

# Performance Appraisal Satisfaction, Knowledge of Performance and Employee Performance: An Evidence Maps

Khuzaini<sup>1</sup>, Zakky Zamrudi<sup>2,\*</sup>, Teguh Wicaksono<sup>2</sup>, Syarifah Aulia<sup>1</sup>,  
Decky. C. Kananto Lihu<sup>1</sup>

<sup>1</sup>Postgraduate Program, Islamic University of Kalimantan, Banjarmasin, Indonesia

<sup>2</sup>Faculty of Economics, Islamic University of Kalimantan, Banjarmasin, Indonesia

\*Corresponding author. Email: zakky@uniska-bjm.ac.id

## ABSTRACT

This study explores how employee satisfaction with performance appraisals affects their work performance. Using a bibliometric approach, we analyzed research articles from Scopus to find patterns, key topics, and influential studies in this area. The results show four main themes: the role of workplace environment and mental health, the impact of stress, the influence of demographics and relationships at work, and the importance of leadership and feedback. Most studies are from healthcare and education sectors. The findings highlight the need for fair, supportive, and clear appraisal systems to improve employee motivation and performance. This research also points out gaps and suggests ways to improve future appraisal systems in various work settings.

**Keywords:** Performance appraisal, employee performance, feedback, workplace stress, Bibliometrics

## 1. INTRODUCTION

The field of human resource management has long recognized performance appraisal satisfaction as a crucial determinant of employee performance. In recent years, increased scholarly attention has been directed toward understanding how the satisfaction derived from performance appraisal systems translates into enhanced work outcomes, improved organizational citizenship behaviors, and overall job effectiveness (Guenther et al., 2024; Tagliabue et al., 2020). Given that performance feedback is a central component of these appraisal systems, multiple studies have explored its role not only in influencing job attitudes but also in shaping employee performance trajectories (Jong, 2016; Rizvi, 2017). This growing body of literature necessitates a comprehensive bibliometric analysis to synthesize the diverse strands of research and visually map the evolution of key themes, patterns, and frameworks that have defined the discourse in this field.

Bibliometric analysis, as a methodological approach, provides the tools to evaluate publication trends, citation networks, and thematic clusters within the research on performance appraisal satisfaction and employee performance (Jong, 2016; Rizvi, 2017). Such an approach enables researchers to identify influential articles, emerging research fronts, and potential gaps in the literature. For instance, the formalization of annual performance feedback processes has been shown to significantly correlate with job satisfaction and performance metrics in small and medium-sized enterprises, underscoring the practical implications of structured appraisal systems (Guenther et al., 2024). Concurrently, investigations into the mediating role of job-related constructs, like autonomy and clarity in job roles, reveal that performance feedback can mitigate the negative effects of role ambiguity, thereby boosting employee productivity and reducing turnover intentions (Jong, 2016).

Moreover, evidence mapping derived through bibliometric analysis supports a holistic examination of the interrelationships between performance appraisal satisfaction and various performance indicators. Researchers have illuminated that effective feedback models not only reinforce self-evaluation and commitment but also enhance organizational outcomes, providing a rigorous analytical framework for subsequent empirical studies and policy formulation (Rizvi, 2017). This analytical approach is particularly valuable in the current context, where rapid organizational change necessitates agile performance management strategies that are both evidence-based and adaptable to evolving work environments (Yuan et al., 2021). As such, an evidence mapping exercise can serve as a critical resource for consolidating extant research, identifying theoretical developments, and informing future investigations in the domain of performance appraisal and employee performance.

## 2. METHODS

The research methodology of this study employs a systematic bibliometric approach to uncover the intellectual structure and evolution of the literature on performance appraisal satisfaction and employee performance. The bibliometric method facilitates the identification of publication trends and influential authors while also supporting the visualization of research clusters and thematic patterns through advanced science mapping techniques (Sentanu et al., 2023; Zamrudi, 2023).

Data collection is initiated by selecting comprehensive academic databases from Scopus. A structured search strategy is developed with Boolean operators and predetermined keywords including “performance appraisal satisfaction”, “employee performance”, “performance feedback”, and related terms as indicated in Table 1.

Once the dataset is finalized, extensive data extraction is performed to compile bibliometric indicators such as authorship, publication year, keywords, abstracts, and citation metrics. These indicators serve as the foundation for various analytical techniques. The extracted data is subsequently imported into specialized bibliometric software tools—such as VOSviewer and CiteSpace—that are widely used for constructing co-citation networks and keyword co-occurrence maps (Zamrudi, 2023; Goncalves et al., 2024). The application of these visualization tools enables the identification of major research themes, seminal works, and the evolution of theoretical frameworks over time.

**Table 1. Search String Design**

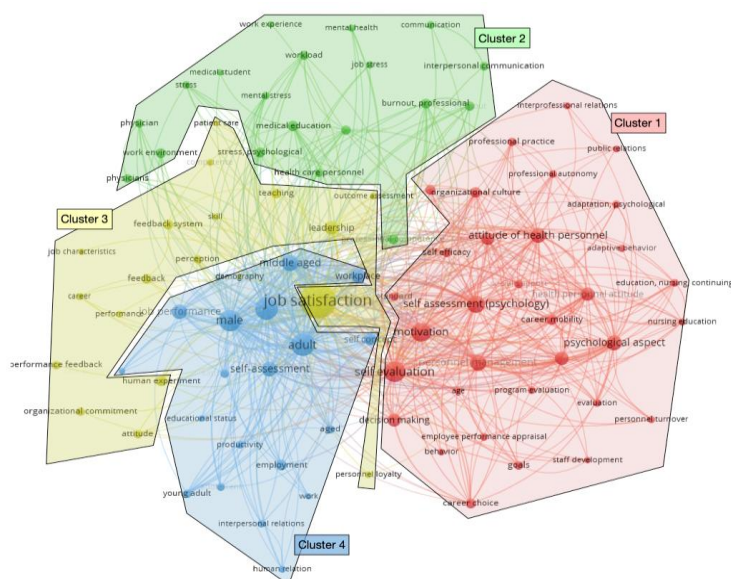
Context	Search String
Performance Appraisal	"performance appraisal" OR "performance evaluation" OR "employee appraisal" OR "feedback" OR "job performance" OR "appraisal satisfaction" OR "perceived fairness" OR "justice" OR "employee development" OR "engagement" OR "motivation" OR "organizational commitment"
Knowledge of Performance	"knowledge of performance" OR "performance feedback" OR "feedback perception" OR "knowledge of results" OR "performance awareness" OR "self-assessment" OR "metacognition" OR "feedback utility"
Job Satisfaction	"job satisfaction" OR "work satisfaction" OR "employee satisfaction" OR "career satisfaction" OR "occupational satisfaction"

Finally, the synthesis of the bibliometric data is conducted with an emphasis on transparency and reproducibility. The methodological framework outlines the stepwise process—from the data search and selection phases to visualization and analysis—to promote the replicability of the study by future scholars. Limitations such as database selection bias, language restrictions, and evolving publication trends are acknowledged, ensuring that the interpretation of the findings is situated within a rigorously defined methodological context.

## 3. RESULTS AND DISCUSSION

### 3.1. Results of Thematic Map

The general finding from the thematic maps using co-occurrence network, indicates that most of the study is conducted in health science related. The thematic map from this study indicates 4 main cluster indicated in Figure 1. First, cluster 1 (red) consist of 33 keywords, cluster 2 (green), while the rest cluster 3 (blue), and last but not least the cluster 4 (yellow) is consist of 19 keywords each as indicated in Table 1.



**Figure 1.** Keywords Co-Occurrence Clustering

**Table 2.** Thematic Maps of Keywords Co-Occurrence Cluster

Cluster 1 (33 items)	Cluster 2 (19 items)	Cluster 3 (19 items)	Cluster 4 (19 items)
Psychosocial and Professional Development	Occupational Stress and Mental Health in Healthcare	Demographic Influences on Job Performance	Feedback-Driven Performance and Leadership
Organizational Behavior in Health Education	Burnout and Resilience Among Medical Professionals	Workplace Behavior and Productivity Across Life Stages	Organizational Commitment and Career Development
Workforce Competence and Performance	Workplace Well-being in Medical Education and Practice	Self-Assessment and Performance in Employment Contexts	Competence, Perception, and Job Satisfaction
Motivation and Adaptation in Healthcare	Psychosocial Factors in Clinical Environments	Human Relations and Occupational Outcomes	Workplace Dynamics and Performance Outcomes
Human Factors in Professional Practice	Healthcare Workforce Stress and Professional Competence	Gender, Age, and Job Satisfaction Dynamics	Human Factors in Career and Teaching Environments
Topical Summary			
Psychosocial and Organizational Factors	Occupational Stress and Mental Health Among Professionals	Demographic and Relational Influences on Workplace Performance	Leadership, Feedback, and Organizational Commitment

### 3.2. Discussion

#### 3.2.1. Psychosocial, organizational factors, and Employee Performance Appraisal

The relationship of psychosocial and organizational factors in the context of employee performance appraisal underscores a dual focus: the need to nurture a psychologically supportive work environment and the importance of implementing precise, objective, and empowering appraisal systems. The interplay between these factors creates a resilient framework that not only optimizes performance appraisal procedures but also contributes to sustained employee engagement and enhanced overall organizational performance (Serhan & Tsangari, 2022; Hallam et al., 2023; Yuan et al., 2021; Arnetz & Blomkvist, 2007; Jong, 2016; Stewart et al., 2010; Sommer & Kulkarni, 2012).

### 3.2.2. Occupational Stress, Mental Health Among Professionals and employee performance appraisal

Occupational stress and mental health deterioration significantly affect employee engagement in performance appraisal processes, often resulting in less constructive self-assessments and diminished responsiveness to feedback (Weyers et al., 2006). In nursing, psychosocial stress has been linked to poor self-rated health, impairing staff's ability to participate in feedback cycles (Weyers et al., 2006). Similarly, in academia and healthcare, burnout reduces engagement and undermines the reliability of performance evaluations, as emotionally exhausted faculty may struggle to integrate feedback (Alvandi & Davis, 2023). To address this, integrating performance appraisal systems with mental health strategies is vital. Supportive, transparent feedback mechanisms can buffer the negative effects of stress (Yuan et al., 2021). These mechanisms enhance motivation and reduce stress when health workers clearly understand their performance-based evaluations (Yuan et al., 2021). Additionally, appraisal systems attuned to workplace stressors can support health workers' psychological well-being and cultivate a resilient work environment (Majidi et al., 2020).

### 3.2.3. Demographic, Relational Influences on Workplace Performance and employee performance appraisal

Integrating demographic and relational factors into performance appraisal systems is essential for developing practices that are both equitable and effective. Demographic diversity influences individual perceptions and behaviors, while robust relational dynamics ensure that feedback processes are constructive and supportive. Together, these factors create a dynamic framework that enhances employee performance, promotes fairness, and contributes to sustainable organizational excellence (Hallam et al., 2023; Besen et al., 2013; Arnetz & Blomkvist, 2007).

### 3.2.4. Leadership, Feedback, Organizational Commitment and employee performance appraisal

Leadership behaviors that foster a supportive and transparent feedback culture are integral to reinforcing organizational commitment, which in turn enhances the effectiveness of employee performance appraisal processes. The synergy between transformational leadership, constructive performance feedback, and robust organizational commitment creates an environment where performance evaluations serve as both a motivational tool and a catalyst for continuous improvement across the organization (Hallam et al., 2023; Tziner & Latham, 1989; Uslu-Şahan & Terzioğlu, 2022).



**Figure 2.** Relationship among concept

### 3.2.5. Knowledge of performance as an underlying concept

Yuan et al. (2021) emphasize that health workers who clearly understand their individual performance tend to report greater satisfaction with appraisal systems, especially when feedback is provided through multiple channels such as managerial input, patient evaluations, and public reporting. This clarity enhances motivation and supports performance improvement. Similarly, Ehrenfeld et al. (2014) found that near-real-time, automated feedback supports ongoing self-assessment, enabling employees—particularly in clinical settings—to adjust their actions in line with performance goals

and improve quality outcomes. Rizvi (2017) also contributes to this perspective by proposing a feedback model where structured, objective communication of performance data helps employees better understand their performance levels and encourages development. Together, these findings indicate that integrating knowledge of performance into dashboards is not just about displaying metrics—it plays an active role in boosting motivation, supporting self-improvement, and aligning individual efforts with organizational objectives.

#### 4. CONCLUSIONS

Employee performance appraisal is more effective when it considers psychosocial, organizational, demographic, and leadership factors. Stress and poor mental health can reduce employee engagement and responsiveness to feedback (Weyers et al., 2006; Alvandi & Davis, 2023). Supportive appraisal systems and transparent feedback help reduce stress and improve motivation and job commitment (Yuan et al., 2021; Majidi et al., 2020). Including demographic and relational factors ensures fairness and better performance outcomes (Hallam et al., 2023; Besen et al., 2013).

Most findings come from healthcare and academic settings, which may not apply to all work environments. Many studies are cross-sectional, limiting our ability to see long-term effects. Also, differences in appraisal systems and workplace cultures make it hard to generalize results.

More long-term studies in different industries are needed to better understand how stress and mental health affect appraisals. Future appraisal systems should include mental health support, real-time feedback, and be tailored to each organization. Involving employees in designing these systems can also improve fairness and effectiveness.

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