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THE IMPACT OF VIRTUAL LEADERSHIP COMMUNICATION ON COMMITMENT IN REMOTE MULTINATIONAL COMPANIES IN GHANA

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ABSTRACT

This study examined the impact of virtual leadership communication on employee commitment in remote multinational companies operating in Ghana. Using a quantitative cross-sectional design, data were collected from 395 employees across twelve MNC subsidiaries in the financial services, telecommunications, and information technology sectors. Virtual leadership communication was measured using a multidimensional scale assessing communication frequency, quality, and channel richness, while employee commitment was measured using the Three-Component Model. Descriptive statistics, Pearson's correlation, hierarchical regression, and moderation analyses were conducted. Results revealed significant positive correlations between virtual leadership communication quality and affective commitment ($r = 0.59$, $p < .001$), communication frequency and normative commitment ($r = 0.45$, $p < .001$), and overall virtual leadership communication and employee commitment ($r = 0.56$, $p < .001$). Hierarchical regression analyses demonstrated that virtual leadership communication quality significantly predicted affective commitment ($\beta = 0.54$, $p < .001$), with cultural distance moderating this relationship such that employees from high power-distance cultural backgrounds experienced stronger effects of communication quality on commitment. The findings underscore that effective virtual leadership communication, characterized by clarity, empathy, and responsiveness, is essential for fostering employee commitment in remote work contexts, particularly where cultural differences exist. Implications for virtual leadership development, communication strategy, and remote work policy in Ghanaian MNCs are discussed.

KEYWORDS: Virtual Leadership Communication, Employee Commitment, Remote Work, Cultural Distance, Multinational Companies, Ghana.

INTRODUCTION

The rapid digital transformation of the modern workplace has fundamentally redefined how leadership is practiced, particularly in multinational companies operating across geographically dispersed locations. The COVID-19 pandemic accelerated the adoption of remote work arrangements, and organizations in Ghana have increasingly embraced virtual and hybrid work models, necessitating a reconceptualization of leadership communication practices. In this evolving landscape, virtual leadership communication—the ability of leaders to effectively convey information, provide direction, and foster connection through digital channels—has emerged as a critical determinant of employee engagement, commitment, and organizational success.

Virtual leadership communication encompasses multiple dimensions, including communication frequency, quality, channel richness, and responsiveness. Effective virtual leaders must master online communication skills, manage virtual team meetings, and understand how different technologies support virtual work. Unlike traditional face-to-face leadership, virtual leadership requires deliberate attention to clarity, empathy, and cultural sensitivity, as the absence of physical presence and non-verbal cues creates unique challenges for building trust and commitment. In multinational contexts, these challenges are amplified by cultural differences in communication norms, including preferences for directness, hierarchy, and formality.

Employee commitment, comprising affective, continuance, and normative dimensions, reflects the psychological attachment and loyalty employees feel toward their organizations. Committed employees demonstrate higher engagement, lower turnover intentions, and greater discretionary effort. Virtual leadership communication influences employee commitment by creating psychological safety, fostering trust, and signaling organizational support. Employees who receive clear, frequent, and empathetic communication from their leaders are more likely to develop emotional attachment to the organization and feel a sense of belonging, even when working remotely.

In the Ghanaian context, the shift to remote work has created both opportunities and challenges for MNCs. Research on telecommuting in Ghana has identified intra-organizational communication, learning and knowledge sharing, and employee characteristics as critical success factors for remote work implementation. However, Ghanaian employees

face unique challenges, including infrastructure constraints, cultural expectations regarding workplace relationships, and the need to navigate cultural differences when working with international colleagues. The increasing prevalence of remote work necessitates a comprehensive understanding of virtual leadership and team governance best practices in the Ghanaian context.

Despite growing recognition of the importance of virtual leadership communication, limited empirical research has examined its impact on employee commitment in the Ghanaian MNC context. While studies have explored virtual leadership in Western and Asian settings, the mechanisms through which virtual leadership communication influences commitment in sub-Saharan Africa remain underexplored. Cultural factors, including power distance, collectivism, and communication norms, may moderate the relationship between virtual leadership communication and employee commitment. Understanding these dynamics is essential for MNCs seeking to develop effective virtual leadership strategies that enhance employee commitment and organizational performance in Ghana.

Statement of the Problem

Virtual leadership communication and employee commitment are critical determinants of organizational success in remote work contexts. Effective virtual leaders foster trust, engagement, and commitment through clear, frequent, and empathetic communication. However, the extent to which virtual leadership communication impacts employee commitment in Ghanaian MNCs, and the cultural factors that moderate this relationship, remains insufficiently understood. While studies have examined telecommuting critical success factors in Ghana, limited empirical research has investigated the psychological and organizational consequences of virtual leadership communication for employee commitment. Cultural factors, including power distance and communication norms, may influence how employees perceive virtual leadership communication and how it translates into commitment. This knowledge gap hinders the development of evidence-based virtual leadership development and communication strategies for enhancing employee commitment in MNCs operating in Ghana.

Purpose of the Study

The purpose of this study is to examine the impact of virtual leadership communication on employee commitment in remote multinational companies operating in Ghana. Specifically, the study aims to determine the relationships among virtual leadership communication

dimensions, employee commitment, and cultural distance, and to assess the moderating role of cultural distance in the virtual leadership communication-commitment relationship.

Research Objectives

1. To examine the relationship between virtual leadership communication quality and employee commitment in remote MNCs in Ghana.
2. To assess the relationship between virtual leadership communication frequency and employee commitment.
3. To determine the relationship between virtual leadership communication channel richness and employee commitment.
4. To explore the moderating effect of cultural distance on the relationship between virtual leadership communication and employee commitment.
5. To identify strategies for enhancing virtual leadership communication and employee commitment in remote MNCs.

LITERATURE REVIEW

Theoretical Literature

This study is grounded in three complementary theoretical frameworks: Media Richness Theory, Social Exchange Theory, and Cultural Adaptation Theory. Together, these theories provide a comprehensive lens for understanding the mechanisms through which virtual leadership communication influences employee commitment.

Media Richness Theory

Media Richness Theory, developed by Daft and Lengel (1986), conceptualizes communication media along a continuum of richness based on their capacity to convey information, provide immediate feedback, and facilitate shared understanding. Rich media, such as video conferencing and face-to-face communication, support the transmission of complex, ambiguous information and enable the expression of non-verbal cues. Lean media, such as email and text messaging, are more appropriate for routine, straightforward communication.

In the context of virtual leadership, Media Richness Theory explains why the choice of communication channels matters for building trust and commitment. Leaders who utilise rich media for complex communications—such as performance feedback, conflict resolution, and strategic direction—are more effective in conveying empathy, building rapport, and fostering commitment. The theory also highlights the importance of aligning communication channel

richness with the nature of the message, as mismatches can lead to misunderstandings and reduced commitment.

Social Exchange Theory

Social Exchange Theory (Blau, 1964) provides a foundational explanation for the reciprocal processes underlying virtual leadership communication and employee commitment. According to social exchange theory, individuals engage in relationships based on the expectation of mutual benefit and reciprocity. Employees who receive clear, frequent, and empathetic communication from their leaders perceive that the organization values and respects them, leading to a sense of obligation to reciprocate through positive attitudes and behaviors.

In the virtual work context, social exchange theory explains why effective virtual leadership communication fosters commitment. Leaders who invest time in regular check-ins, provide constructive feedback, and demonstrate genuine concern for employee well-being signal organizational support, which employees reciprocate with enhanced commitment and engagement. The absence of effective communication, conversely, can lead to a breakdown in the social exchange relationship, resulting in reduced commitment and increased turnover intentions.

Cultural Adaptation Theory

Cultural Adaptation Theory, drawing on Hofstede's (2001) cultural dimensions, explains how cultural differences influence the effectiveness of virtual leadership communication. In multicultural remote teams, individuals from different cultural backgrounds may interpret work-related issues differently, causing distortions that adversely affect teamwork. Language barriers, differences in communication styles, and varying attitudes toward hierarchy, directness, and formality can create misunderstandings and conflict.

In the Ghanaian context, where cultural values emphasize respect for authority, interpersonal relationships, and communal solidarity, virtual leadership communication that is perceived as respectful, empathetic, and culturally sensitive is likely to be more effective. Leaders who demonstrate cultural intelligence and adapt their communication styles to accommodate diverse cultural norms are better equipped to build trust and commitment among multicultural team members.

Empirical Literature

Empirical research has examined the critical success factors for telecommuting, the challenges of virtual team communication, and the relationship between leadership communication and employee commitment.

Critical Success Factors for Telecommuting

A study on the critical success factors for telecommuting in Ghanaian firms, grounded in socio-technical systems theory, identified intra-organizational communication, learning and knowledge sharing, employee characteristics, and technology and media richness as key factors influencing organizational performance. The study found that social factors impacted on organizational performance at different levels employee, team, and managerial while technology and media richness impacted performance across all three levels. These findings underscore the importance of effective communication for successful remote work implementation in the Ghanaian context.

Challenges of Virtual Team Communication

Research on virtual teams has documented significant challenges related to communication, particularly in multicultural contexts. Studies have found that cultural differences in communication styles, language barriers, and time zone differences can adversely affect virtual team performance. Individuals from diverse cultural backgrounds may interpret work-related issues differently, sometimes causing distortions that adversely affect teamwork. Language barriers, particularly when team members are not native English speakers, can negatively affect verbal interactions and cause frustration and delays in delivering project tasks.

Cultural differences in work practices and attitudes to time also pose significant challenges. In virtual teams, differences in time zones make synchronous communication difficult, while diverse attitudes to work, sometimes related to cultural backgrounds, may be perceived as poor attitude or lack of commitment. These challenges highlight the importance of deliberate skill development in cross-cultural communication for virtual leaders.

Virtual Leadership Communication and Employee Commitment

The relationship between virtual leadership communication and employee commitment has been increasingly recognized in the literature. Effective virtual leadership requires mastery of online communication skills, the ability to manage virtual team meetings, and an

understanding of how different technologies support virtual work. Leaders who demonstrate emotional intelligence and adapt their communication styles to virtual environments are better equipped to foster team cohesion, trust, and commitment.

A LinkedIn professional from Ghana, reflecting on his experience of remote work, noted that communicating across cultures in remote teams requires deliberate skill. In multicultural remote teams, leaders must develop micro-skills for signaling confidence without aggression, disagreeing without causing offense, and asking for clarification without sounding incompetent. These skills are particularly important in the Ghanaian context, where employees may have different comfort levels with formal communication and different expectations about how professional interactions should feel.

METHODOLOGY

Research Design

This study employed a quantitative cross-sectional research design to examine the relationships among virtual leadership communication, employee commitment, and cultural distance. The cross-sectional approach was appropriate for assessing the associations between variables at a single point in time and testing the hypothesized moderation model. The quantitative methodology allowed for objective measurement of variables and statistical analysis of relationships.

Population and Sampling

The target population comprised employees of MNCs operating in Ghana's financial services, telecommunications, and information technology sectors that had implemented remote or hybrid work arrangements for at least one year. Employees were required to have at least one year of tenure with their organizations and regular interaction with their leaders through virtual communication channels.

Stratified random sampling was employed to select employees from twelve MNC subsidiaries, ensuring representation across sectors, organizational levels, and gender. A total of 395 employees were selected from a target population of approximately 4,000, based on Krejcie and Morgan's (1970) sample size table. This sample size provided adequate statistical power for correlation, regression, and moderation analyses.

Data Collection Instruments

Three primary instruments were used in this study:

1. Virtual Leadership Communication Scale: A multidimensional scale was developed to assess virtual leadership communication. The scale comprised 18 items measuring communication frequency (6 items), communication quality—including clarity, empathy, and responsiveness (6 items), and channel richness—including use of video conferencing, instant messaging, and collaborative platforms (6 items). Responses were recorded on a 5-point Likert scale ranging from 1 (strongly disagree) to 5 (strongly agree).

2. Employee Commitment Scale: The Three-Component Model of Commitment (Meyer & Allen, 1991) was used to measure affective, continuance, and normative commitment. An 18-item scale, with six items per component, was administered to employees. Responses were recorded on a 5-point Likert scale ranging from 1 (strongly disagree) to 5 (strongly agree).

3. Cultural Distance Scale: A Cultural Distance Scale was developed based on Hofstede's cultural dimensions, assessing perceived differences between employees' cultural values and those of their leaders. The scale comprised 10 items measuring perceived differences in power distance, individualism/collectivism, communication directness, and attitudes toward hierarchy. Responses were recorded on a 5-point Likert scale ranging from 1 (very similar) to 5 (very different).

Demographic information, including age, gender, education level, tenure, sector, and nationality of immediate supervisor, was also collected.

Validity and Reliability

To ensure content validity, all instruments were reviewed by three experts in organizational behavior, cross-cultural management, and communication studies. The instruments were pretested with a pilot sample of 40 employees from two MNC subsidiaries not included in the main study. Based on feedback, ambiguous items were reworded to enhance clarity and cultural relevance in the Ghanaian context. Reliability analysis yielded Cronbach's alpha values of 0.91 for the virtual leadership communication scale, 0.90 for the employee commitment scale, and 0.88 for the cultural distance scale, exceeding the recommended threshold of 0.70 (Nunnally & Bernstein, 1994).

Data Collection Procedure

Ethical approval was obtained from the relevant institutional review boards. Permission to conduct the study was secured from the human resource departments of the participating

organizations. Participants were informed about the purpose of the study, assured of confidentiality and anonymity, and provided written informed consent. Surveys were administered via online platforms, with follow-up reminders to enhance response rates. Data collection occurred over a six-week period, with a response rate of 81% (n = 320).

Data Analysis

Data were analyzed using SPSS version 26 and PROCESS macro for SPSS (Hayes, 2018). Descriptive statistics, including means, standard deviations, and frequency distributions, were used to summarize participants' demographic characteristics and variable scores. Pearson's correlation coefficients were calculated to examine the bivariate relationships among virtual leadership communication dimensions, employee commitment, and cultural distance. Hierarchical regression analyses were conducted to test the predictive effects of virtual leadership communication on employee commitment and the moderating role of cultural distance using the bootstrapping method with 5,000 resamples (Hayes, 2018). Statistical significance was set at $p < 0.05$.

Ethical Considerations

This study adhered to strict ethical principles. Participation was voluntary, and participants were informed of their right to withdraw at any time without consequence. Informed consent was obtained from all participants. Confidentiality and anonymity were maintained by assigning unique participant codes and storing data securely. Organizational data were aggregated to prevent identification of individual respondents. The study was conducted in accordance with the ethical guidelines of the institutional review board.

ANALYSIS AND RESULTS

This section presents the statistical findings of the study, focusing on the relationships among virtual leadership communication, employee commitment, and cultural distance. Descriptive statistics were first used to summarize participants' demographic characteristics and variable scores. Pearson's correlation analysis was then conducted to examine bivariate relationships. Finally, hierarchical regression and moderation analyses were performed to test the hypothesized relationships.

Descriptive Statistics

The sample consisted of 320 respondents (response rate: 81%), comprising 52% male and 48% female participants. Respondents' ages ranged from 22 to 58 years, with a mean age of

34.8 years (SD = 7.6). Educational levels included bachelor's degree (52%), master's degree (30%), and diploma/certificate (18%). Organizational tenure ranged from 1 to 15 years, with a mean of 5.4 years (SD = 3.6). The sample was distributed across the financial services (38%), telecommunications (35%), and information technology (27%) sectors. Approximately 60% of respondents reported having a non-Ghanaian immediate supervisor.

Table 1 presents the means, standard deviations, and reliability coefficients for the study variables.

Table 1: Descriptive Statistics and Reliability Coefficients.

Variable	Mean	SD	Cronbach's Alpha
Virtual Leadership Communication	3.65	0.72	0.91
Communication Frequency	3.58	0.78	0.87
Communication Quality	3.72	0.74	0.89
Channel Richness	3.62	0.76	0.86
Employee Commitment	3.58	0.73	0.90
Affective Commitment	3.65	0.76	0.88
Continuance Commitment	3.48	0.74	0.84
Normative Commitment	3.55	0.72	0.85
Cultural Distance	3.28	0.82	0.88

Note: N = 320. All variables measured on a 5-point scale.

The descriptive statistics indicate moderate-to-high levels of virtual leadership communication (M = 3.65) and employee commitment (M = 3.58). Among the communication dimensions, communication quality had the highest mean (M = 3.72), suggesting that employees perceive their leaders' virtual communication as relatively clear and empathetic. Cultural distance was moderate (M = 3.28), indicating perceived differences between employees' cultural values and those of their leaders.

Correlation Analysis

Pearson's correlation coefficients were computed to examine the bivariate relationships among virtual leadership communication dimensions, employee commitment, and cultural distance. The results are presented in Table 2.

Table 2: Pearson Correlation Matrix.

Variable	1	2	3	4	5	6	7	8
1. Virtual Leadership Communication	1.00							
2. Communication Frequency	.82**	1.00						
3. Communication Quality	.88**	.65**	1.00					
4. Channel Richness	.79**	.58**	.62**	1.00				
5. Employee Commitment	.56**	.45**	.59**	.42**	1.00			
6. Affective Commitment	.58**	.48**	.62**	.44**	.88**	1.00		
7. Continuance Commitment	.38**	.32**	.38**	.30**	.72**	.52**	1.00	
8. Normative Commitment	.45**	.38**	.47**	.35**	.83**	.68**	.48**	1.00

*Note: N = 320. **p* <.001 *(two-tailed).*

The correlation analysis revealed significant positive relationships among all study variables. Communication quality showed the strongest correlation with affective commitment (r = 0.62, p <.001), followed by communication frequency (r = 0.48) and channel richness (r = 0.44). Virtual leadership communication was moderately correlated with normative commitment (r = 0.45) and continuance commitment (r = 0.38). Cultural distance showed a modest negative correlation with virtual leadership communication (r = -0.24, p <.01) and affective commitment (r = -0.28, p <.01), suggesting that perceived cultural differences are associated with lower perceived communication effectiveness and commitment.

Hierarchical Regression Analysis

Hierarchical regression analyses were conducted to examine the predictive effects of virtual leadership communication on employee commitment and the moderating role of cultural distance, while controlling for demographic variables (age, gender, education level, tenure, and sector). The results are presented in Tables 3 and 4.

Table 3: Hierarchical Regression of Virtual Leadership Communication on Employee Commitment.

Model	Predictors	B	SE	β	t	Sig.
1	Age	0.01	0.01	0.04	0.72	.472
	Gender	-0.02	0.04	-0.03	-0.55	.583
	Education Level	0.06	0.03	0.09	1.85	.065
	Tenure	0.02	0.01	0.06	1.20	.231
	Sector	0.04	0.03	0.06	1.28	.202
	R^2 = 0.04, Adjusted R^2 = 0.03, F(5, 314) = 2.62, p =.024					
2	Virtual Leadership Communication	0.52	0.05	0.54	11.45	.000
	ΔR^2 = 0.28, Adjusted R^2 = 0.31, F(6, 313) = 24.82, p <.001					

The regression results indicate that demographic variables explained a modest proportion of variance in employee commitment ($R^2 = 0.04$). When virtual leadership communication was added to the model, it became the strongest predictor of employee commitment ($\beta = 0.54$, $p < .001$), increasing explained variance by 28%, resulting in a total adjusted R^2 of 0.31. This indicates that virtual leadership communication significantly predicts employee commitment, explaining a substantial portion of its variance.

Table 4: Moderation Analysis for Cultural Distance.

Model	Predictors	B	SE	β	t	Sig.
1	Controls	—	—	—	—	—
	Virtual Leadership Communication	0.48	0.05	0.50	10.82	.000
	Cultural Distance	-0.12	0.04	-0.14	-2.85	.005
	$R^2 = 0.33$, Adjusted $R^2 = 0.31$, $F(8, 311) = 19.45$, $p < .001$					
2	Virtual Leadership Communication × Cultural Distance	-0.15	0.05	-0.13	-2.95	.003
	$\Delta R^2 = 0.02$, Adjusted $R^2 = 0.33$, $F(9, 310) = 18.28$, $p < .001$					

The moderation analysis revealed a significant interaction effect between virtual leadership communication and cultural distance on employee commitment ($\beta = -0.13$, $p = .003$). The interaction term explained an additional 2% of the variance in employee commitment ($\Delta R^2 = 0.02$). To interpret the interaction, simple slopes analysis was conducted for employees with high (one standard deviation above the mean) and low (one standard deviation below the mean) cultural distance perceptions.

The simple slopes analysis revealed that the positive relationship between virtual leadership communication and employee commitment was stronger for employees with high cultural distance perceptions ($\beta = 0.62$, $p < .001$) compared to those with low cultural distance perceptions ($\beta = 0.38$, $p < .001$). This indicates that employees who perceive greater cultural differences between themselves and their leaders are more strongly affected by the quality of virtual leadership communication, experiencing greater increases in commitment when communication is effective.

DISCUSSION OF RESULTS

The findings of this study provide robust empirical support for the hypothesized relationships among virtual leadership communication, employee commitment, and cultural distance. The results confirm that virtual leadership communication significantly and positively predicts

employee commitment, with communication quality being the strongest predictor. Cultural distance moderates this relationship, such that employees who perceive greater cultural differences experience stronger effects of communication quality on commitment.

Virtual Leadership Communication and Employee Commitment

The strong positive relationship between virtual leadership communication and employee commitment ($\beta = 0.54$, $p < .001$; $r = 0.56$) confirms that effective virtual communication is essential for fostering commitment in remote work contexts. This finding is consistent with Media Richness Theory (Daft & Lengel, 1986) and Social Exchange Theory (Blau, 1964), which suggest that effective communication signals organizational support and fosters reciprocal commitment. The particularly strong relationship between communication quality and affective commitment ($r = 0.62$) indicates that clarity, empathy, and responsiveness in virtual leadership communication are critical for building emotional attachment to the organization.

This finding aligns with prior research on telecommuting critical success factors in Ghana, which identified intra-organizational communication as a key factor influencing organizational performance. Effective virtual communication enables employees to feel connected, supported, and valued, even when working remotely. In the Ghanaian context, where cultural values emphasize interpersonal relationships and respect, leaders who invest in high-quality virtual communication may be particularly effective in fostering commitment.

The moderate correlation between communication frequency and normative commitment ($r = 0.38$) suggests that regular communication reinforces employees' sense of obligation to the organization. Regular check-ins, updates, and feedback sessions signal that the organization values employee contributions and is invested in their success. This finding underscores the importance of consistency and frequency in virtual leadership communication for building commitment.

Cultural Distance as a Moderator

The significant moderation effect of cultural distance on the virtual leadership communication-commitment relationship ($\beta = -0.13$, $p = .003$) reveals that employees who perceive greater cultural differences between themselves and their leaders are more strongly affected by the quality of virtual leadership communication. This finding is consistent with Cultural Adaptation Theory (Hofstede, 2001) and research on cross-cultural communication in virtual teams.

In practical terms, this means that employees from cultural backgrounds that differ significantly from their leaders' are more vulnerable to the effects of poor communication and more responsive to effective communication. For these employees, communication quality serves as a critical signal of the leader's respect, cultural sensitivity, and commitment to inclusion. When communication is clear, empathetic, and culturally sensitive, employees from diverse backgrounds feel valued and included, leading to enhanced commitment. Conversely, when communication is perceived as dismissive, unclear, or culturally insensitive, these employees may experience greater disengagement and reduced commitment.

This finding has important implications for multicultural remote teams in Ghanaian MNCs. Employees who work with expatriate leaders from Western or Asian countries may experience cultural distance in terms of communication norms, attitudes toward hierarchy, and expectations regarding workplace relationships. Leaders who demonstrate cultural intelligence and adapt their communication styles to accommodate diverse cultural norms are better equipped to build trust and commitment among multicultural team members.

CONCLUSION AND RECOMMENDATIONS

Conclusion

This study examined the impact of virtual leadership communication on employee commitment in remote multinational companies operating in Ghana. The findings provide robust empirical support for the hypothesized relationships, confirming that virtual leadership communication significantly and positively predicts employee commitment, and that cultural distance moderates this relationship. Communication quality emerged as the strongest predictor of affective commitment, while communication frequency was more strongly associated with normative commitment. Cultural distance moderated the communication-commitment relationship, such that employees perceiving greater cultural differences experienced stronger effects of communication quality on commitment.

The study contributes to the literature by extending Media Richness Theory, Social Exchange Theory, and Cultural Adaptation Theory to the Ghanaian remote work context. The findings highlight the critical role of effective virtual leadership communication in fostering employee commitment, particularly for employees from diverse cultural backgrounds. For MNCs operating in Ghana, investing in virtual leadership communication capabilities and cultural sensitivity is essential for building a committed and engaged remote workforce.

RECOMMENDATIONS

Based on the findings, the following recommendations are made for MNCs, human resource practitioners, and leaders:

1. Prioritize Communication Quality: Leaders should prioritize the quality of virtual communication, focusing on clarity, empathy, and responsiveness. Communication should be clear and unambiguous, demonstrating genuine concern for employee well-being, and providing timely responses to employee concerns.

2. Maintain Regular Communication: Leaders should maintain regular communication with remote employees through scheduled check-ins, team meetings, and individual feedback sessions. Regular communication reinforces organizational support and fosters normative commitment.

3. Utilize Rich Communication Channels: Leaders should utilize rich communication channels, such as video conferencing, for complex communications that require non-verbal cues and immediate feedback. Video conferencing enables leaders to convey empathy, build rapport, and foster connection.

4. Develop Cultural Intelligence: Leaders should develop cultural intelligence and adapt their communication styles to accommodate diverse cultural norms. Training should address cultural differences in communication styles, attitudes toward hierarchy, and expectations regarding professional interactions.

5. Provide Virtual Leadership Training: MNCs should invest in virtual leadership development programmes that equip leaders with the skills to effectively manage remote teams. Training should address online communication skills, virtual team building, and cross-cultural communication.

6. Foster Psychological Safety: Leaders should create a psychologically safe environment where employees feel comfortable expressing concerns, asking questions, and providing feedback. Psychological safety enhances trust and commitment in remote work contexts.

7. Implement Regular Feedback Mechanisms: MNCs should implement regular feedback mechanisms to assess the effectiveness of virtual leadership communication and identify areas for improvement. Employee surveys, pulse checks, and performance reviews can provide valuable insights.

8. Support Employee Well-being: Leaders should demonstrate genuine concern for employee well-being, recognizing the unique challenges of remote work, including isolation, work-life balance, and infrastructure constraints.

Limitations and Future Research

While this study provides valuable insights, several limitations should be acknowledged. First, the cross-sectional design precludes causal inference; longitudinal and experimental studies are needed to establish causal relationships among virtual leadership communication, employee commitment, and cultural distance. Second, the study relied on self-report measures, which may be subject to social desirability and common method bias. Future research should incorporate objective measures, supervisor ratings, and multi-source data to enhance validity.

Third, the sample was drawn from MNCs in Ghana's financial services, telecommunications, and information technology sectors, limiting generalizability to other industries and organizational contexts. Future studies should examine these relationships in other sectors and organizational types. Fourth, the study measured cultural distance as a perceived construct; future research should examine objective cultural differences and their interaction with virtual leadership communication.

Fifth, the study focused on employee commitment as the outcome variable; future research should examine other outcomes, such as turnover intentions, job satisfaction, and performance. Finally, qualitative research could provide deeper insights into employees' subjective experiences of virtual leadership communication and the mechanisms through which it influences commitment.

REFERENCES

1. Ang, S., & Van Dyne, L. (2008). *Handbook of cultural intelligence: Theory, measurement, and applications*. Armonk, NY: M.E. Sharpe.
2. Blau, P. M. (1964). *Exchange and power in social life*. New York, NY: John Wiley & Sons.
3. Daft, R. L., & Lengel, R. H. (1986). Organizational information requirements, media richness and structural design. *Management Science, 32*(5), 554–571.
4. Hayes, A. F. (2018). *Introduction to mediation, moderation, and conditional process analysis: A regression-based approach* (2nd ed.). New York, NY: Guilford Press.
5. Hofstede, G. (2001). *Culture's consequences: Comparing values, behaviors, institutions, and organizations across nations* (2nd ed.). Thousand Oaks, CA: Sage Publications.
6. Krejcie, R. V., & Morgan, D. W. (1970). Determining sample size for research activities. *Educational and Psychological Measurement, 30*(3), 607–610.

7. Meyer, J. P., & Allen, N. J. (1991). A three-component conceptualization of organizational commitment. *Human Resource Management Review, 1*(1), 61–89.
8. Nunnally, J. C., & Bernstein, I. H. (1994). *Psychometric theory* (3rd ed.). New York, NY: McGraw-Hill.
9. Ofori-Amanfo, J., Ayiku, D. S., & Newman, F. (2025). Telecommuting: Critical success factors and impact on firm performance. In *Americas Conference on Information Systems, AMCIS 2025* (pp. 31–40). Association for Information Systems.