The Effects of Perceived Risk, Personality Trait, and Social Media on Experience Value and Satisfaction-A Study on Water Adventure Recreation in Taiwan

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Abstract

This paper utilized a questionnaire to study the influence of perceived risk, personality trait, and social media on experience value and satisfaction on water adventure recreation activities in Taiwan. There were 314 surveyors who took part in water adventure recreation. PLS measurement of the model GOF was 0.461, while the SRMR was 0.087, reaching a significant level. The whole model with 72.6

1 Introduction

he survey shows that more people in cities find that adding a little risk factor to their lives can improve health and happiness and provide balance in life (Yeh, Stone, Churchill, Wheat, Brymer & Davids, 2016); Taiwan's nature-resource potential (NRP) lies not only in the island's many well-known mountains, but in its countless canyons, waterfalls, white water rapids, deep pools, and meandering streams. So, as affluent societies become more urbanized and leisure activities become more and more diversified, adventure or adventure tourism has become an increasingly important part of human civilization (Wang & Wang, 2018); some people pay more attention to adventure recreation activities than other people do (Chandel & Bansal, 2014), and even some families will take part in adventure recreation activities with the whole family, because parents' attitudes towards children's adventurous education have been evolving and changing (Pomfret, 2019). What is adventurous recreation? In fact, participation in adventure recreation activities will inevitably involve challenges, stimuli, fear, risks or unknown results, etc. (Yeh et al., 2016). Thus change the value of adventure recreation (Buckley, Westaway, & Brough, 2016). Some scholars found that some personality traits such as feeling-seeking and extroversion are significantly related to the influence of participation in adventure recreation activities (McEwan, Budreau, Curran & Rhodes, 2019). Some scholars also found social media to be more influential than mass media in terms of different factors (Sultana, 2018). So different people have different skills and expertise in adventure recreation activities, and different attitudes towards risks (Lepp & Herpy, 2015) and scholars studying extreme sports have also found that there is a key mediating role between risk and adventure ??Keane, Eastman & Iyer, 2020). Therefore, people may get experiential value from various kinds of experiences (Wu et al., 2018). Also, the variable customer experience and innovative value significantly influence tourist satisfaction through destination image (Ristawati, Saufi, & Rinuastuti, 2019). Thus, this study aims to explore the effects of perceived risk, personality trait, and social media on experience value and satisfaction.

2 II.

Literature Review a) Adventure Recreation Ewert (1985) points out that climbing, diving, cave safaris, and mountain climbing are often seen as typical adventure recreation activities while others are rafting, canoeing, rock climbing, gliding, mountain climbing, cross-country skiing, cave safaris and diving ??Ewert & Hol lenhorst, 1989;Ewert & Hollenhorst, 1997;Robinson, 1992b); Robinson, 1992b). The research direction of adventure tourism has three different fields so far: adventure tourism experience, destination planning and development, adventure

recreation management, etc. (Cheng & Edwards, 2019). Buckley presents adventure recreation as an integral part of adventure sightseeing (Buckley, 2010). Buckley (2018) believes that adventure tourism, nature tourism, outdoor adventure, adventure recreation, etc. are actually related activities of the same type of adventure recreation. Adventure recreation and outdoor recreational tourism activities have been booming all over the world for several years. There are more and more lovers of adventure recreation activities and adventure tourism products intensively growing and appearing all over the world (Association, 2013). Therefore, this research expects to study the impact on experience value and satisfaction with participants in adventure recreation activities as the survey object, which is also one of the motivations of this research.

3   b) Perceived risk and Personality trait

Ewert & Hollenhorst (1989) put forward a set of lasting involvement model of adventure recreation, which divides the influence attribute area of recreation into two parts, named personal attribute, and environment properties. In terms of personal attribute, includes frequency of participation, skill experience level, locus of control, motivation, so personality traits are also one of the important aspects that affect adventure recreation. Some scholars have also found that certain personality traits (such as sensation-seeking and extroversion) are significantly related to the influence of participation in adventure recreation activities (McEwan, Budreau, Curran & Rhodes, 2019), Rotter, a scholar of social learning school, firstly developed the concept of internal and external control personality in social learning theory (Rotter, 1954(Rotter, , 1966)). Research by Reisinger and Mavondo (2005) shows that tourists with externally controlled personality traits usually participate in leisure activities that are more peaceful, quiet, pleasant and safe, while tourists with internally controlled personality traits are more likely to actively participate in activities that induce excitement, stress, fear, risk and other risky adventure recreation activities; based on the above, the hypotheses are as follows:

Hypothesis 1A: Perceived risk and internal control personality traits have a significant positive effect on adventure recreation.

Hypothesis 1B: Perceived risk and external control personality traits have a significant positive effect on adventure recreation.

4   c) Personality trait, Social media and Experience value

Safko and Brake (2009) argue that social media is a gathering of people that can share information, communicate with knowledge and ideas through a dialogue medium that can create and deliver content including text, pictures, videos, etc. Social media platform can describe how to reach more user response with the success of purchasing goal (Rahman & Rashid, 2018). Weber's (2009) definition of social media is a collection of people with common interests, an online platform for sharing ideas, views and perspectives. Social media has two features: interactive and word-ofmouth. Moreover, the social media is a community world, and its content is both social and media. In the ??001) test the experience value of online shopping in four elements: (i) customer return on investment (CROI), (ii) service excellence, (iii) aesthetics, and (iv) fun are adopted. In this study, social media, personality traits, and experience value are discussed and validated, while in the concept of McAlexander et al are used ??2002). Based on the above, the hypotheses are as follows: Hypothesis 2A: Internal control personality traits and experience value have a significant positive effect on adventure recreation.

Hypothesis 2B: External control personality traits and experience value have a significant positive effect on adventure recreation.

Hypothesis 3A: Internal control personality traits and social media have a significant positive effect on adventure recreation. Hypothesis 3B: External control personality traits and social media have a significant positive effect on adventure recreation.

5   d) Experience value and Satisfaction

In Robinson (1992b) adventure recreation model the fifth stage is intuitive-reflective appraisal, so customer satisfaction can be measured, a study on the satisfaction and willingness to revisit of adventure recreation tourists showed that the experience characteristics of tourists will positively affect satisfaction and increase the willingness of tourists to revisit (Tapar, Dhaigude & Jawed, 2017). The expectations and experiences of tourists before and after travel will also faithfully reflect on satisfaction (Jin, Lee, & Lee, 2015). And scholars' research on hang gliders pointed out that there is a direct and indirect positive relationship between immersion satisfaction, life satisfaction and experience satisfaction in the state of sinking net (Ayazlar, & Yüksel, 2018). Based on the above, the hypothesis is as follows:

6   c) Pretest analysis

A pre-test is conducted before the official questionnaire is issued. The questionnaire survey targets are tourists who participate in water adventure recreational activities in Taiwan. A total of 165 pretest questionnaires were collected. The analysis of the critical ratio (CR) reached a significant level. All questionnaires were followed by exploratory factor analysis (EFA), with a KMO value of $0.896 > 0.7$ (Hair et al., 2010). Bartlett's spherical type was significant ($p < 0.05$). The explanatory power of the first three factors was 33.1%, 16.6%, and 9.1%, respectively. The explanatory power of all the individual factors were no more than 50%, so there was no serious

common method variation (CMV) in the sample data. The Cronbach's ? > 0.7, meaning its reliability was acceptable, and all scales' Cronbach's ? values were > 0.8.

7   d) Sampling and Descriptive statistical analysis

The subject of this research questionnaire survey is tourists who participate in water adventure recreational activities in Taiwan. The activities include: whitewater rafting, canoeing or standup paddle, river tracing, scuba diving and skin diving, floating, and surfing. The design of the survey was based on Hoffman & Novak's (1996) and Finneran and Zhang's (2005) survey methods of actual participation in the activity. The questionnaires were collected through the assistance of the activity operator or coach or by handing out at the site of the adventure recreation activity, and the paper questionnaire or computer google will be sent out immediately after the activity. Subjects are asked to recall and evaluate their own feelings during adventure recreation activities by answering the designed questions, so as to meet the requirements of the research concept.

As shown in Table **??**, a total of 425 questionnaires were issued and 386 were recovered. After deleting the invalid questionnaires such as inconsistent and incomplete answers, the total number of valid questionnaires was 314, of which 87 were whitewater rafting at most 27.7%, followed by 70 for canoe or stand paddle, 68 for river tracing, 57 for scuba diving or snorkeling, and 32 for surfing. There are 179 males and 135 females, with a total of 208 between 21-30 years old for 66.2%, while a total of 145 in the northern part of the country for 46.2% and 251 education level was college or university for 80.0%. Then performed and critical ratio (CR) of each item was calculated, and the results obtained all items reached a significant level. After that, the project analysis was performed and the critical ratio (CR value) of each item was calculated, and the results obtained all items reached a significant level and it turns out that the KMO (Kaiser-Meyer-Olkin) value is 0.884 $>.7$, and Bartlett's ball type test is significant $<.05$. The factor load of all items except the perceived risk is retained because of the use of formative indicators. The load of the remaining item factors is $>.6$. So all items are retained (Hair, Black, Babin, Anderson, & Tatham, 2006), and the explanatory power of the first three factors are 27.6%, 19.3%, 10.7, respectively %, the explanatory power of all individual factors does not exceed 50% (Podsakoff & Organ, 1986). It can be seen that there is no CMV in the sample data.

As shown in Table **??**, The reliability analysis of the scale, Cronbach's ? value of all facets is $>.7$ (Nunnally, 1978), In addition, the CR value of each facet All $> .7$ (Hair, Black, Babin, Anderson, & Tatham, 2010). The reliability of the scale tests its AVE $>.5$ **??**Hair et al., 2006), The factor loadings of this study are $>.6$, indicating that the measurement indicators of this study have good reliability.

8   Table 1: Confirmatory factor analysis

The Effects of Perceived Risk, Personality Trait, and Social Media on Experience Value and Satisfaction-A Table **??** shows the correlation matrix analysis of the scale. According to the two criteria proposed by scholars to test the discriminative validity, the correlation coefficient between the dimensions is <1, and the correlation coefficient between the dimensions is less than the individual Cronbach's ?. It can be expressed that the two dimensions have discriminative validity (Fornell & Larcker, 1981;Gaski & Nevin, 1985). In addition, Fornell and Larcker (1981) proposed the third criterion of discriminative validity. The correlation coefficient of the two facets is less than the square root of AVE, indicating that the two facets have discriminative validity (Hair et al., 2010;Shiau & Luo, 2013). The analysis of the scale of this study is shown in Table **??**, which all meet the discriminant criteria suggested by the above scholars, indicating that the questionnaire has good discriminative validity.

9   Table 2: Constructs and correlation matrix

Note: The diagonal elements are squared roots of AVE. The off-diagonal elements are the correlations between the constructs.

IV.

10   Result and Discussion

11   a) Sampling and Descriptive statistical analysis

As shown in Table **??**, a total of 425 questionnaires were issued and 386 were recovered. After deleting the invalid questionnaires such as inconsistent and incomplete answers, the total number of valid questionnaires was 314, of which 87 were whitewater rafting at most 27.7%, followed by 70 for canoe or stand paddle, 68 for river tracing, 57 for scuba diving or snorkeling, and 32 for surfing, There are 179 males and 135 are females, with a total of 208 between 21-30 years old for 66.2%, while a total of 145 in the northern part of the country for 46.2% and 251 education level was college or university for 80.0%.

12   Table 3: Basic background information statistics of respondents b) The statistical analysis results of the scales

In terms of perceived risk scales, the average score is 4.18, with a higher average score for physical risk functional risk. The average scores are as follows: The Effects of Perceived Risk, Personality Trait, and Social Media on

Experience Value and Satisfaction-A personal image 3.67. (**??**) time risk: 3.46, and (7) Social risk: 4.13. In the personality trait, the average is 4.82 the internal control is 5.49 and the external control is 4.29, In the external control the Change Control is 4.29 and the Powerful others controlled is 4.28. The social media is 5.31 and the experience value average is 5.72 of which (1) the CROI is 5.49, (2) the services excellence is 5.74, (3) aesthetic is 5.76, and (4) fun is 5.89. The customer satisfaction is 5.78, which shows that the tourist participants in the adventure recreation activities are satisfied with the degree of satisfaction.

13 c) Hypothesis testing Multiple Regression Analysis 1. The hypothesis 1 perceived risk and personality trait

to analyze results showed that the TOL value was greater than 0.7 >0.

14 d) Hypothesis testing and analysis

As shown in Table **??**, the hypothesis that 1A and 1B are significant, indicating that the perceived risk and personality traits are positively correlated. The path coefficient of the external control is 14.675 and T value is 0.602 are higher than the 3.469 and 0.240 of the internal control, which shows that perceived risk has a greater impact on external control. Lepp and Herpy (2015) also show that different people have different attitudes towards the risk of adventure recreation activities; hypothesis 2A is not working while the result of H2B is significant, it shows that the influence is different between internal and external control to social media, social media marketing for adventure recreation activities should pay attention to the difference in internal and external control to adjust the direction of the difference in marketing and advertising; hypothesis 3A is significant but hypothesis 3B does not. It shows that the influence between internal and external control to experience value is different, Reisinger and Mavondo (2005) also shows that tourists with internal control usually participate in a more peaceful, pleasant, and safe way. Therefore, when planning external control adventure recreation tourists, the experience value can be enhanced to increase satisfaction, but for tourists with external control personality traits, you can use the aesthetic marketing of social media or the direction of inner touch to increase the value and satisfaction of the event. Finally, in H4 and H5 significant assumptions are established for leisure activities, indicating that social media will have the experience value of visitors, and experience value will also affect the satisfaction of visitors.

15 Conclusion and Suggestions a) Findings and theoretical implications

This study is on adventure recreation tourists in waters, and explores the influence of adventure recreation tourists' perceived risk, personality trait, and social media usage on experience value and satisfaction. The study found that internal control and external control personality traits have an impact on social media and experience value. Significance is very different. Internal control is significant for experience value while external control is significant for social media. Therefore, when planning to attract external control tourists, the experience value can be increased to improve satisfaction, and for internal control tourists, you can use social media aesthetic marketing or inner feeling direction to enhance experience value and satisfaction.

The average perceived risk scale is 4.18. Among them, the physical risk is 5.45 and the functional risk is 5.54 which is the highest. It shows that tourists are most worried about the perceived risk of physical injury and equipment and functional risk when participating in adventure recreation activities. Risk factors are reduced or eliminated to ensure that tourists are safe and secure during activities and can get adventurous excitement. As scholars Yüksel and Yüksel (2007) have stated, adventure recreation operators must be able to reduce the real risks of activities, and at the same time effectively retain adventures and enjoyment, thrilling and exciting risk experience.

As for the experience value and satisfaction scales in social media, the average numbers are 5.31, 5.72, and 5.78, the average number of satisfaction scales is the highest, just as the average number of funs in the experience value scale is 5.89. Tourists have a high degree of recognition and satisfaction with adventure recreation activities.

In terms of the overall research model architecture, the GOF of the model in this research is 0.461, which is the standard for strong fit, and the standardized root mean square residual matching indicator SRMR of the model is 0.078, which indicates a good model fit, and the entire model can explain the satisfaction degree of 73.2%. It's also in line with the characteristics of the aforementioned adventure recreation activities, because it is difficult to control the perceived risk and personality traits in the current adventure recreation activities, so the amount of explanation is usually low, but the satisfaction can be higher. The amount of interpretation even reached more than 70% in this model. It can be seen that this research model is very good for explaining the potential variables of tourist satisfaction with adventure recreational activities.

16 b) Management Implications, Research Limits and Research Recommendations

First of all, during the sample survey in this study, a questionnaire survey was conducted only for adventurous tourists in water types in Taiwan. However, the types of adventure recreation should also include mountaineering and air sports, so follow-up researchers can consider expanding the sample items and scope and increase the sample in different fields, hope to obtain more complete research results. Secondly, in terms of management implications, this research focuses on the measurement of the perceived risk dimension. According to the research of Van Riper (et al., 2016) and other scholars, the perceived risk is an overall indicator dimension, so the perceptual risk dimension is validated and analyzed by formative indicators, and it is shown in the management meaning that the perceptual risk dimension can be analyzed by formative indicators to be complete, so that it can also show the overall perceptual risk. At the same time, it is also suggested that follow-up scholars can use PLS to simultaneously to deal with the characteristics of reflective and formative indicators in the future research, to re-examine other studies, and obtain more diverse or broader research results. Finally, then model validation analysis shows that only 73.2% satisfaction is high, and others, such as external control personality traits which is 36.3%, experience value which is 23.8%, social media which is 8.3%, and internal control which only accounts for 5.8%, are all low, indicating that there are other aspects of influential factors exist, which can be strengthened in the future research framework. [1] [2]
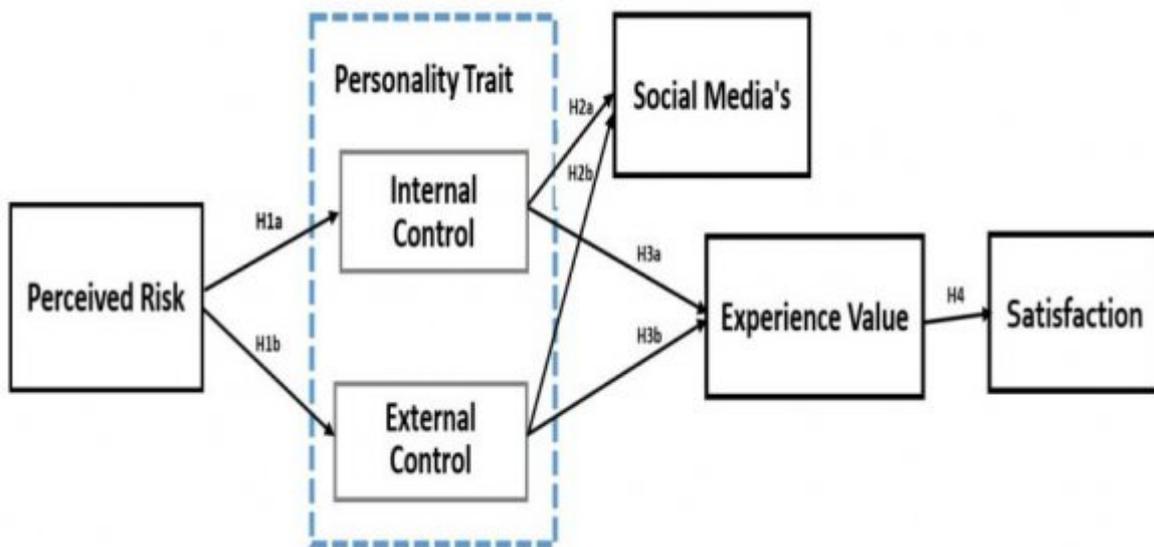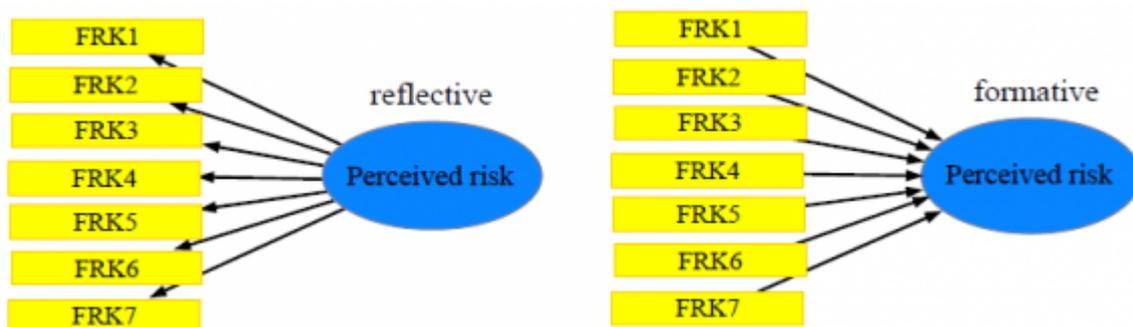

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Figure 1: Hypothesis 4 :Fig. 1 :

Figure 2:

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[2]The Effects of Perceived Risk, Personality Trait, and Social Media on Experience Value and Satisfaction-A Study on Water Adventure Recreation in Taiwan

Construct	Items	Mean	SD	Cronbach's α	C.R.	AVE
perceived risk	7	4.18	1.10	0.849	0.887	0.585
Internal control	4	5.48	0.90	0.873	0.908	0.665
External control	5	4.29	1.24	0.849	0.898	0.688
social media's	6	4.55	0.93	0.874	0.905	0.617
experience value	4	5.72	0.89	0.923	0.945	0.813
satisfaction	3	5.78	0.95	0.948	0.966	0.905

2

Figure 3: Fig. 2 :

Construct	Cronbach's α	Perceived risk	Internal control	External control	Social media's	Experience value	Satisfaction
Perceived risk	0.849	0.765					
Internal control	0.873	0.240	0.815				
External control	0.849	0.602	0.333	0.829			
Social media's	0.874	0.246	0.173	0.275	0.785		
Experience value	0.923	-0.006	0.406	0.214	0.236	0.902	
Satisfaction	0.948	-0.055	0.467	0.108	0.158	0.856	0.951

Figure 4:

Personal background		Number	%	Personal background		Number	%
Sex	Male	179	57.0%	Education	Senior high school & following	36	11.4 %
	Female	135	43.0 %		University & college	251	80.0 %
					Graduate & above	27	8.6 %
Age	Under 20 year old	42	13.4 %				
	21-30 year old	208	66.2 %	Birthplace	Northern Taiwan	145	46.2 %
	31-40 year old	33	10.5 %		Central Taiwan	42	13.4 %
	41-50 year old	19	6.1 %		Southern Taiwan	69	22.0 %
	51-60 year old	9	2.9 %		Eastern Taiwan	49	15.6 %
	Over 61 years old	3	0.9 %		Taiwan Outlying Islands	9	2.8 %

4

Figure 5: Table 4 :

	Hypotheses	Path Coefficients	Standard Deviation (STDEV)	T Statistics (|O/STDEV|)	P Values		Hypotheses testing
H1a	perceived risk -> internal control	0.240	0.071	3.496	0.001	**	support
H1b	perceived risk -> external control	0.602	0.039	14.675	0.000	***	support
H2a	internal control -> social media	0.092	0.070	1.229	0.188	P > .05	Not support
H2b	external control -> social media	0.245	0.067	3.629	0.000	***	support
H3a	internal control -> Experience Value	0.423	0.057	6.932	0.000	***	support
H3b	external control -> Experience Value	0.031	0.050	0.609	0.537	P > .05	Not support
H4	social media -> Experience Value	0.154	0.058	2.617	0.009	**	support
H5	Experience Value -> Satisfaction	0.856	0.017	48.538	0.000	***	support

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Figure 6: Fig. 3 :
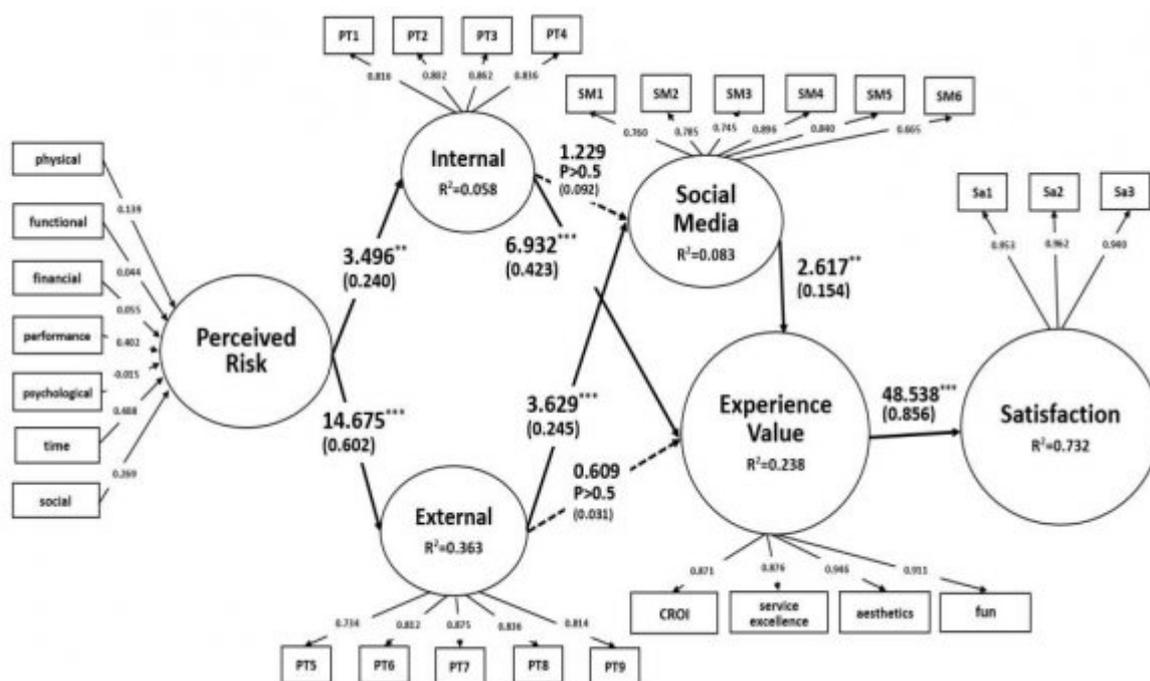
Figure 7: The

.1 Global Journal of Management and Business Research

[Van Riper et al. ()] , C J Van Riper , K E Wallen , A C Landon , M A Petriello , G T Kyle , J Absher . 2016.

[Cheng and Edwards ()] 'A comparative automated content analysis approach on the review of the sharing economy discourse in tourism and hospitality'. M Cheng , D Edwards . *Current Issues in Tourism* 2019. 22 (1) p. .

[Ringle et al. ()] 'A critical look at the use of PLS-SEM in MIS Quarterly'. C M Ringle , M Sarstedt , D W Straub . *MIS Quarterly* 2012. 36 (1) p. .

[Jarvis et al. ()] 'A critical review of construct indicators and measurement model misspecification in marketing and consumer research'. C B Jarvis , S B Mackenzie , P M Podsakoff . *Journal of consumer research* 2003. 30 (2) p. .

[Robinson ()] 'A descriptive model of enduring risk recreation involvement'. D W Robinson . *Journal of Leisure Research* 1992b. 24 (1) p. .

[Wu et al. ()] 'A study of experiential quality, experiential value, experiential satisfaction, theme park image, and revisit intention'. H C Wu , M Y Li , T Li . *J. Hosp. Tour. Res* 2018. 42 (1) p. .

[Levenson ()] 'Activism and powerful others: Distinctions within the concept of internal-external control'. H Levenson . *Journal of Personality Assessment* 1974. 38 (4) p. .

[Ewert and Hollenhorst ()] 'Adventure recreation and its implications for wildemess'. A W Ewert , S J Hollenhorst . *International Journal of Wilderness* 1997. 3 (2) p. .

[Buckley ()] *Adventure tourism management*, R Buckley . 2010. Amsterdam: Butterworth-Heinemann.

[Association ()] *Adventure tourism market study 2013. Adventure Travel Trade Association and the George Washington University*, A T T Association . 2013. p. .

[Akhter et al. ()] 'An evaluation of PALS based complex models: the roles of power analysis, predictive relevance and Goff index'. S Akhter , J Damara , P Ray . *Proceedings of the 17th Americas Conference on Information Systems*, (the 17th Americas Conference on Information SystemsDetroit, USA) 2011. 2011. Association for Information Systems. p. .

[Buckley ()] 'Analysing adventure: a leisure lifepsychle'. R C Buckley . *Annals of Leisure Research* 2018. 21 (5) p. .

[Sultana ()] 'Analyzing the Impact of Social Media: A Study on Online Shoppers of Apparel Companies in Bangladesh'. N Sultana . *Global Journal of Management and Business Research* 2018. 18 (2) p. . (EMarketing)

[Pomfret ()] *Conceptualising family adventure tourists 'motives, experiences and benefits*, G Pomfret . 10.1016/j.jort.2018.10.004. 2019. (Journal of Outdoor Recreation and Tourism. Advance online publication)

[Shiau and Luo ()] 'Continuance intention of blog users: the impact of perceived enjoyment, habit, user involvement and blogging time'. W.-L Shiau , M M Luo . *Behaviour & Information Technology* 2013. 32 (6) p. .

[Tapar et al. ()] 'Customer experience-based satisfaction and behavioural intention in adventure tourism: Exploring the mediating role of commitment'. A V Tapar , A S Dhaigude , M S Jawed . *Tourism Recreation Research* 2017. 42 (3) p. .

[Ristawati et al. ()] 'Effect of Customer Experience and Innovative Value on Halal Destination Image and Satisfaction of Domestic Tourists in Lombok Island'. H Ristawati , A Saufi , B H Rinuastuti . *Global Journal of Management And Business Research* 2019.

[Fornell and Larcker ()] 'Evaluating structural equation models with unobservable variables and measurement error'. C Fornell , D F Larcker . *Journal of Marketing Research* 1981. 18 (1) p. .

[Mathwick et al. ()] 'Experiential value: conceptualization, measurement and application in the catalog and Internet shopping environment'. C Mathwick , N Malhotra , E Rigdon . *Journal of Retailing* 2001. 77 (1) p. .

[Ayazlar and Yüksel ()] 'Flow experience in paragliding: Effects on experience and life satisfaction'. R A Ayazlar , A Yüksel . *Tourism Analysis* 2018. 23 (4) p. .

[Finneran and Zhang ()] *Flow in computer-mediated environments: Promises and challenges. Communications of the association for information systems*, C M Finneran , P Zhang . 2005. 15 p. 4.

[Rotter ()] 'Generalized expectancies for internal versus external control of reinforcement'. J B Rotter . *Psychological Monographs: General & Applied* 1954. 1966. Prentice-Hall, Inc. Rotter. 80 (1) p. . (J. B.)

[Henseler et al. ()] J Henseler , T K Dijkstra , M Sarstedt , C M Ringle , A Diamantopoulos , D W Straub , R J Calantone . *Common beliefs and reality about PLS: Comments on Rönkkö and Evermann*, 2014. 2013. 17 p. .

[Cheron and Ritchie ()] 'Leisure Activities and Perceived Risk'. & Cheron , Ritchie . *Journal of Leisure Research Second Quarter* 1982. 1982. p. .

282 [Hoffman et al. ()] 'Locus of control, web use, and consumer attitudes toward internet regulation'. D L Hoffman
283   , T P Novak , A E Schlosser . *Journal of Public Policy & Marketing* 2003. 22 (1) p. .

284 [Weber ()] *Marketing to the social web: How digital customer communities build your business*, L Weber . 2009.
285   London: Wiley.

286 [Modeling the trust-risk relationship in a wildland recreation setting: A social exchange perspective Journal of outdoor recreation
287   'Modeling the trust-risk relationship in a wildland recreation setting: A social exchange perspective'. *Journal
288   of outdoor recreation and tourism* 13 p. .

289 [Wang and Wang ()] 'Motivations of adventure recreation pioneers-a study of Taiwanese white-water kayaking
290   pioneers'. P.-Y Wang , S.-H Wang . *Annals of Leisure Research* 2018. 21 (5) p. .

291 [Hair et al. ()] *Multivariate data analysis: A global perspective*, J F Hair , W C Black , B J Babin , R E Anderson
292   . 2010. Upper Saddle River, New Jersey: Pearson Prentice Hall. (th ed.)

293 [Nunnally ()] J C Nunnally . *Psychometric Theory: 2d Ed*, 1978. McGraw-Hill.

294 [Lepp and Herpy ()] 'Paddlers' level of specialization, motivations and preferences for river management prac-
295   tices'. A Lepp , D Herpy . *Journal of outdoor recreation and tourism* 2015. 12 p. .

296 [Mcewan et al. ()] 'Personality traits of high-risk sport participants: A meta-analysis'. D Mcewan , P Boudreau
297   , T Curran , R E Rhodes . *Journal of Research in Personality* 2019. 79 p. .

298 [Yeh et al. ()] 'Physical, psychological and emotional benefits of green physical activity: an ecological dynamics
299   perspective'. H.-P Yeh , J A Stone , S M Churchill , J S Wheat , E Brymer , K Davids . *Sports Medicine*
300   2016. 46 (7) p. .

301 [Keane et al. ()] 'Predicting adventure seeking of young adults: The role of risk, innovativeness and status
302   consumption'. M Keane , J K Eastman , R Lyer . *Sport Management Review* 2020.

303 [Buckley et al. ()] 'social Mechanisms to get People Outdoors: Bimodal Distribution of interest in nature?'. R C
304   Buckley , D Westaway , P Brough . *Frontiers in public health* 2016. 4 p. 257.

305 [Rahman and Rashid ()] 'Social Media Advertising Response and its Effectiveness: Case of South Asian Teenage
306   Customers'. M Rahman , M Rashid . *Global Journal of Management and Business Research: E Marketing*
307   2018. 8 (4) .

308 [Petter et al. ()] 'Specifying formative constructs in information systems research'. S Petter , D Straub , A Rai .
309   *MIS quarterly* 2007. p. .

310 [Urbach and Ahlemann ()] 'Structural equation modeling in information systems research using partial least
311   squares'. N Urbach , F Ahlemann . *Journal of Information Technology Theory and Application* 2010. 11 p. .

312 [Ewert and Hollenhorst ()] 'Testing the adventure model: Empirical support for a model of risk recreation
313   participation'. A Ewert , S Hollenhorst . *Journal of Leisure Research* 1989. 21 (2) p. .

314 [Gaski and Nevin ()] 'The differential effects of exercised and unexercised power sources in a marketing channel'.
315   J F Gaski , J R Nevin . *Journal of marketing research* 1985. 22 (2) p. .

316 [Jin et al. ()] 'The effect of experience quality on perceived value, satisfaction, image and behavioral intention
317   of water park patrons: New versus repeat visitors'. N Jin , S Lee , H Lee . *International Journal of Tourism
318   Research* 2015. 17 (1) p. .

319 [Chu et al. ()] 'The effects of skills and challenges, perceived risk, and flow experience on experience value and
320   satisfaction: a study on adventure recreation in Taiwan'. Wen-Cheng Chu , Cedric Hsi , -Jui Wu , Chen-
321   Hsiung Chou , Yi-Ting Chu , Yi-Chi Chu & Shu-Hui Chang . 10.1504/IJEPEE.2019.099735. *International
322   Journal of Economic Policy in Emerging Economies* 2019. 12 (2) p. .

323 [Harris and Goode ()] 'The four levels of loyalty and the pivotal role of trust: A study of on line service dynamics'.
324   L C Harris , M M H Goode . *Journal of Retailing* 2004. 80 (2) p. .

325 [Wu and Liang ()] 'The relationship between white-water rafting experience formation and customer reaction: a
326   flow theory perspective'. C H Wu , .-J Liang , R.-D . *Tourism management* 2011. 32 (2) p. .

327 [Safko and Brake ()] *The social media bible: Tactics, tools, and strategies for business success*, L Safko , D Brake
328   . 2009. New Jersey: John Wiley.

329 [Howell and Avolio ()] 'Transformational leadership, transactional leadership, locus of control, and support for
330   innovation: Key predictors of consolidated-business-unit performance'. J M Howell , B J Avolio . *Journal of
331   Applied Psychology* 1993. 78 (6) p. .

332 [Reisinger and Mavondo ()] 'Travel anxiety and intentions to travel internationally: Implications of travel risk
333   perception'. Y Reisinger , F Mavondo . *Journal of travel research* 2005. 43 (3) p. .

334 [Chandel and Bansal ()] 'Understanding the relationships of value, satisfaction and behavioural intentions among
335   adventure tourists'. J K Chandel , S P Bansal . *International Journal of Leisure and Tourism Marketing* 2014.
336   4 (2) p. .

337 [Henseler et al. ()] *Using PLS path modeling in new technology research: updated guidelines. Industrial manage-*
338 *ment & data systems*, J Henseler , G Hubona , P A Ray . 2016.

339 [Ewert ()] 'Why People Climb-The Relationship of Participant Motives and Experience Level to Mountaineering'.
340 A Ewert . *Journal of Leisure Research* 1985. 17 (3) p. .