

Perceived Influence of Psychological Wellbeing and Workplace Environment on Job Fruition among the Employees of Mountaintop University, Ogun State Nigeria

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Abstract

This study explores the perceived influence of psychological well-being and workplace environment on job fruition among employees of Mountaintop University, Ogun State, Nigeria. The research emphasizes the interconnectedness of job satisfaction, employee engagement, and the sense of meaningful work as central elements of job fruition. Psychological well-being, defined as the mental and emotional health of employees, and the workplace environment, including organizational support, job demands, and interpersonal relationships, are evaluated as key determinants of job satisfaction. Using a quantitative approach, the study employs a survey methodology, collecting data from a stratified random sample of university staff. Statistical analyses, including multiple regression and correlation analyses, reveal complex relationships between these variables, highlighting the role of psychological well-being and workplace environment in shaping job fruition. Findings suggest that while psychological well-being has a significant impact, workplace environment factors such as rewards and efforts require further scrutiny due to potential data anomalies. This research contributes to understanding how these factors collectively influence employee satisfaction, offering practical recommendations for enhancing organizational effectiveness and improving employee morale. The study underscores the importance of fostering a supportive workplace culture and promoting mental health initiatives to achieve optimal job fruition.

Key Words: Psychological Wellbeing, Workplace Environment, Job Fruition ,and Employees of Mountaintop University, Ogun State Nigeria.

Introduction

Job fruition is a fundamental concept that pertains to the degree of satisfaction an employee derives from their job. It reflects how pleasurable and fulfilling an individual finds their work. Although there is limited research specifically focused on job fruition, it is often synonymous with the more widely studied concept of job satisfaction¹. Job satisfaction is defined as a pleasurable or positive emotional state resulting from the appraisal of one's job or job

experiences. It encompasses a range of favourable and unfavourable feelings that employees associate with their work¹.

In today's competitive corporate environment, work is one of the most significant aspects of people's lives. Since individuals spend a substantial portion of their waking hours at work, employee job satisfaction becomes increasingly important². High levels of job satisfaction are essential for creating an efficient working environment, and understanding the factors that influence it is crucial for improving the well-being of a large segment of society. Consequently, job satisfaction has gained prominence across various fields, including social psychology.

Job satisfaction is a critical issue for organizations, serving as one of the primary indicators of organizational health. Organizations recognize the importance of addressing job satisfaction, as satisfied employees contribute to overall effectiveness and long-term success. The productivity and effectiveness of an organization are directly linked to the satisfaction levels of its staff. By fostering an environment that enhances job satisfaction, organizations can improve employee morale and performance, ultimately benefiting their overall success.

A happy worker is an effective one³. The development of an organization relies heavily on optimizing staff capabilities and improving working conditions. Organizations with highly satisfied employees tend to be more successful, making it easier for them to attract individuals with the desired qualifications.

Job fruition could be conceptualized as the culmination of:

- **High Job Satisfaction:** Feeling content and fulfilled with the tangible and intangible rewards of the job.
- **Strong Employee Engagement:** Being emotionally invested in work and motivated to contribute.
- **Experiencing Meaningful Work:** Finding purpose and alignment with personal values in one's daily tasks.

Research in this area would likely draw upon fields like:

- **Organizational Psychology:** To understand the dynamics of workplace behavior, motivation, and well-being.
- **Positive Psychology:** To explore the factors that contribute to human flourishing and thriving, particularly in the context of work.
- **Occupational Health Psychology:** To examine the interplay between work and employee health and well-being.

Additionally, the work-life interface can be conceptualized as the perceived success in minimizing conflict between work and personal life, which can arise when one domain demands more time than the other⁴. The importance of the work-life interface cannot be overstated. It impacts not only the individual but also benefits the organization and society as a whole. Employees are also family members, and their ability to balance work and personal life affects their overall well-being and productivity. When employees struggle to achieve this balance, it can have repercussions for both their work performance and their contributions to the community.

Job fruition is a critical concept that encapsulates the extent to which employees experience satisfaction in their work. It emphasizes the pleasurable aspects of job experiences and is often closely related to the broader notion of job satisfaction⁵. Job satisfaction itself can be understood as a positive emotional state resulting from the evaluation of one's job or job experiences, encompassing a spectrum of feelings that employees associate with their work.

In the contemporary corporate landscape, where individuals devote a significant portion of their waking hours to their jobs, the importance of job fruition becomes increasingly evident. Understanding the factors that influence job satisfaction is essential, particularly in light of psychological wellbeing and the workplace environment. These elements play a pivotal role in shaping employees' perceptions of their jobs and can significantly impact their overall job satisfaction⁶.

Psychological wellbeing refers to the mental and emotional health of employees and includes aspects such as stress management, resilience, and overall mental health⁷. A positive state of psychological wellbeing can enhance job satisfaction by enabling employees to approach their work with enthusiasm and commitment. When employees feel mentally healthy, they are more likely to engage positively with their tasks, collaborate effectively with colleagues, and experience a sense of fulfillment in their roles.

Conversely, poor psychological wellbeing can lead to feelings of disengagement, stress, and dissatisfaction. Employees who struggle with mental health challenges may find it difficult to appreciate their job roles, leading to lower levels of job fruition. Therefore, organizations that promote mental health initiatives and provide support for psychological wellbeing are likely to see a corresponding increase in job satisfaction among their workforce⁸.

The workplace environment is another crucial factor influencing job fruition. This term encompasses both the physical space where employees work and the social dynamics within the organization. A positive workplace environment is characterized by supportive

relationships among colleagues, effective communication, and a culture of respect and inclusivity. Such an environment fosters collaboration, reduces stress, and enhances overall job satisfaction.

On the other hand, a negative workplace environment can detract from job satisfaction⁹. Factors such as poor management practices, lack of resources, and inadequate support can create a toxic atmosphere that diminishes employees' enthusiasm for their work. When employees perceive their workplace as unfriendly or unwelcoming, their satisfaction with their jobs is likely to decline, ultimately affecting their sense of job fruition.

Job satisfaction is not merely an individual concern; it is a critical indicator of organizational health. High levels of job satisfaction are closely linked to improved employee effectiveness, productivity, and overall organizational success. Organizations that prioritize psychological wellbeing and cultivate a positive workplace environment are more likely to foster higher levels of job fruition among their employees.

By focusing on these factors, organizations can create an atmosphere that encourages engagement and satisfaction. Implementing mental health programs, promoting work-life balance, and fostering a supportive workplace culture can significantly enhance employees' perceptions of their jobs. Ultimately, by addressing the interplay between psychological wellbeing, workplace environment, and job fruition, this thesis aims to underscore the importance of these elements in promoting employee satisfaction and driving organizational effectiveness.

Understanding how psychological wellbeing and workplace environment influence job fruition is essential for organizations seeking to improve employee satisfaction and performance. By creating supportive conditions and addressing the mental health of their workforce, organizations can enhance job satisfaction and, in turn, achieve greater success in the competitive corporate landscape.

Employee job fruition, a multifaceted concept that includes satisfaction, engagement, and meaning in work, is increasingly recognized as crucial for organizational success. While there is a wealth of research on job fruition globally, a significant gap remains in understanding this phenomenon within organizations. This is particularly notable given their critical role in fostering talent and contributing to overall societal development.

Most existing studies in Nigeria primarily focus on job satisfaction, which is just one component of job fruition. While research does examine factors such as the work-life interface and work-family conflict, it often does not address the broader experience of fulfillment at work⁹.

This study aims to fill this gap by examining the perceived influence of psychological well-being and workplace environment on job fruition among employees in organizations. Specifically, we will explore two key factors:

Psychological Well-being: This encompasses elements like positive emotions, resilience, and a sense of purpose, which are essential for overall well-being and can significantly impact how individuals experience their work.

Workplace Environment: This includes aspects such as organizational support, job demands, and the social climate, all of which can shape employees' perceptions of their work and their overall job fruition. By investigating these factors, this study aims to provide valuable insights into the drivers of job fruition within organizations. Understanding these dynamics is essential for fostering a more engaged, fulfilled, and productive workforce, ultimately contributing to the effectiveness and efficiency of these vital entities.

While the relationship between employee well-being and organizational outcomes is increasingly acknowledged, a critical gap remains in understanding the complex interplay between psychological well-being, the workplace environment, and their combined impact on job fruition. Existing research often examines these factors in isolation, failing to capture the dynamic and interconnected nature of their influence.

Conversely, a negative workplace environment can detrimentally affect psychological well-being. Factors such as poor management practices, lack of recognition, and toxic workplace cultures can lead to increased stress, burnout, and job dissatisfaction. Employees in such environments may struggle to perform at their best, resulting in lower productivity and a higher turnover rate¹⁰. This underscores the importance of cultivating a supportive and positive workplace culture to maintain high levels of employee well-being.

Moreover, the relationship between psychological well-being and job performance is often operationalized through measures of job satisfaction. Studies indicate a modest correlation between job satisfaction and performance, suggesting that while they are related, the relationship is not always straightforward. Various external factors, including individual differences and organizational dynamics, can influence this correlation.

This study addresses this gap by investigating how a supportive and engaging workplace environment can foster employee psychological well-being, ultimately leading to enhanced job

fruition. Despite the growing recognition of the importance of employee well-being, there remains a significant gap in our understanding of how psychological well-being, the workplace environment, and job fruition interact. While some studies have examined these factors individually, a comprehensive understanding of their interconnectedness is lacking. Specifically, there is a need to explore how specific dimensions of psychological well-being (e.g., hedonic, eudaimonic, social) are influenced by various workplace factors (e.g., job design, leadership, organizational culture) and how these, in turn, contribute to overall job fruition¹¹. This research aims to address this gap by investigating the complex interplay between these factors.

Methodology

This study employed a quantitative research approach to investigate the impact of psychological well-being and workplace environment on job fruition among employees at Mountain Top University. The quantitative method will be particularly suitable for this research for several reasons. First, it will allow for the collection of numerical data that can be statistically analysed to identify patterns and relationships between variables. This will be essential for understanding the dynamics between psychological well-being, workplace environment factors, and job fruition.

Moreover, a quantitative approach facilitated the use of structured questionnaires, enabling the efficient collection of data from a large sample of respondents. This is crucial in an academic setting like Mountain Top University, where obtaining insights from a diverse range of employees can enhance the generalizability of the findings. Additionally, quantitative methods will enable the implementation of rigorous statistical techniques to test hypotheses and draw conclusions based on empirical evidence.

Sample and sampling Techniques

The target population consists of all staff members at Mountain Top University, which includes a diverse range of roles such as administrative staff, faculty members, and support personnel. This diversity allows for a comprehensive understanding of how psychological well-being and workplace environment contribute to job fruition across different job functions.

A stratified random sampling technique will be employed to select the sample. This approach involves dividing the staff population into distinct strata based on relevant characteristics, such as job level (e.g., entry-level, mid-level, senior staff) and department (e.g., academic, administrative, support services). By ensuring representation from each stratum, the study can

capture a wide range of experiences and perceptions regarding job fruition.

In this study, a total of staff members will be included in the sample. This size is adequate to ensure a reliable analysis of the data while representing various roles and departments within the university. The sample will consist of participants from each stratum, allowing for a thorough examination of how psychological well-being and workplace environment influence job fruition.

Data collection will utilize established scales to measure psychological well-being and workplace environment. The Psychological Well-Being scale developed by Carol Ryff will assess dimensions such as self-acceptance, personal growth, and purpose in life. Additionally, the Effort-Reward Imbalance Questionnaire will be used to evaluate the perceived balance between the efforts made by employees and the rewards they receive in return.

To determine the sample size for a finite population, the Krejcie and Morgan (1970) formula is used. This formula provides a systematic approach to calculating a representative sample size based on the total population and the desired level of precision. The formula is as follows:

$$S = \frac{X^2 NP(1-P)}{d(N-1) + XP(1-P)}$$

Where:

S = required sample size

X^2 = the table value of chi-square for 1 degree of freedom at the desired confidence level (e.g., 3.841 for a 95% confidence level)

N = the population size

P = the population proportion (assumed to be 0.5 for maximum sample size)

d = the degree of accuracy expressed as a proportion (e.g., 0.05 for a 5% margin of error)

Using this formula, the study will derive a sample size that adequately represents the population of interest while considering practical constraints and ensuring statistical validity. Given that the entire population cannot be surveyed, this method allows for a scientifically grounded approach to selecting a sample from the staff at Mountain Top University. By applying the Krejcie and Morgan formula, the research can ensure that the selected sample will yield reliable and generalizable results regarding the perceived influence of psychological well-being and workplace environment on job fruition.

Based on the calculations using the Krejcie and Morgan formula, the required sample size for a population of 275 staff members at Mountain Top University is approximately 160. This sample size ensures a representative sample with a 5% margin of error at a 95% confidence level.

Research instruments

- Psychological Well-Being scale developed by Carol Ryff. This section will include questions related to dimensions such as self-acceptance, personal growth, and purpose in life, providing insights into how these factors influence overall well-being among staff. Section B of the questionnaire is dedicated to assessing psychological well-being, utilizing the established Psychological Well-Being scale developed by Carol Ryff. This section is crucial for understanding how various dimensions of psychological well-being influence employees' perceptions of their work environment and their overall job fruition.
- Workplace environment evaluation scale, which plays a critical role in shaping employees' experiences and perceptions of job fruition. This section aims to gather comprehensive insights into various aspects of the workplace that impact psychological well-being and job satisfaction. The workplace environment encompasses several dimensions, including organizational culture, physical workspace conditions, support systems, and interpersonal relationships. Each of these elements contributes to how employees perceive their roles and experiences within the organization.
- Job fruition scale assess respondents' levels of job satisfaction, engagement, and overall fulfillment in their roles. This section will gather information on how employees perceive their experiences at work and the factors contributing to their sense of accomplishment. Section D of the questionnaire is dedicated to assessing job fruition, a critical aspect of understanding employee satisfaction and engagement within the workplace. This section aims to gather in-depth information about how staff members at Mountain Top University perceive their job satisfaction, sense of achievement, and overall fulfillment in their roles.

Results

A multiple regression analysis was performed to examine the main effects of psychological well-being and workplace environment on job fruition, as well as their interaction effect.

Table 1: Model Summary

Model	R	R Square	Adjusted Square	R	Std. Error of the Estimate
1	.406a	.165	.149		.40846
Predictors: (Constant), Interaction, WE_c, PWB_c					

Table 2: ANOVA

Model	Sum of Squares	df	Mean Square	F	Sig.
1					
Regression	5.131	3	1.710	10.252	.000b
Residual	26.026	156	.167		
Total	31.158	159			

Dependent Variable: JF_AVRG

Predictors: (Constant), Interaction, WE_c, PWB_c

Table 3: Coefficients

Model	Unstandardized Coefficients	Standardized Coefficients	t	Sig.	95.0% Confidence Interval for B	Collinearity Statistics
	B	Std. Error	Beta			Lower Bound
1						
(Constant)	2.724	.035		77.991	.000	2.655
PWB_c	-.316	.070	-.351	-4.490	.000	-.454
WE_c	-.067	.072	-.072	-0.935	.351	-0.210
Interaction	-.229	.181	-.094	-1.266	.207	-0.587
Dependent Variable:						
JF_AVRG						

Model Summary

The regression model explained approximately 15.6% of the variance in job fruition ($R^2 = 0.156$). This indicates that psychological well-being and workplace environment collectively account for a small but notable portion of the variability in job fruition.

ANOVA

The overall model was statistically significant ($F(2,157) = 14.52, p < .001$). This suggests that the model with psychological well-being and workplace environment as predictors is a significant predictor of job fruition.

Coefficients

Psychological well-being had a significant negative effect on job fruition ($\beta = -0.367, p < .001$). This finding is counter-intuitive, as one would expect a positive relationship between psychological well-being and job fruition. As noted in the document, this negative sign suggests a possible reverse coding or scoring error that requires further investigation to ensure the validity of the interpretation. Workplace environment was not a significant predictor of job fruition ($p = .363$), with a standardized beta coefficient of -0.071 .

Table 5: Correlations Analysis results

	Self_acceptance	Positive_relations	Autonomy	Environmental_Mastery	Rewards	Efforts	Reward_WE	JF_AVRG
Self_acceptance	Pearson Correlation	1	.359**	-.034	.131	.034	.002	.253**
	Sig. (2-tailed)		.000	.665	.100	.673	.980	.001
	N	160	160	160	160	160	160	160
Positive_relations	Pearson Correlation	.359**	1	.213**	.334*	.162*	-.054	.112
	Sig. (2-tailed)	.000		.007	.000	.041	.495	.159
	N	160	160	160	160	160	160	160
Autonomy	Pearson Correlation	-.034	.213**	1	.073	.416**	-.281**	.064
	Sig. (2-tailed)	.665	.007		.361	.000	.000	.424
	N	160	160	160	160	160	160	160
Environmental_Mastery	Pearson Correlation	.131	.334**	.073	1	.722**	-.284**	-.220**
	Sig. (2-tailed)	.100	.000	.361		.000	.000	.005
	N	160	160	160	160	160	160	160
Rewards	Pearson Correlation	.034	.162*	.416**	.722*	1	-.550**	-.242**

	Self_acceptance	Positive_relations	Autonomy	Environmental_Mastery	Rewards	Efforts	Reward_WE	JF_AVRG
Efforts	Sig. (2-tailed)	.673	.041	.000	.000		.000	.002
	N	160	160	160	160	160	160	160
	Pearson Correlation	.002	-.054	-.281**	-.284*	-.550**	1	-.052
	Sig. (2-tailed)	.980	.495	.000	.000	.000		.512
	N	160	160	160	160	160	160	160
Reward_WE	Pearson Correlation	.253**	.112	.064	-.220*	-.242**	-.052	1
	Sig. (2-tailed)	.001	.159	.424	.005	.002	.512	
	N	160	160	160	160	160	160	160
	Pearson Correlation	.194*	.048	-.144	-.363*	-.562**	.647**	.728**
	Sig. (2-tailed)	.014	.545	.069	.000	.000	.000	.000
JF_AVRG	N	160	160	160	160	160	160	160

** . Correlation is significant at the 0.01 level (2-tailed).

* . Correlation is significant at the 0.05 level (2-tailed).

Psychological Well-being Dimensions and Job Fruition (JF_AVRG)

Self-acceptance showed a significant positive correlation with JF_AVRG ($r = 0.194$, $p = .014$). Environmental Mastery had a significant negative correlation with JF_AVRG ($r = -0.363$, $p = .000$). This negative correlation is unexpected and, similar to the overall psychological well-being finding, suggests potential issues with item coding for this dimension or its relationship with job fruition. Positive relations ($r = 0.048$, $p = .545$) and Autonomy ($r = -0.144$, $p = .069$) did not show a significant correlation with JF_AVRG at the 0.05 level.

Workplace Environment Dimensions and Job Fruition (JF_AVRG)

Rewards showed a significant negative correlation with JF_AVRG ($r = -0.562$, $p = .000$). This is also an unexpected negative correlation, as higher rewards would typically be associated with higher job fruition, indicating a potential reverse coding issue or measurement anomaly. Efforts had a significant positive correlation with JF_AVRG ($r = 0.647$, $p = .000$). This suggests that higher efforts are associated with higher job fruition, which is a plausible finding. Reward_WE (likely a composite or specific reward-related item from workplace environment) showed a strong significant positive correlation with JF_AVRG ($r = 0.728$, $p = .000$). This

indicates a strong positive relationship between perceived rewards within the workplace environment and job fruition.

Inter-correlations among predictors

There were also significant correlations among the predictor dimensions themselves. Environmental Mastery was strongly positively correlated with Rewards ($r = 0.722$, $p = .000$), and Rewards was strongly negatively correlated with Efforts ($r = -0.550$, $p = .000$). These correlations, particularly the negative ones where positive relationships would be expected, reinforce the need to review the data coding and scale construction.

Table 6: Model Summary

Model	Change Statistics				
	R Square Change	F Change	df1	df2	Sig. F Change
1	1.000a	32597483017157852.000	7	152	.000
a. Predictors: (Constant), Reward_WE, Efforts, Positive_relations, Autonomy, Self_acceptance, Environmental_Mastery, Rewards					

Table 7: Coefficients

Model	Collinearity Statistics	
	Tolerance	VIF
1		
Self_acceptance	.799	1.252
Positive_relations	.693	1.443
Autonomy	.622	1.607
Environmental_Mastery	.335	2.982
Rewards	.239	4.191
Efforts	.635	1.576
Reward_WE	.787	1.270

a. Dependent Variable: JF_AVRG

Table 8: Collinearity Diagnostics

Model		Collinearity Statistics											
		Variance Proportions											
		Dimension	Eigenvalue	Condition Index	Self		Positive relation	Autonomy	Environmental Mastery	Rewards	Effort	Rewards	
					acceptance	e							
Model	n	e	n	Index	t)	e	s	y	al	Mastery	s	s	d
1	1	7.701	1.000	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	2	.105	8.574	.00	.00	.02	.08	.01	.00	.00	.26	.01	
	3	.066	10.776	.00	.00	.37	.26	.02	.00	.00	.00	.04	
	4	.056	11.736	.00	.00	.34	.04	.09	.01	.00	.00	.08	
	5	.047	12.799	.00	.02	.05	.21	.00	.00	.00	.19	.33	
	6	.016	22.214	.00	.67	.01	.00	.13	.00	.00	.07	.35	
	7	.007	32.144	.18	.29	.17	.28	.42	.13	.13	.06	.04	
	8	.002	58.151	.81	.01	.02	.13	.32	.85	.42	.42	.15	

a. Dependent Variable: JF_AVRG

The model including all specific psychological well-being and workplace environment dimensions was highly significant (Sig. F Change = .000) and explained all the variance (R Square Change = 1.000). This R-square value of 1.000 is exceptionally high and suggests either perfect prediction (which is rare in social sciences) or a computational issue, potentially due to how the

Reward_WE variable might be related to JF_AVRG or an artifact of the analysis setup, requiring further scrutiny.

Tolerance values ranged from .239 (Rewards) to .799 (Self_acceptance), and VIF values ranged from 1.252 (Self_acceptance) to 4.191 (Rewards). While some VIF values are approaching 5 (Rewards at 4.191), generally these values indicate that multicollinearity among the individual dimensions is not a severe problem in this model, as all VIFs are well below the common threshold of 10.

The Condition Index reached 58.151, particularly in Dimension 8, where high variance proportions are observed for (Constant), Rewards, and Efforts. A condition index above 30 typically indicates potential multicollinearity issues that might inflate standard errors and make individual predictor interpretations unstable. This contradicts the initial VIF/Tolerance assessment and suggests that while multicollinearity might not be severe enough to completely invalidate the model, it warrants caution when interpreting the individual contributions of correlated predictors like rewards and efforts.

Conclusion

Based on the analysis of the data, the study's findings are significantly impacted by critical data quality issues, particularly the negative Cronbach's Alpha values for the Workplace Environment and Job Fruition scales, and the unexpected negative coefficients for Psychological Well-being and Rewards in relation to Job Fruition. The R-squared value of

1.000 in the relative contribution analysis further highlights these underlying data problems. Given these limitations, definitive conclusions regarding the direct and interaction effects of psychological well-being and workplace environment on job fruition cannot be robustly drawn from the current dataset. The observed negative relationships for psychological well-being and rewards are contrary to theoretical expectations and likely stem from measurement or coding errors. The study did not find a significant interaction effect between psychological well-being and workplace environment on job fruition. While some individual dimensions showed statistically significant correlations with job fruition, the overall integrity of these findings is compromised by the identified data issues.

In essence, while the study aimed to provide nuanced insights into job fruition, the foundational data integrity prevented the derivation of reliable and interpretable conclusions from the statistical models.

Recommendations

Based on the findings and the identified limitations, the following recommendations are put forward.

Review Reward System

Employees expressed dissatisfaction with the adequacy of job rewards relative to their efforts (Mean = 1.91) and with monetary rewards (Mean = 2.83). The university should review its compensation and recognition policies to ensure they are perceived as fair and adequate, which could potentially enhance job fruition.

Address Physical Demands

The perception of jobs being physically demanding (Mean = 3.49) suggests a need to assess workload and ergonomic factors. Interventions to reduce physical strain could improve employee well-being and potentially job fruition.

Enhance Promotion Opportunities

Satisfaction with promotion opportunities was relatively low (Mean = 2.91). The university should clarify career progression paths and provide more transparent and equitable opportunities for advancement to boost employee morale and job fruition.

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