

Besides, this is not to mention India or the African countries where the COVID-19 has not penetrated so deeply yet. This paper focuses on the travel intentions of international tourists after the pandemic while taking perceived risks and stress levels concerning tourist's travel intention into consideration. In the tourism context, Ahn et al. (2013) defined travel intention as the "possibility of traveling to a destination." It threw more light on one's intent to travel or commitment to travel. Jang et al. (2009) said, "An outcome of travel intention is a mental process and transformation between motivations then into behavior." In tourism literature, travel motivation has been an important area of study for years. The need to understand and identify the various needs as to the reasons why people leave their place of residence to a place of unfamiliarity to satisfy their touristic needs and factors influencing the intentions behind their travel is beneficial to tourism planning, marketing and development. This study highlights the influence of risk perception as the determinant factor of travel intention. Some factors such as pandemic play a role to change tourist's risk perception level while they plan to visit a particular travel destination or perform any tourism activities (Fuchs & Reichel, 2011; Hasan et al., 2017). The idea of risk perception stands for the ambiguity or uncertainty of the customers when considering purchasing a new product or service. Risk has been identified as a major concern for international travelers (Reisinger & Mavondo, 2005). George Brooker is among many scholars who proposed the method of classifying the factors or the dimensions of risk perception. It includes social risk, physical risk, psychological risk, performance risk, financial risk, & time risk (Brooker, 1984). Each dimension is predicted to have a significant connection to the intention to travel internationally after the pandemic. To date, the involvement of stress level to forecast intention to travel is commonly found but the use of

such variables to moderate the relationship between risk perception and travel intention in a context of COVID-19 pandemic appears to be a brand-new concept. The researchers believed that the pressures resulting from the quarantine or "stay at home" policy amid the COVID-19 pandemic have elicited the change in people of how they perceive risks for international travel. Thus, this paper generally seeks the answers to these two major questions: (1) to what extent is the influence of risk perception on the intention of potential tourists to travel internationally when the COVID-19 pandemic is over? and (2) what impact does the stress level for being quarantined amid the COVID-19 pandemic have towards the relationship between risk perception and the post-pandemic international travel intention of the potential tourists?

Literature Review

Travel Intention

Travel intention is based on attitude and predilection toward a product or brand (Yeh & Huan, 2014; Chen et al., 2014). According to Wu (2015), tourism behaviors are also determined by coherent and affective conditions. In other words, psychological and functional variables often influence behavior towards a destination, which leads to travel intention. Motivations are possible to identify tourist intentions as widely discussed and accepted in the study of travel motivation (Mohamed & Othman, 2012; Mody et al., 2014; Naidoo et al., 2015). The needs of individuals are the basic ground to understand their motivation to travel. The motivation for travel must be considered when promoting destinations and dividing target markets, because motivation drives people and is thus important when choosing a destination (Sancho & Álvarez, 2010). Referring to Maslow's five-stage theory extended by cognitive and aesthetic needs (Zelenka & Pásková, 2012); it explains the needs between the relationship of travel intentions and the

perceived risks. Level 1: Physiological needs: In tourism, physiological needs are connected to gastronomy and accommodation. In the relationship between the intention to travel and the perceived risks; the health safety needs of the supply side are usually concentrated on the current conditions of the traveler amid the COVID-19 pandemic; such as the health status influenced by the COVID-19, loss of a job, travel advisories policies by the government. These can limit the person in performing routine habits and traditions. Level 2: Safety needs: Tourists' safety, calm, and peace are the main requirements of tourists. Calm and peace are prerequisites on physical and mental nursing. The service industry in a tourist destination is based on the provision of a friendly atmosphere, safety, serenity, and peaceful conditions related to the natural and human surroundings. Level 3 and 4: Social needs: These are the needs of esteem connected with self-confidence or esteem from others. In the case of tourism service and hospitality, uniqueness and hosts' courtesy are needed. Another important point is to possess the kindness to treat the personal risks perceived by travelers amid the COVID-19. Level 5 and 6: High category needs: Cognitive and aesthetic such as knowledge and understanding the lifestyle of the tourist destination, heritage, and traditions. The final stage, Level 7: Self-actualization: In tourism, the level of self-realization is dependent on a particular tourist destination locality, structure, and quality of tourism services.

Risk Perception

In general, Bhasin (2018) defined risk perception as an uncertain, probabilistic potential future outlay. Risk perception can also be explained as the subjective evaluation of the risk of a threatening situation based on its features and severity (Moreira, 2008; Sjöberg et al., 2004). It means that there is a form of ambiguity or uncertainty of the customers when bearing in mind buying a new product

or service. The level of the uncertainty of a consumer depends upon the worth value of the relevant product or service. Regardless of whether such perceived risk does exist or not. Perceived risk is only a one-sided concept. It differs from people to people and varies from time to time. Yazid et al. (2018) said that each tourist may perceive different levels of risk associated with the same outcome. Broadly, risk perception is usually used to describe a concept of people's attitude and intuitive judgment towards risk (Cui et al., 2016). Wulandari et al. (2018) added that perception has a greater influence on travel decision-making than reality. To date, even the concept of perceived risk discussed in the literature, scholars have had difficulties in defining it (Boksberger et al., 2007; Cho et al., 2018). In the economic field, the concept of risk was introduced in the 1920s where a decision-making study was under economic and financial areas (Hashim et al., 2018). Bauer (1960) was the first to identify risk perception in the context of consumer behavior within the marketing discipline (Lenggogeni, 2015). Then, the idea of risk has become a standard inventory of consumer behavior literature (Pike & Ryan, 2004). Consumer behavior research usually defines risk perception in terms of uncertainty and consequences (Campbell & Goodstein, 2001; Hasan et al., 2017). In the tourism context, perceived risk is often observed to get a better understanding of the complexities of choice and decision-making process by potential tourists on purchasing the tourism products and services. The risk is considered as an essential factor that influences tourist's behavior, as tourism is an intangible service that is exposed to potential risks and threats (Hashim et al., 2018). A single harmful incidence can change the perception of risk associated with a destination and decrease tourist arrivals (Chew & Jahari, 2014; Carter, 1998; Khan et al., 2019). The tourists might doubt that the product or service cannot meet

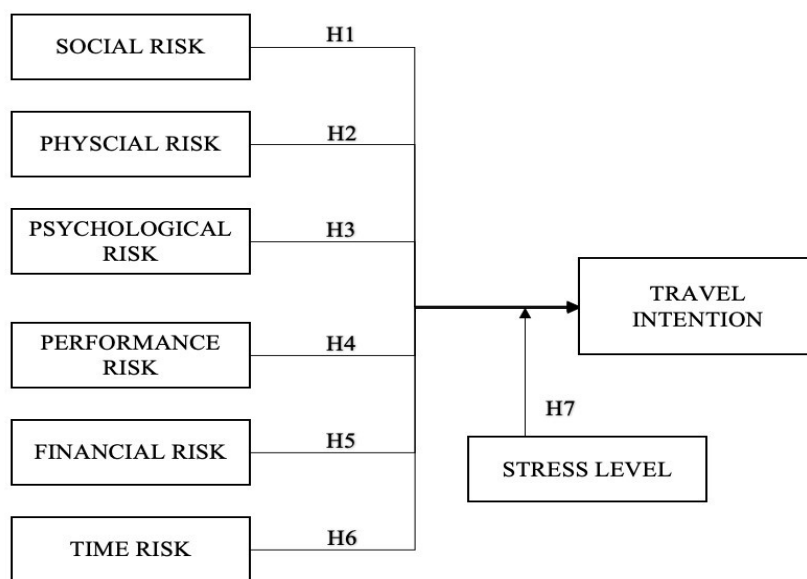
their expectations or that is the collection of factors, which are beyond the control during the consumption process (An & Fu, 2005; Cui et al., 2016).

Throughout the development of perceived risk study, many experts have formed various methods to describe the factors or the dimensions of perceived risk. Moutinho (1987) proposed four factors that determine the level of perceived risks: past behavior, information, personality and level of risk awareness. He emphasized that risk perception plays a certain role in raising the awareness of tourists on the consequences of loss. Meanwhile, Lenggogeni (2015) classified the dimensions into four different sets: time loss, hazard loss, money loss, and ego loss. Then, another study, Kaplan et al. (1974) proposed five dimensions of risk perception including performance, financial, psychological, physical and social. Um et al. (2006) in Hashim et al. (2018) incorporated slightly different classification such as equipment, finance, physical, psychological, satisfaction, social, and time. Chen & Zhang (2016); Hasan et al.

(2017) have also made an exceptional criterion for risk perception; e.g., mass communication risk, this category is yet to be found in other classification methods. Hashim et al. (2018) classified the dimensions of risk perception into functional risk and psychological risk only. The dimensions include crime risk, disease risk, natural disasters, unhygienic, transportation, and culture or language barriers (Hasan et al., 2017). However, Lenggogeni (2015) argued that there is no model, which can be extensively used to investigate individuals' perceived travel risks. Finally, Brooker (1984) combined the time loss dimension of Roselius (1971) and all the five dimensions proposed by Kaplan et al. (1974); it includes social risk, financial risk, physical risk, psychological risk, performance risk and time risk (Lenggogeni, 2015). Concerning the validity and reliability of this study, the researchers prefer to use the selection concept of risk perception proposed by Brooker for the analysis.

Social risk is the risk that the selection of service providers will negatively affect the perception of another individual about the

Figure 1.
Research Model



Source: Authors

purchaser. It refers to the fear associated with the judgment coming from both societies, which are directly and indirectly related to the tourist. Social risk is broadly recognized among many scholars. Hasan et al. (2017) listed the studies where social risk is found to have a notable relationship with decision-making and travel intentions such as Liu & Gao (2008), Li (2010), Casidy & Waymer (2016), etc. Hence, the researchers proposed:

H1: *There is a significant relationship between social risk and post-pandemic travel intention of international tourists.*

Psychological risk is the possibility that selection or performance of the producer will harm the consumer's peace of mind or self-perception (Lenggogeni, 2015). In the tourism field, most studies combined psychological risk and social risk into one category (socio-psychological risk); e.g., Qi et al. (2009). However, many scholars such as Hu (2011), Liu et al. (2013), and Hasan et al. (2017) have also examined psychological risk separately on the relationship with travel intention. Thus, the authors proposed:

H2: *There is a significant relationship between psychological risk and post-pandemic travel intention of international tourists.*

Physical risk stands for the possibility that a trip will lead to physical danger or injury (Cho et al., 2018). Artuğer (2015) discussed physical risk in the context of terrorism and natural disaster in travel and tourism, but there are only fewer studies concerning the threat of disease as physical risk to the intention to travel. Since the COVID-19 outbreak was announced as a global pandemic by the world health organization in February 2020, the idea is clear that the potential tourists would fear contracting the disease while traveling internationally. Hence, this was proposed:

H3: *There is a significant relationship between physical risk and post-pandemic travel intention of international tourists.*

Performance risk is closely related to the satisfaction of the service or product bought. It can be measured in a comprehensive way, such as travel value, environment, landscape, attraction, entertainment, infrastructure, accessibility, and relaxation (Chi & Qu, 2008; Yu & Goulden, 2006; Cho et al., 2018). When the pandemic is over, the DMOs might need to readjust the situation and rebuild the destinations. This will affect the quality of the services and products offered to tourists. Therefore, the authors proposed:

H4: *There is a significant relationship between performance risk and post-pandemic travel intention of international tourists.*

Financial risk is the risk that the service bought will not attain the best possible monetary gain for the consumer. In the travel and tourism context, financial risk involves the fear of losing the money invested in the tourism product or service (Cho et al., 2018). Many scholars have confirmed the impact of financial risks on tourist's behavioral intentions including Artuğer (2015), Wulandari et al. (2018) and Khan et al. (2019). The tourists might not be willing to spend their money on international travel due to the economic uncertainty triggered by the pandemic. Hence, the authors proposed:

H5: *There is a significant relationship between financial risk and post-pandemic travel intention of international tourists.*

Time risk is described as the possibility that the consumer will waste time, lose convenience, or waste effort in getting a service redone (Lenggogeni, 2015). According to the studies on tourism risk dimensions in recent years, time risk is among seven commonly included dimensions (Hasan et al., 2017). In the context of post-pandemic, the potential tourists might be worried that they will have to stay for a longer time in the destinations due to the sudden closure of a country as it happened

earlier to many countries during the COVID-19 outbreak. Thousands of tourists were stuck in foreign countries for a couple of weeks or months. Therefore, the authors proposed:

H6: *There is a significant relationship between time risk and post-pandemic travel intention of international tourists.*

Stress During Quarantine

Quarantine and isolation are commonly used to help strengthen public health by preventing exposure to people who have or may have a contagious disease. Looking back to the SARS outbreak in 2003 and 2014-2015 Ebola outbreak in West Africa, it demonstrated that infectious disease could be contained if the implementation of the timely measures were taken such as early identification of infected people and contact tracing, also timely quarantine and isolation measures. The previous study showed that quarantining was found to be predictive of a high level of depressive symptoms, even three years after the outbreak. An investigation conducted in Toronto among the general populations put under quarantine in Canada during the SARS outbreak showed that a substantial proportion of quarantined persons are distressed, and the evidence showed the proportion that displays symptoms of posttraumatic symptoms disorders (PTSD) and depression.

Among SARS survivors, a study showed that 10-35% reported having anxiety, depression or both at one month after discharge. SARS survivors had higher stress levels during the outbreak and persisted one year later. Instead, in the recent COVID-19 outbreak, a study conducted in China found that more than half of the respondents rated the psychological impact of the outbreak as moderate or severe and one third reported moderate-to-severe anxiety (Wang et al., 2020). To the researchers' knowledge, there are no new findings for the association of quarantine and stress levels during COVID-19 so far. Nevertheless, a

recent study in South Korea suggested that individuals under quarantine could experience boredom, loneliness and anger during the outbreak of COVID-19 (Park & Park, 2020). The psychological impact of quarantine can be long-lasting and substantial.

To date, there is no study concerning the influence of stress level on the relationship of risk perception and post-pandemic travel intention specifically. However, many scholars have discussed the general notion on the change of tourist's decision-making due to trauma, anxiety or stress; e.g., Reisinger & Mavondo (2005) tested the relationships among cultural and psychographic factors, the perception of travel risk and safety, anxiety and intentions to travel and compared the results across Australian and international tourists. Such kinds of literature can be helpful to support a theoretical basis. Hence, the authors propose:

H7: *The stress level during quarantine amid the COVID-19 outbreak significantly affects the relationship between risk perception and post-pandemic travel intention of international tourists.*

This study is expected to provide significant and new insights subjected to the relevant fields. There is enough data and information to enable travel agencies to identify the strongest risk factor influencing international travel intention when the pandemic is over. It will help the travel agency firms to have a vision of defining the strategy and plan for rebuilding their business after the pandemic. Then, it gives an overall thought on where the government should invest in. The theory of reasoned action (Ajzen & Fishbein, 1975; Ajzen & Fishbein, 1980), whereby "behavioral beliefs are suggested to be the underlying influence on an individual's attitude toward performing the behavior, whereas normative beliefs influence the individual's subjective norm about performing the behavior". Therefore, this study aims to examine the relationship

between the dimensions of risk perception (i.e., social risk, psychological risk, physical risk, performance risk, financial risk and time risk) and the post-pandemic international travel intention where the stress level of being quarantined due to the COVID-19 outbreak serves as the moderation variable.

Methods

This research is a quantitative study engaging a purposive sampling method where the researchers collected the data through survey questionnaires, distributed via online and powered by two different digital platforms (Google form & Wenjuanxing). The questionnaire consists of four comprehensible sections: the first section aims to collect basic demographic information of the samples including gender, age, etc. Besides, some information related to the travel characteristics is also included such as travel preference, favorite destination and so on. The second section is concerning the travel intention where all the items are adapted from Chin et al. (2015) and the third section, is relating to the dimensions of risk perception, and to each category proposed by Brooker (1984) is presented. Lastly, section four is deliberately dedicated to identifying respondents' levels of stress due to the quarantine amid the COVID-19 outbreak using the perceived stress scale (PSS). It is one of the widely used tools used to measure psychological stress. PSS aims to measure the "degree of individuals appraising situations in their lives as stressful" (Cohen et al., 1983). To gather a wider range of samples, the questionnaire was available in five different languages (Chinese, English, French, Indonesian and Italian). Those questionnaires were piloted to 150 (30 for each language version) respondents from China, Nigeria, Cameroon, Indonesia, Côte D'Ivoire, Italy, Ghana, Morocco, Tanzania, and the United States. All versions of the questionnaire were successfully tested reliable (Table 1).

Subsequently, the questionnaires were finally distributed online from 14 April 2020 to 27 April 2020. In a total of 470 respondents (from both online platforms) submitted their responses, but only 409 were able to be analyzed.

Table 1.
Reliability Test Results

	Cronbach's Alpha		
	Travel Intention	Risk Perception	Stress Level
Chinese	0.923	0.944	0.776
English	0.821	0.875	0.885
French	0.950	0.896	0.874
Indonesian	0.925	0.935	0.835
Italian	0.772	0.877	0.75

Source: Data Calculation, 2020

SPSS version 21 was selected as the statistical tool for the data analysis. Firstly, descriptive data analysis was used to obtain comprehension and reference by running a clear cut for the data. The general purpose of descriptive analysis is to summarize, communicate basic patterns, and apply for comprehensible conceptualization as well as generalizing sample findings to the population. Secondly, to test the hypotheses, hierarchical multiple regression (HMR) was used to get the information on how the independent variables simultaneously and partially influence the dependent variable. Besides, the test was also used to find the answer to whether stress level during quarantine amid the COVID-19 outbreak does have a moderate impact on the relationship of perceived risks and travel intention or not.

Results

Demographic Information

The demographic information is essential to attain a deeper understanding of the context of the target study. The respondents from Africa & Middle East (39.9%) and Europe (34.8%) are the two most prominent samples where there are more males (51.4%) than females (48.2%).

They are dominated by a group of 18 to 25 years old (46.4%). Gibson & Yiannakis (2002); Qi et al. (2009) found that individuals in their 20s are most likely to have the desire for exploration, adventure, and experimentation. Then, the respondents' education backgrounds are relatively high where postgraduate degrees (42.3%) and undergraduate degree (32.6%) holders were commonly found. The samples mostly described themselves as a student (37.4%) and employees in the private sector (32%). Unfortunately, the respondents are predominantly running into the lowest category of income, i.e. below US\$ 500 per month (50.6%) yet the majority of them still happened to travel abroad once a year (54.9%). Solo traveling (22.5%) and traveling with a partner (22.7%) are the two most favored methods for international travel by the respondents. Lastly, more than half of the respondents selected destinations with natural attraction for traveling abroad when the pandemic is over (53%).

Hypotheses Test

Based on the research objectives, the researchers used the hierarchical multiple regression (HMR) test to examine the influence of risk perception towards international tourists' travel intention with stress level as the moderator. Risk perception items and travel intention were first inserted into Model 1 of the regression analysis. The stress level was also inserted into Model 2.

In Model 1, it reveals that several items of risk perception such as social risk, physical risk, psychological risk and performance risk influence travel intention. The inclusion of stress levels as the moderator variable influences the travel intention as well. Model 1 and 2 had shown an R-value of 0.130 and 0.151, respectively. It also shows that the stress level influences the travel intention by 0.021 increase in R-Square change. Change in R-Square indicates that among all the variables in Model 1, 13% can be explained in travel intention. Instead, the stress level in Model

Table 2.
Respondents' Demographic Information

Levels	Counts	% of Total	Cumulative %
Area of Origin:			
Asia	118	23.9 %	23.9 %
Africa and Middle East	197	39.9 %	63.8 %
Europe	172	34.8 %	98.6 %
North America	4	0.8 %	99.4 %
South America	3	0.6 %	100.0 %
Age:			
18-25 Years	229	46.4 %	46.4 %
26-40 Years	220	44.5 %	90.9 %
Above 40 Years	45	9.1 %	100.0 %
Gender:			
Male	254	51.4 %	51.4 %
Female	239	48.4 %	99.8 %
Non-Binary	1	0.2 %	100.0 %
Occupation:			
Student	185	37.4 %	37.4 %
Government Employee	48	9.7 %	47.2 %
Private Sector	158	32.0 %	79.1 %
Self-Employed	65	13.2 %	92.3 %
Others	38	7.7 %	100.0 %
Education Background:			
High School	82	16.6 %	16.6 %
Bachelor's	179	36.2 %	52.8 %
Postgraduate	209	42.3 %	95.1 %
Others	24	4.9 %	100.0 %
Monthly Income:			
Below US\$ 500	250	50.6 %	50.6 %
US\$ 500-1000	103	20.9 %	71.5 %
Above US\$ 1000	141	28.5 %	100.0 %
Travel Frequency:			
Once a Year	271	54.9 %	54.9 %
2-3 Times A Year	134	27.1 %	82.0 %
> 3 Times A Year	67	13.6 %	95.5 %
None of Above	22	4.5 %	100.0 %
Travel Duration:			
1-3 days	89	18.0 %	18.0 %
4-6 days	219	44.3 %	62.3 %
>7 days	171	34.6 %	97.0 %
None of Above	15	3.0 %	100.0 %
Travel Style:			
Backpacking	71	14.4 %	14.4 %
Casual	266	53.8 %	68.2 %
Pre-Organized	97	19.6 %	87.9 %
Business	44	8.9 %	96.8 %
Others	16	3.2 %	100.0 %
Travel Preference:			
Solo	111	22.5 %	22.5 %
With Friends	63	12.8 %	35.2 %
With Family	108	21.9 %	57.1 %
With Partner	112	22.7 %	79.8 %
In Group	87	17.6 %	97.4 %
Others	13	2.6 %	100.0 %
Favorite Destination:			
Ecotourism	28	5.7 %	5.7 %
Nature	257	52.0 %	57.7 %
History	41	8.3 %	66.0 %
Culture	119	24.1 %	90.1 %
Amusement Park	21	4.3 %	94.3 %
Others	28	5.7 %	100.0 %

Source: Data Calculation, 2020

Table 3.
HMR analysis of independent variables and dependent variable

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics		
					R Square Change	F Change	Sig. F Change
1	.360 ^a	.130	.117	4.651	.130	10.003	.000
2	.389 ^b	.151	.136	4.600	.021	9.957	.002

^a Predictors: social risk, physical risk, psychological risk, performance risk, financial risk, and time risk

^b Predictors: social risk, physical risk, psychological risk, performance risk, financial risk, time risk, and stress level

Source: HMR Analysis, 2020

2 explained 2.1% of travel intention. Furthermore, social risk, physical risk, psychological risk and performance risk in Model 1 and stress level as the moderator in Model 2 has a significant relationship with the travel intention (p -value < 0.05). It is observed that a positive association between independent variables (risk perception and stress level as moderator) and travel intention. No association was found between financial risk and time risk with travel intention (p -value > 0.05). Social risk and psychological risk show a positive association with travel intention. Among all the independent variables, the stress level has the lowest value that one unit increase in the stress level can only increase 0.112 units in travel intention. The highest value found in social risk where one unit increase in social risk results in a 0.366 increase in travel intention. The other risk perception items such as physical risk, psychological risk, financial risk and time risk have a negative association with travel intention (Table 4).

Discussion

The HMR test revealed that risk perception simultaneously plays a significant role to determine the intention of potential tourists for international travel. Qi et al. (2009) described the risk as an important factor when considering that international tourism supports this idea. Several studies have also observed the influence of risk perceptions of tourists on their travel intentions (Desivilya et al., 2015; Reisinger &

Mavondo, 2005; Teitler-Regev et al., 2014; Kim et al., 2019). The relevant studies verified that risk perception is essential to travel decision-making. It allows the tourists to postpone their purchasing decisions or completely abandon them (Artuğer, 2015; Wulandari et al., 2018; Kozak et al., 2007; Yazid et al., 2018). Therefore, the significant relationships between perceived risk and intention to travel internationally found in this study are in line with the kinds of literature arguing that the more risk associated with a destination, the less likely an individual will choose to visit (Lee et al., 2012; Sridhar et al., 2016; Yang et al., 2020).

Previous studies had discovered that multiple risk dimensions mainly refer to negative consequences that may occur during travel (Cetinsoz & Ege, 2013; Cui et al., 2016). Each risk dimension causes an expectation of a probable loss and negatively influences an individual's attitude towards a behavior (Horvat & Došen, 2013; Hasan et al., 2017). Hence, this study discovered that social risk, physical risk, psychological risk and performance risk, partially demonstrate significant relationships with travel intention. This idea leads to the acceptance of hypotheses one, two, three and four. However, the relationships of the dimensions of risk perception sometimes are inconsistent with the intention to visit a destination such as in Khan et al. (2019). The researchers also found that financial risk and time risk had no significant influence towards

Table 4.
Coefficient table of independent variables and dependent variable

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	
	B	Std. Error	Beta			
1	(Constant)	18.753	1.300		14.431	.000
	Social Risk	.382	.099	.206	3.840	.000
	Physical Risk	-.537	.119	-.286	-4.522	.000
	Psychological Risk	-.264	.096	-.187	-2.758	.006
	Performance Risk	.228	.090	.149	2.535	.012
	Financial Risk	-.023	.069	-.018	-.336	.737
	Time Risk	.002	.102	.001	.019	.985
2	(Constant)	16.696	1.441		11.585	.000
	Social Risk	.366	.098	.197	3.715	.000
	Physical Risk	-.536	.118	-.286	-4.559	.000
	Psychological Risk	-.262	.095	-.186	-2.777	.006
	Performance Risk	.241	.089	.158	2.711	.007
	Financial Risk	-.023	.068	-.018	-.335	.738
	Time Risk	-.056	.102	-.030	-.543	.587
	Stress Level	.112	.035	.148	3.156	.002

^aDependent Variable: Travel Intention

Source: HMR Analysis, 2020

the respondents’ intentions for post-pandemic international travel. The respondents who perceived lower levels on these two dimensions are likely to travel internationally when the pandemic is over. Then, hypotheses five and six are rejected.

The stress level for being quarantined amid the COVID-19 outbreak serves as the mediator variable between the independent variables and the dependent variable. The mediator variable specifies how or why a particular effect or relationship occurs (Yazid et al., 2018). The results of the HMR test showed that there is an association of stress levels between risk perception and post-pandemic international travel intention. Consequently, the researchers accepted hypothesis seven. While stress level significantly influences travel intention, yet the value is extremely low. It is the lowest value in that one unit increase in the stress level can only increase to 0.112 units in travel intention. In Table 2, it is observed that among all independent variables, social risk has the highest increase in travel intention (0.366). This shows that the association of social risk and stress level

is affecting the potential tourists to make the decision for post-pandemic international travel. It means that the fear or anxiety for being judged by their friends and families as well as the local community of visited destinations may hold or even stop them to travel internationally when the pandemic is over.

Following the lead in the literature, the socio-economic status needs of Maslow’s need theory (Maslow, 1943), this type of needs are the needs which refer to forming relationships with people to create a sense of social belonging and confirm their ability to develop healthy relationships. At this level, people travel to impress friends, relatives, social groups and other people to gain a higher social status. Nevertheless, a valid correlation between the intention to travel internationally and the high value of social risk perception was found in this study. This paper explains that potential international travelers are mostly concerned about the judgments and fear of stigmatization from their social community when they travel internationally after the pandemic. The resulting repercussions on individual and

travel where stress level during quarantine is associated as the moderating variable. The destination marketing organizations (DMOs) should, therefore, prioritize its public relations especially with its host communities to educate the public to avoid stigmatization of people coming from a particular part of the world who have been highly affected by the COVID-19 pandemic. Many other strategies could be developed to appeal to social risk perception such as individual traveling, solitary or isolated destinations, traveling in close groups, traveling shorter distances, traveling to destinations with lower border-entry hurdles, promoting shorter stays at familiar and closer-to-home destinations.

While several kinds of literature reported that, the tourism industry is sensitive and has heavily been affected by the COVID-19. Previous studies also found that the tourism sector could survive in a bad economic situation. The results of this study have proven that there is hope for the industry. The tourism industry and its supporting industries will revive and amass their economic losses in time because tourists are still willing to spend to travel.

If the tourism industry is going to be prosperous, then tourism researchers must make efforts to increase the industry's understanding of risk perception. This paper also serves as a recommendation for investors, tour operators, governments in designing its tourism products and services in the context of post-pandemic and the risks perceived by the potential tourists, respectively. Without understanding the intervening effects of one factor on another in the travel decision-making and behavior of individuals, general marketing strategies used by the destinations will be less fruitful in attracting potential travelers.

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