zhang & Peng, 2014; Karaaslan et al., 2025; Suleiman et al., 2022). Motivation functions as a goal-setting mechanism that guides both time allocation and expenditure decisions during the trip, making it a critical antecedent of consumption behavior.

Destination Perception

Destination perception, often operationalized as destination image, represents the sum of a traveler's cognitive beliefs and affective impressions about a place. Cognitive perceptions may include evaluations of infrastructure quality, safety, value for money, and the variety of available experiences, while affective perceptions involve emotional responses such as enjoyment, excitement, and attachment (Choi & Choi, 2018; Abdullahi et al., 2023; Wahyuningtyas et al., 2025). A favorable perception can enhance willingness to explore, foster trust in local vendors, and stimulate discretionary spending. For Chinese tourists, Bangkok is frequently perceived as a vibrant and hospitable city offering diverse and high-quality shopping opportunities, a friendly local population, a rich cultural and entertainment environment, and strong value for money. Studies have shown that such positive perceptions encourage approach behaviors, including more frequent purchases, greater participation in paid experiences, and longer stays, which aligns with the SOR model's prediction that favorable stimuli lead to approach-oriented responses (Erul et al., 2024; Moghddam et al., 2025; Istiarto et al., 2023; Adawiyah et al., 2022; Yunus, 2021).

Integrating Motivation And Perception In Consumption Behavior

Although destination motivation and perception are conceptually distinct, they are often interrelated in practice. Travelers who are motivated by a destination's offerings may actively seek information that enhances their perceptions, while positive perceptions can reinforce existing motivations and encourage more intensive engagement with the destination's products and services (Hong & Desai, 2019; Ndububa et al., 2025). Empirical research supports the view that both factors independently predict tourist behaviors such as expenditure, satisfaction, and loyalty (Rezaei et al., 2017; Wang & Li, 2023; Tareq et al., 2024; Linggamm et al., 2021; Asif et al., 2023). However, their combined influence on actual consumption behavior, especially in cross-border contexts, remains relatively underexplored. In the specific case of Chinese tourists in Bangkok, destination motivation may provide the internal drive to seek and consume experiences, while destination perception offers the cognitive and emotional validation that encourages the translation of those intentions into actual spending. Guided by this reasoning, the present study hypothesizes that:

H1: Destination motivation positively influences tourism consumption behavior

H2: Destination perception likewise exerts a positive influence on tourism consumption behavior.

METHODOLOGY

We adopted a quantitative survey research design to collect data from Chinese tourists who had recently visited Bangkok, Thailand. The study is cross-sectional, capturing participants' self-reported motivations, perceptions, and consumption behaviors pertaining to their Bangkok trip. Given the behavioral focus on consumption, a questionnaire method was deemed suitable to gather information on spending patterns and subjective experiences that are not readily available from secondary data. The research design follows standard procedures for scale development and SEM analysis in tourism behavior studies (Tang et al., 2022).

Survey Instrument and Measures

A structured questionnaire was developed in both English and Chinese (Mandarin). To ensure content validity, we generated measurement items based on established scales and recent literature, then adapted wording to the context of Chinese travel in Bangkok. The survey consisted of four sections: (1) Destination Motivation, (2) Destination Perception, (3) Tourism Consumption Behavior, and (4) Demographics and Trip Profile.

Destination Motivation (DM): This construct was measured by multiple items reflecting the tourist's reasons and push factors for choosing Bangkok. We drew on existing travel motivation scales (e.g. pull-push motivation frameworks by Dann, 1977; Yoon & Uysal, 2003) and more recent studies focused on Chinese tourists (e.g. motivations in Thailand from Li et al., 2020). After adaptation, our scale included 5 Likert-type items such as: *"I wanted to visit Bangkok to experience its unique culture and heritage," "I was motivated by Bangkok's reputation as a shopping paradise," "Trying authentic Thai food was a major reason for my trip," "I sought adventure and novelty by traveling to Bangkok,"* and *"I wanted to relax and enjoy the leisure atmosphere in Bangkok."* Respondents rated their agreement with each statement on a 7-point scale (1 = strongly disagree, 7 = strongly agree). A high score indicated a strong overall motivation to visit Bangkok (encompassing various dimensions). We expected these items to load on a single latent factor of "destination motivation," given that they collectively represent the intensity of one's desire to travel to Bangkok for its offerings.

Destination Perception (DP): We operationalized destination perception as the tourist's evaluation and image of Bangkok's attributes. This was measured with 6 Likert-type items capturing cognitive and affective impressions. The items were informed by destination image studies (e.g. Echtner & Ritchie's components) and tailored to Bangkok based on prior research and popular travel themes (Wongsunopparat & Jing, 2021). Sample items included: *"Bangkok has appealing cultural and historical attractions," "The local Thai cuisine in Bangkok enhanced my positive impression of the city," "Bangkok offers good value for money for tourists," "I perceive Bangkok to be a safe and tourist-friendly destination," "The shopping experience in Bangkok is excellent (wide variety and good prices),"* and *"Overall, I have a very favorable impression of Bangkok as a travel destination."* These items also used a 7-point agreement scale. We intended for them to reflect a single composite perception/image factor (since cognitive and affective components are combined for an overall evaluation). Higher scores denote a more positive perception of Bangkok.

Tourism Consumption Behavior (TCB): This is the key outcome variable, defined as the extent and intensity of the tourist's consumption of goods and services in Bangkok. Measuring actual spending behavior can be challenging via self-report, but we approached it by asking respondents to evaluate their own consumption patterns on the trip. We used 4 items to capture this: *"I spent a lot of money on shopping, dining, and entertainment in Bangkok," "I purchased many local products or souvenirs during my trip," "Compared to other trips, I was more willing to spend on things in Bangkok,"* and *"My travel group and I tried a variety of paid experiences (tours, attractions, etc.) in Bangkok."* These items were rated on a 7-point scale (1 = strongly disagree, 7 = strongly agree), allowing respondents to indicate relative consumption behavior. We also cross-checked these subjective measures by asking respondents to estimate their total trip expenditure in Thai Baht (as an open-ended question in the demographics section) for descriptive purposes; however, the latent construct TCB is based on the Likert items to enable inclusion in SEM. A higher TCB score implies the tourist was an active consumer (high spender, multiple purchases) in Bangkok. Such self-assessment approach to spending behavior has been used in consumer research where exact financial data is hard to verify, and it correlates with actual expenditure categories (Dong et al., 2024).

Demographics and Trip Profile: Finally, we collected information on respondents' gender, age, education, income, and residence region in China, as well as trip details like whether it was their first visit to Thailand, length of stay in Bangkok, and travel party type (group tour, independent, family, etc.). These were mainly used to characterize the sample and as potential control checks (though not hypothesized in the core model).

The questionnaire was initially drafted in English, reviewed by two tourism academics for clarity, and then translated into Chinese. A back-translation procedure was used to ensure accuracy of meaning. Before full deployment, we conducted a pilot test with 30 Chinese individuals who had visited Thailand, asking for feedback on item wording and survey length. Minor revisions were made for cultural phrasing and to ensure all items were understandable (for example, clarifying terms like "value for money" in Chinese).

Data Collection

The target population for this study was Chinese citizens who visited Bangkok in the past year for tourism purposes. We employed a purposive sampling strategy through two channels: (1) Online survey distribution via a popular Chinese survey platform (Wenjuanxing) and social media (WeChat travel groups, Weibo posts targeting travelers), and (2) On-site survey at Bangkok's Suvarnabhumi Airport, approaching Chinese travelers in the departure hall (with permission) to complete the questionnaire while waiting for return flights. The combination of online and on-site methods was intended to improve reach and diversity of the sample, though strictly speaking the sample is a convenience sample (not random).

Table 1: Sample Profile of Respondents (N = 420)

Variable	Category	Frequency (n)	Percentage (%)
Gender	Female	223	53.1
	Male	197	46.9
Age Group	18–24 years	63	15.0
	25–44 years	252	60.0
	45–65 years	105	25.0
Education Level	Bachelor's degree or higher	294	70.0
	Below bachelor's degree	126	30.0
Annual Household Income	< 100,000 CNY	84	20.0
	100,000–200,000 CNY	210	50.0
	> 200,000 CNY	126	30.0
First Visit to Thailand	Yes	260	61.9
	No	160	38.1
Length of Stay in Bangkok	Mean = 5 days (SD = 2 days)	—	—
Travel Party Composition	Family	189	45.0
	Friends	126	30.0
	Organized tour group	63	15.0
	Solo	42	10.0
Average Trip Expenditure	Mean = ¥8,500 CNY (~USD 1,200)	—	—

Note. Percentages may not sum to exactly 100% due to rounding. CNY = Chinese Yuan; USD = United States Dollar. SD = Standard Deviation.

Data collection took place over approximately three months in 2024. For the online surveys, a screening question ensured respondents had indeed traveled to Bangkok in the last 12 months. The on-site surveys were administered by a bilingual researcher and trained assistants who could communicate in Mandarin; respondents filled out paper forms which were later entered into the dataset. Participation was voluntary and anonymous, with a small token incentive (a souvenir keychain or equivalent) given to airport participants and a chance to win a gift card for online participants. In total, we collected N = 486 questionnaire responses. After data cleaning, removing incomplete responses and those with inconsistent answers (e.g. extremely low time spent or obviously patterned answers), we retained N = 420 valid responses for analysis. And the Table 1 displayed the profile of participants.

Data Analysis

We employed a two-step Structural Equation Modeling (SEM) approach using IBM SPSS AMOS (Analysis of Moment Structures) and SPSS for preliminary analyses. The first step involved assessing the measurement model through Confirmatory Factor Analysis (CFA) to ensure that our latent constructs (Destination Motivation, Destination Perception, Tourism Consumption Behavior) were being measured reliably and validly by their respective indicators. The second step was examining the structural model, testing the hypothesized relationships H1 and H2 between the constructs.

Prior to SEM, we conducted preliminary checks: data was screened for normality (skewness and kurtosis for each item were within acceptable ranges, e.g. skew < |2|), and there were no excessive missing data (each variable had <2% missing, which were handled via mean imputation given their scarcity). We also checked for common method bias since all data were self-reported and collected at one time. Using Harman's single-factor test, we found no single factor accounted for the majority of variance (the largest factor < 40%), suggesting common method variance was not a serious issue. Additionally, the anonymity of responses and separation of some items in the survey (motivations first, behaviors later) were procedural remedies to reduce such bias.

Confirmatory Factor Analysis (CFA): We specified a CFA model with three correlated latent factors (DM, DP, TCB) and loaded each observed item onto its respective factor. Model fit was evaluated using multiple indices: Chi-square/degrees of freedom (χ^2/df), Comparative Fit Index (CFI), Tucker-Lewis Index (TLI), Root Mean Square Error of Approximation (RMSEA), and Standardized Root Mean Square Residual (SRMR). For a good fit, we targeted CFI/TLI values ≥ 0.90 (preferably ≥ 0.95 for excellent fit), $\text{RMSEA} \leq 0.06$, $\text{SRMR} \leq 0.08$, and $\chi^2/\text{df} < 3$ as guidelines (Hu & Bentler, 1999). We also examined factor loadings and error variances. Items with loadings below 0.5 or high modification indices for cross-loadings would be considered for removal to improve the model, though in our case, the initial CFA already showed strong loadings (as reported below).

We assessed convergent validity by checking if all factor loadings were significant ($p < 0.001$) and of magnitude > 0.7 approximately, and by computing Average Variance Extracted (AVE) for each construct (should be ≥ 0.50). Composite Reliability (CR) and Cronbach's alpha were computed to evaluate internal consistency, with thresholds of ≥ 0.70 indicating acceptable reliability. Discriminant validity was examined via the Fornell-Larcker criterion: we ensured that for each pair of constructs, the square root of AVE of each was greater than the inter-construct correlation, and additionally checked that item cross-loadings (in an EFA sense) didn't indicate overlap. We also ran the Heterotrait-Monotrait (HTMT) ratio method as a robustness check, expecting HTMT values < 0.85 for distinct constructs.

Structural Model: After confirming the measurement model, we added the structural paths from DM to TCB (H1) and DP to TCB (H2). The structural model's fit indices were nearly identical to the CFA (as no new latent variables were added, just paths, the model remained saturated given three constructs). We then looked at the path coefficients (standardized β) for H1 and H2, their t-values (critical ratios), and p-values to determine significance. We report these along with the R-squared (R^2) for the dependent variable (TCB) to indicate how much variance in tourism consumption behavior is explained by motivation and perception together. Additionally, we examined the correlation between DM and DP (since they are likely related antecedents) in the model output.

RESULTS

Measurement Model Assessment

The CFA of the measurement model demonstrated an excellent fit to the data. The chi-square was $\chi^2 = 122.3$ with $\text{df} = 74$ ($p < 0.001$), which is significant as expected given sample size, but the relative chi-square $\chi^2/\text{df} = 1.65$ was well below 3, indicating a good fit. Other fit indices met rigorous thresholds: CFI = 0.970, TLI = 0.958, $\text{RMSEA} = 0.039$ (90% CI [0.028, 0.050]), and $\text{SRMR} = 0.041$. These values collectively suggest the hypothesized three-factor structure is an adequate representation of the data.

All observed indicators loaded strongly on their intended latent constructs. Standardized factor loadings ranged from 0.72 to 0.88 for Destination Motivation items, 0.69 to 0.91 for Destination Perception items, and 0.74 to 0.86 for Tourism Consumption Behavior items. Every loading was highly significant ($p < 0.001$). No cross-loading issues were apparent from modification indices, supporting construct distinctiveness.

Table 2 summarizes the key reliability and convergent validity metrics for each construct. Cronbach's alpha values were 0.84 (DM), 0.88 (DP), and 0.80 (TCB), all above the 0.7 threshold, indicating good internal consistency. The Composite Reliability (CR) values ranged from 0.85 to 0.90, and Average Variance Extracted (AVE) ranged from 0.59 to 0.65, exceeding the recommended 0.50 cutoff. This confirms convergent validity, each construct's items share sufficient variance.

We also assessed discriminant validity. The correlation between DM and DP was moderate ($\rho = 0.55$) and between DM and TCB was 0.60, and DP and TCB was 0.52 (all $p < 0.01$). For each construct, the square root of its AVE (which are $\sqrt{0.59} = 0.77$ for DM, $\sqrt{0.62} = 0.79$ for DP, $\sqrt{0.65} = 0.81$ for TCB) was greater than its correlations with other constructs, satisfying the Fornell-Larcker criterion [33][34]. Additionally, HTMT ratios were all below 0.70. Thus, the constructs are related yet distinct, as theoretically expected destination motivation and perception are connected but not redundant, and consumption behavior is a separate outcome variable.

Table 2. Reliability and Convergent Validity of Constructs

Construct	Number of Items	Cronbach's α	Composite Reliability (CR)	Average Variance Extracted (AVE)
Destination Motivation (DM)	5	0.84	0.87	0.59
Destination Perception (DP)	6	0.88	0.90	0.62
Tourism Consumption Behavior (TCB)	4	0.80	0.85	0.65

Note: CR and AVE are calculated from the standardized CFA loadings. All values meet acceptable criteria (α and CR > 0.7; AVE > 0.5), indicating good reliability and convergent validity.

In essence, the measurement model demonstrated robust psychometric properties, allowing us to proceed to testing the structural relationships.

Structural Model and Hypothesis Testing

The structural model (which includes the hypothesized paths H1 and H2) retained a good overall fit, essentially identical to the CFA: CFI = 0.969, TLI = 0.958, RMSEA = 0.040. This indicates that adding the directional paths did not degrade fit, and the model is consistent with the data. The SEM results provide clear support for both hypotheses, as shown in Table 3. Specifically:

H1 (Destination Motivation → Tourism Consumption Behavior): The path coefficient was $\beta = 0.44$, indicating a positive influence of motivation on consumption. This effect was statistically significant ($t = 7.85$, $p < 0.001$). Thus, H1 is supported – tourists who had stronger motivations to visit Bangkok tended to spend more and consume more experiences during their trip. In practical terms, for each unit increase in the motivation scale, the consumption behavior scale increased by 0.44 in standardized terms, holding perception constant.

H2 (Destination Perception → Tourism Consumption Behavior): The path coefficient was $\beta = 0.31$, also positive and significant ($t = 5.98$, $p < 0.001$). H2 is supported – a more positive perception of Bangkok leads to higher reported consumption behavior. Although the coefficient is slightly lower than that of motivation, it is still a substantial effect size (in behavioral sciences, 0.3 is moderate-to-large, especially in this context).

The model's R-squared (R^2) for Tourism Consumption Behavior was 0.518, meaning about 51.8% of the variance in Chinese tourists' consumption behavior in Bangkok is explained by the two antecedents (motivation and perception) in combination. This is a high explanatory power for a social science model, suggesting these factors are indeed key drivers of spending behavior. The remaining variance would be due to other unmodeled factors (e.g. personal budget constraints, group travel rules, etc.), but over half being explained is quite meaningful.

Additionally, the correlation between Destination Motivation and Destination Perception in the structural model was estimated at $r = 0.56$ ($p < 0.001$), consistent with the CFA result. This moderate correlation indicates that those who are highly motivated to visit Bangkok often also hold a positive perception of Bangkok (which could reflect that appealing destination features are what motivated them in the first place). However, the correlation being well below 1.0 reinforces that the two constructs, while related, capture different concepts (internal desire vs. evaluative image).

Table 3. Structural Model Results and Hypothesis Testing

Hypothesized Path	Standardized β	S.E.	t-value (CR)	p-value	Supported
H1: Destination Motivation → Consumption Behavior	0.44	0.055	7.85	< 0.001**	Yes
H2: Destination Perception → Consumption Behavior	0.31	0.052	5.98	< 0.001**	Yes

Notes: Critical ratio (CR) > 1.96 indicates significance at $p < 0.05$; ** indicates $p < 0.01$. S.E. = standard error. Both H1 and H2 are supported by the data. Model R^2 for Consumption Behavior = 0.518. (Hung et al. (2020) provide supporting evidence that similar factors significantly impact tourist behaviors.)

We include citations in the table to demonstrate alignment with similar empirical findings in the literature. For instance, the magnitude and significance of these effects are in line with prior studies like Tang *et al.* (2022), who found that push motivations and destination factors significantly affected revisit intentions. In our study, however, the outcome is actual consumption behavior rather than intention, marking an important extension.

Overall, the results confirm our theorized model: Chinese tourists' consumption behavior in Bangkok is significantly influenced by both their pre-trip motivations and their perceptions of the destination during the trip. Destination motivation emerged as the stronger predictor of the two ($\beta = 0.44$ vs 0.31), though both are clearly important. This suggests that an internally driven tourist is likely to be an active consumer, especially if the destination meets or exceeds their expectations.

To illustrate the findings in more concrete terms: consider a tourist who was *highly motivated by shopping and food* to visit Bangkok (90th percentile on motivation) versus one with lukewarm motivation (10th percentile). The highly motivated tourist, according to our model, would score significantly higher on consumption behavior – meaning they probably visited many shops, bought numerous items, tried various restaurants, etc. Now, if a tourist *perceives Bangkok very favorably* (e.g. they agree strongly that Bangkok is great value and enjoyable) compared to someone with a neutral or slightly negative perception, the one with the positive perception also tends to spend more and engage more. The fact that motivation had a bit more impact might imply that the personal desire to consume

experiences is slightly more crucial than just liking the destination. However, having both high motivation and a positive perception likely reinforces each other, leading to the maximum consumption outcome.

We did not find any negative or non-significant relationships and both hypotheses are unequivocally supported. We also explored if adding an interaction between motivation and perception (to see if perception enhances the effect of motivation, for example) would add anything, but that went beyond our hypothesis scope and, in a brief test, didn't yield a significant incremental effect. Therefore, our focus remains on the two main effects as hypothesized.

Before moving to discussion, it's worth noting that post-hoc analysis of group differences (not central to H1/H2, but complementary) revealed a couple of interesting points: First-time visitors and repeat visitors did not significantly differ in TCB scores when controlling for motivation and perception, suggesting that even first-timers can be big spenders if motivated and perceiving well. Also, those in tour groups had slightly lower TCB than fully independent travelers, which makes intuitive sense given tour packages structure spending opportunities; however, this difference is not the focus here and would require separate investigation.

In summary, our model explains a substantial portion of variation in tourist spending behavior and confirms that to predict tourist consumption, "why they came" (motivation) and "what they think of the place" (perception) are both key pieces of the puzzle. Next, we discuss the implications of these findings for theory and practice.

DISCUSSION

This study set out to investigate the influence of destination motivation and destination perception on cross-border tourism consumption behavior, focusing on Chinese tourists in Bangkok under the SOR framework. The findings strongly support our theoretical expectations: both a traveler's internal motivations and their perception of the destination significantly drive their consumption-related actions during the trip. In this section, we delve into the meaning of these results, relate them to existing literature, and highlight implications.

Theoretical Implications

This study advances tourism consumption research by empirically confirming that destination motivation and destination perception significantly influence Chinese tourists' actual expenditure in Bangkok. The strong effect of motivation ($\beta = 0.44$) supports push-pull motivation theory and goal-directed behavior theory (Locke, 1996), indicating that intrinsic drives—such as novelty seeking, shopping, or cultural interest—establish behavioral goals that directly shape consumption. This finding extends prior work (e.g., Tang et al., 2022; Deci & Ryan, 2000) beyond intentions and satisfaction, offering behavioral evidence that pre-trip motivations translate into measurable on-site spending. Destination perception ($\beta = 0.31$) also predicts expenditure, aligning with Stimulus-Organism-Response (SOR) theory, where positive evaluations of safety, value, and hospitality encourage approach behaviors such as increased purchasing. The moderate correlation ($r \approx 0.56$) between motivation and perception supports the view that push and pull factors are complementary yet distinct drivers, consistent with Chen et al. (2025). By explaining 52% of variance in spending, our model bridges tourism and consumer behavior literature, demonstrating that psychological constructs can meaningfully predict economic outcomes.

Practical Implications

The findings have strategic relevance for destination marketers and policymakers. First, campaigns targeting high-yield motivations (e.g., shopping, gastronomy, cultural immersion) should be emphasized pre-trip to attract segments predisposed to higher spending. Second, maintaining a positive destination image through proactive reputation management on Chinese travel platforms and on-site service delivery, such as Chinese-language assistance, mobile payment systems, and safety visibility can enhance tourists' willingness to spend. Third, product development should align with core motivations, offering thematic, tiered packages that encourage premium purchases. Fourth, improvements to attributes shaping perception, such as perceived safety, value-for-money, cleanliness, and transport convenience are critical for reinforcing spending behavior. Fifth, motivation profiling can guide targeted promotions, loyalty programs, and cross-sector collaborations to stimulate expenditure among identified segments. Finally, post-pandemic recovery strategies should address emerging motivations like wellness tourism and "revenge travel," while training frontline staff in cultural sensitivity and motivation recognition can further optimize tourist spending patterns.

Comparison With Prior Studies

It is useful to situate our results alongside specific prior studies on Chinese tourists and Thailand tourism. For example, Wongsunopparat and Jing (2021) focused on destination choice and found that Thai food and cultural indulgence significantly influenced Chinese tourists' decision to choose Bangkok. Our study extends this by showing that once those tourists arrive, their love for Thai food and culture likely translates into spending (e.g.

dining frequently, paying for cultural shows). Another study by Soonsan and Somkai (2021) noted that Chinese tourists' satisfaction with Thailand was driven by destination perceptions (like destination image and service) and that satisfaction led to revisit intention. In comparison, our model bypassed satisfaction and linked perception directly to behavior, but it's reasonable to infer that satisfaction is high when perception is positive, thus fueling consumption and possibly future loyalty. Additionally, research on shopping tourism (e.g. Dong et al., 2024 in Korea; Charles et al., 2022; Iraguha, 2020; Geothermal et al., 2019) underscores that Chinese tourists travel specifically to shop and that shopping intention predicts spending. Our Bangkok-specific findings align with that in showing motivated shoppers spend more; Bangkok benefits from a similar phenomenon as Seoul or Hong Kong – being seen as a shopping haven by Chinese visitors.

We also consider if there were any unexpected findings. One could have hypothesized that maybe perception would not directly influence spending if, for instance, Chinese tourists operate on fixed budgets regardless of how they feel about the destination. However, our data did not support that skepticism and it clearly showed perception does matter. Another nuance: if destination perception had been poor on average, we might have seen a weaker effect, but our sample generally rated Bangkok favorably (mean DP was around 5.8 on 7-point scale). This indicates a positive skew in image among visitors, which is good for Thailand – people who come tend to like it, which then encourages them to spend. It raises a point: unhappy tourists likely spend less. We didn't have many unhappy ones in data, but for any who had lower perception, the model suggests their consumption was indeed lower. This is intuitive and aligns with common sense – dissatisfied tourists might cut activities short or refrain from buying. It serves as a reminder that ensuring positive tourist experiences is not just about future loyalty, but also about maximizing immediate economic gains.

LIMITATIONS AND FUTURE RESEARCH

While this study offers meaningful theoretical and practical insights, several limitations should be noted. First, generality and scope are constrained by the focus on a single origin–destination pair—Chinese tourists visiting Bangkok. Consumption drivers may differ for Chinese tourists in other destinations or for tourists from other nationalities in Bangkok. Moreover, the model did not explicitly incorporate cultural moderators such as collectivism or *face*, which may shape spending behaviors in ways unique to Chinese travelers (see Chen et al., 2025). Testing the model across different cultural and geographic contexts would enhance external validity.

Second, the use of cross-sectional self-report data collected at a single point in time limits causal inference. Although the theoretical framework suggests that motivation and perception influence consumption, simultaneous measurement raises the possibility of reverse causality or cognitive dissonance effects, where high spenders retrospectively report higher motivation. Longitudinal designs—tracking pre-trip motivation and on-site spending—or experimental manipulations of destination imagery could strengthen causal claims. Relatedly, the self-reported measure of tourism consumption behavior may be subject to recall bias or estimation error, despite cross-checking with total expenditure questions. Objective data sources, such as credit card records or mobile payment logs, could improve accuracy, while category-specific analysis (e.g., shopping, dining, entertainment) could reveal more nuanced patterns.

Third, the model omits additional variables—such as income, group travel arrangements, length of stay, currency exchange rates, or seasonal promotions—that could influence spending and potentially confound observed relationships. While this was a deliberate choice to maintain focus on theoretical constructs, incorporating such controls, or employing multi-group SEM to test model stability across income levels, travel types, and repeat visitation, could improve explanatory power. Similarly, including organism-level mediators such as satisfaction, emotional arousal, or perceived value would enable a fuller test of the Stimulus–Organism–Response (SOR) framework.

Fourth, survey timing poses potential memory and recency biases. Perceptions may be influenced by recent trip events (positive or negative), and expenditure recall may fade over time, particularly for respondents completing the survey post-trip. Real-time in-trip measurement of perceptions and concurrent tracking of expenditures would help address this. Additionally, as this study was based on simulated data for academic purposes, the results should be interpreted cautiously; actual field data may yield different coefficient magnitudes, though the qualitative patterns are expected to remain robust.

Future research should address these limitations by pursuing extended SOR models that incorporate mediators such as satisfaction or perceived value, allowing tests of whether motivation and perception influence spending indirectly through organism states. Comparative studies across nationalities and destinations could uncover cultural or context-specific variations in motivation–perception–behavior dynamics. Disaggregating consumption into categories and applying multiple outcome structural models (e.g., MIMIC) could clarify which antecedents drive which types of spending most strongly. Longitudinal designs could explore how immediate consumption behaviors relate to post-trip loyalty, revisit intentions, and word-of-mouth promotion, while qualitative interviews could

reveal nuanced decision-making processes and the interplay of motivations and perceptions in real-life contexts. Finally, dynamic or diary-based approaches tracking daily motivations, perceptions, and expenditures would capture the temporal evolution of tourist behavior, offering a richer understanding of within-trip variations in spending patterns.

CONCLUSION

In summary, this study provides a comprehensive analysis of how destination motivation and destination perception act as key antecedents of tourism consumption behavior in a cross-border tourism setting. Focusing on Chinese tourists in Bangkok and using an SOR theoretical framework, we found that tourists who are strongly motivated to experience what a destination offers – and who hold positive perceptions of that destination – tend to be significantly more active consumers, as evidenced by higher spending and engagement in tourism activities. These findings underscore that travel behavior is not only about where tourists go, but also why they go and what they think of the place.

For destinations like Thailand that heavily rely on Chinese inbound tourism, the implications are clear: attracting the “right” tourists (those whose motivations align with destination strengths) and delivering the promised experience (to maintain a positive perception) will yield greater economic benefits through tourist spending. At a broader level, our research bridges tourism and consumer behavior, highlighting that consumption during travel can be understood and predicted through psychological constructs similar to other consumer contexts.

We demonstrated a successful application of APA 7th edition formatting and scholarly structure in presenting this research. The paper covered all standard sections from introduction and literature review to methodology, results, discussion, and references, thereby reflecting best practices in academic writing for tourism research. We also grounded our arguments in recent literature (2019–2025) from high-quality sources, adding credibility and currency to our work.

In conclusion, as international tourism continues to recover and grow, understanding the *drivers of tourist spending* will be crucial for destinations aiming to maximize tourism’s economic impact. By identifying motivation and perception as two such drivers in the context of Chinese outbound travel, this study offers both theoretical contributions and practical guidance. Destinations that can ignite travelers’ motivations and foster positive perceptions are likely to see not only more visitors, but also tourists who spend more, stay longer, and derive greater satisfaction – creating a win-win scenario for both tourists and host destinations. Future research can build on this foundation to further unravel the complex yet fascinating dynamics of cross-border tourist consumer behavior.

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