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Impact on Psychological Capital and Adaptive Performance During Pandemic: A Study of Malaysia Young Professionals in Malaysia Service Sectors Context

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Abstract

Adaptive Performance Behaviour, the focus of this study, has received much attention as new workplace demands require flexible employees who are tolerant of uncertainties and can successfully perform in dynamic, competitive environments. This study examines the significance of psychological capital on adaptive performance behaviour in the context of young professionals in the Malaysian service sector. PsyCap has continually been a critical factor for optimum organization performance. This study was conducted to determine whether the same elements that impacted PsyCap were still relevant during the pandemic. With the majority of employees being requested to work from home, it is important to determine what factors still affected PsyCap. The study was conducted among young professionals in Malaysia Service Sectors. A total of 173 respondents responded to the questionnaire and data was analysed using PLS. Interestingly, hope was found statistically not a significant factor affecting adaptive performance behaviour.

Introduction

Performance is the behaviour of employees that be able to be observed in their jobs in relevance to the goals of the organization (Tyler et al., 2017). In the organizational context, performance is the most crucial concept and it could be measured through four components, namely, task, interpersonal, dedicative, and adaptive performance behaviour (Wang et al., 2018). The focus of this study is on adaptive performance behaviour as it reflects the need to clearly focus on employees' adaptability to the changes in work environment (Abukhait et al., 2019). Currently at the global level there is volatility, uncertainty, complexity and ambiguity, where technology and strategies are changing rapidly (Giones et al., 2019). At the individual stage, adaptive performance behaviour can simplify encouraging consequences such as enhanced performance capability and career success (Supriyadi et al., 2020). This would lead to organizational outcomes such as organizational learning and coping with changing customer expectations (Kasim et al., 2018).

Existing studies ((Alessandri et al., 2018; Choi et al., 2019; Tüzün et al., 2018), believes that there is a strong correlation between Psychological Capital (Psycap) and job performance of

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employees in organization. Moreover, the constant evolving of socioeconomic and technological environment highlighted the need for organizations to constantly adapt. Organizational change transforms the organization from a recent situation to another situation in the efforts to achieve greater effectiveness. PsyCap represents a positive psychological state where hope, optimism, self-efficacy, and resilience are designed to improve individual and organizational performance (Georgiou et al., 2019).

The concept of PsyCap is established to be a management concept that provides to individual achievement of high level of performance within an organization. The PsyCap concept is a product of growing interests in the studies of organizational behavior based on positive psychology (Tang et al., 2019), which consist of positive elements of hope, optimism, self-efficacy, and resilience which acts as motivational factors.

According to Pandey et al (2020), employees with high PsyCap portray high confidence and belief in their ability; hence, they will engage themselves completely into their work, which can support them to satisfy situational requirements which includes internal and external changes. Conversely, all employees have a certain level of PsyCap which helps them to perform at a certain level. In other words, higher PsyCap leads to higher performance (Anglin et al., 2018).

Adaptive performance behaviour is extremely relevant in firms where the business models and management are volatile due to technological or market evolution and environmental changes. In fact, Antilla (2019), defines the term 'organisational change' as the beginning of new work practices and technologies alongside restructuring and reorganisation arising in the workplace particularly when the world has experienced multiple changes throughout the last 50 years (Toffler, 2008). Toffler also added that majority of these changes are rooted in the industrial-based and knowledge-based economies. Along with these new changes, new challenges, and threats such as global-terrorism, strains on the financial system and threats from several pandemics (the latest being, COVID-19) exist.

Literature Review

The term "employee performance" refers to results in the sense of work achievement of exerted efforts under requisite of the job (Pradhan & Jena, 2017). Performance evaluation is often the focus when the discussion of performance management is at play. However, the whole process of performance management develops onto more complex structures such as organizational policies, practices, and design features that are interdependently creating employees with good performance scores (Turner, 2020). Trofimova (2018), pointed out that the factors suggested by research of adaptive performance behaviour can be easily integrated as subfactors into an eight-component taxonomy, forming a hierarchical description of the latent structure of performance adaptive behaviour. Park & Park (2019)has also stated that an important adaptive performance behaviour component for individuals adapt to new conditions or job requirements.

Adaptive Performance Behaviour for Job-Relevant Changes Due to the multi-faceted nature of the construct of performance, it has been recommended that studies address dimensions identified by (Reijseger et al., 2016) one of which is adaptive performance behaviour. Adaptive performance behaviour is a subset of 'work role performance' that revolves around preserving or enhancing performance in times of experiencing or anticipating job-relevant

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changes through reaching and revising job-relevant knowledge, skills and strategies (Carpini et al., 2017)). Yusof et al., (2018), defined adaptive performance behaviour as behaviour that describes the capability of the individual to adapt to change and transfer learning from one task to another within the change paradigm. Change is the only continual and an ever-present reality in modern organizations where adaptation is vital (Gil-Garcia et al., 2019).

Various forces within the era of globalisation have contributed to the pressure that calls for adaptive change from the organizations and their employees. The most impactful contributor to this pressure is undeniably technological change, as might be seen from the dependency upon computers in almost every current working environment. This dependence demonstrates a significant requirement of adaptive behaviour particularly from a generation growing up without the presence of computers.

Over the years, there has been a number of pandemics faced by countries throughout the globe and the most current pandemic faced on a global scale would be COVID-19 (Abodunrin & Oloye, 2020). The on-going pandemic has forced millions to confine themselves in their homes and restrict general movement in public localities. A massive number of businesses are forced to close, and many individuals are not able to work remotely due to the natures of their jobs (Brynjolfsson et al., 2019). Advantages of Adaptive Performance Behaviour Fifteen years of research has led to unanimity with regards to the core of adaptive performance behaviour which is coping with change at all levels (individual, team and organizational). Despite the unanimity in the definition of the construct, the conceptualization and quantification (measurement methods), still remain an unresolved issue (Stasielowicz, 2019).

The amount of period spent at work has come to a point that an individual's work- life has considerably affected their personal well-being. PsyCap theory presented by Luthans has provided a pleasant perspective in analysing employees' career success (K. W. Luthans et al., 2019). In a study by Nguyen & Ngo (2020) PsyCap was found to have an incremental impact on job satisfaction and organizational commitment in contrast to human and social capital. Psychological capital (PsyCap) is portrayed as a positive psychological state of development (Luthans et al., 2019). Conceptualised as a higher-order construct, PsyCap represents the collective variance of four constructs: hope, efficacy, resilience, and (Luthans et al., 2019).

PsyCap is more complex compared to human and social capital despite the latter being much more widely accepted and well-researched. PsyCap gains competitive advantage through progress or investment of present and future in terms of positive development (Alessandri et al., 2018). Furthermore, PsyCap provides benefits on both individual and organizational scale. On an individual scale, PsyCap could speed up growth while on an organizational scale, it could provide nourished competitive advantage, leverage, and return on investments through improved performance. The latter shows similar pattern to human and social capital (Luthans et al., 2019).

The development of service industry though changes are taking place in all sectors of the economy, the services industry has demonstrated itself to be one of the main economic builders in today's competitive and dynamic environment (Carrese, 2020). Urbanization,

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privatization and increasing demand for intermediate and final consumer service has managed to the growth of the service industry. Due to this, the services industry has evolved to be one of the main key drivers for the development of the global economy. From the Asian perspective, the advancement of the service sector of the economy is seen to be a product of digitalization and the growth of new technology. The integration between the two is deemed to be the key to the success of ASEAN from the economic standpoint. With accessibility of services and response time being the most important factors driving sales, especially in the service industry, many businesses are progressively dependent on young professionals to define best practices in service management technology and customer experience (Fisk et al., 2018). The young professionals have been deemed to be most flexible, highly professional and more IT savvy compared to professionals from other generations (Khodakarami & Dirani, 2020).

The maturation and integration of the young professionals into the workforce has seen huge changes in how businesses operate, and the young professionals are adapting the traditional approaches and drivers of engagement to the new technological realities of the 21st century. In addition to that, the contributions of young employees are important, so vital that these young professionals will become the drivers of the industry, namely service industry, in the years to come (Bombiak & Marciniuk-Kluska, 2019)

Methodology

This study was conducted towards young professionals within the service industry in Malaysia. For this study, researcher used G * Power which provides effect size calculators and graphics options. Although G. Power estimated 85 samples for detecting a small moderation effect, a total of 300 questionnaires were distributed to 300 respondents. Only 189 responses were obtained, out of which 173 were usable.

As the sampling frame will refer the population as all the young professionals within the service industry in Malaysia, which was forecasted to reach a total of 9.3 million in 2020 (Department of Statistics, 2017). Enumerators will be appointed during the study and the questionnaires will be distributed through google form. To this study, the questionnaire is divided into 3 sections. Section A is designed to gather information on demographics and personal information. Among the items, that were included are the length of service, level of position, location. Section B contained 23 items on PsyCap. Items on the four dimensions namely, self-efficacy, hope, resilience, optimism was adapted and adopted from measurement developed by (Luthans & Peterson, 2002). Section C consisting of 8 items measure adaptive performance and are adopted from Griffin & Hesketh (2006). There are eight elements of adaptive performance namely handling emergencies or crisis, handling work stress, solving problem creatively, dealing with uncertain work situation, learning work and procedures, demonstrating interpersonal tasks, technologies, adaptability, demonstrating cultural adaptability, demonstrating physically oriented adaptability.

Results and Discussions

To test the validity, reliability and to hypotheses developed we used SmartPLS 3.3.3, a secondgeneration structural equation modelling software which is a robust tool to test simultaneously.

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Measurement Model

As shown in Table 1, the average variance extracted (AVE) were all above 0.5, composite reliability (CR) was all above 0.7 thus the convergent validity and reliability of our measures were confirmed. To test the discriminant validity, we used the HTMT ratio whereby suggested that if the HTMT ratios are lower than 0.90 then there is no problem of discriminant validity. As shown in Table 2, the HTMT ratios are all lower than the 0.90 criterion as such we can conclude that our measures are distinct.

Latent	ltem	Outer	Composite	Average variance			
Variable	item	Loading	Reliability	extracted			
АРВ	AP1	0.149					
	AP2	0.152					
	AP3	0.160					
	AP4	0.151	0.936	0.645			
	AP5	0.148	0.930				
	AP6	0.157					
	AP7	0.157					
	AP8	0.170					
	SE1	0.225					
Self-Efficacy	SE2	0.202					
	SE3	0.231	0.916	0.646			
	SE4	0.201	0.910				
	SE5	0.162					
	SE6	0.221					
	H1	0.209					
	H2	0.212		0.643			
Hono	H3	0.194	0.915				
Норе	H4	0.181	0.915				
	H5	0.222					
	H6	0.227					
	01	0.222					
	02	0.260					
Optimism	03	0.292	0.899	0.642			
	04	0.214					
	05	0.255					
	R1	0.213		0.604			
	R2	0.218					
Resilience	R3	0.192	0.001				
	R4	0.213	0.901				
	R5	0.226					
	R6	0.224					

TABLE 1. Measurement Model

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	APB	EE	Норе	Optimism	Resilience	Self- Efficacy
АРВ				_		
Норе	0.832	0.827				
Optimism	0.885	0.838	0.873			_
Resilience	0.888	0.771	0.818	0.861		
Self-Efficacy	0.841	0.703	0.840	0.748	0.847	

TABLE 2: Discriminant Validity (HTMT Ratio).

TABLE 3. Hypothesis Testing

Hypothesis		Std Beta	Std Error	t- value	p- value	BCI LL	BCI UL	f2
H1	Self-Efficacy -> APB	0.249	0.071	3.537	p<0.0 1	0.141	0.375	0.098
H2	Hope -> APB	0.023	0.073	0.314	0.377	-0.091	0.145	0.001
Н3	Resilience -> APB	0.242	0.074	3.272	0.001	0.123	0.368	0.085
H4	Optimism -> APB	0.268	0.064	4.208	p<0.0 1	0.166	0.375	0.097

Variable	R2	Q2
Adaptive Performance Behavior	0.780	0.480

Structural Model

To assess the hypotheses generated we ran a bias corrected bootstrapping with a resample of 5,000 [21]. The $R^2 = 0.780$ ($Q^2 = 0.480$) which shows that 78.0% of the variance in Employee Engagement can be explained by the modelled variables.

To assess the hypotheses generated we ran a bias corrected bootstrapping with a resample of 5,000 showed that Self- Efficacy (β =0.249; t=3.537; p<0.001) with Adaptive Performance Behaviour (APB), Hope (β =0.022; t=0.314; p>0.001) with Adaptive Performance Behaviour (APB), Resilience (β =0.242; t=3.272; p<0.001) with Adaptive Performance Behaviour (APB), and Optimism (β =0.268; t=4.208; p<0.001) with Adaptive Performance Behaviour (APB) were statistically significant for H1, H3 H4, and for H2 were not supported.

Future Research

Future research would consider testing self-efficacy as mediator which might influences individuals' adaptive performance. Self-concept based motivational approach to explain the mediation of the relationship between self-efficacy and individuals' adaptive performance which could positively correlated with self-motivation. Self-motivation of followers would satisfy the psychological needs for personal motives and interpersonal connection. Study identified a variable through which self-efficacy could have an impact on adaptive performance mediate the effect of self-efficacy on performance.

Conclusions

In conclusion, it is crucial for service sector to understand and be aware of the significance of

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PsyCap, such as self-efficacy, optimism, and resilience, to enhance their adaptive performance. Hence it is relevant that both managers and employees of service sector keep themselves informed on their vision, mission, and objective to ensure the organizational will achieve their target, plan, and achieve greater business performance. This study serves as a testimony to that and stands as a reminder that the organizations should adopt innovative and creative employee engagement practices during this tough time of pandemic COVID19 to keep employees motivated, stimulated, committed, satisfied, and blissful in this tough time.

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