

## CREATING A CULTURE OF PSYCHOLOGICAL SAFETY: IMPLICATIONS FOR TEAM PERFORMANCE

Kurniawati Ningsih<sup>1\*</sup>, Dhenny Asmarazisa<sup>2</sup>, Catur Fatchu Ukhriyawati<sup>3</sup>

<sup>1</sup>Universitas Riau Kepulauan, Indonesia

<sup>2</sup>Universitas Riau Kepulauan, Indonesia

<sup>3</sup>Universitas Riau Kepulauan, Indonesia

E-mail: [key\\_nia@ymail.com](mailto:key_nia@ymail.com)<sup>1\*</sup>, [dhennyasmarazisa@gmail.com](mailto:dhennyasmarazisa@gmail.com)<sup>2</sup> [catur@fekon.unrika.ac.id](mailto:catur@fekon.unrika.ac.id)<sup>3</sup>

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### Abstract

This article examines how psychological safety—a shared belief that the team is safe for interpersonal risk-taking—serves as a critical driver of team performance in complex work environments. Through a conceptual analysis of leadership roles, we demonstrate that leaders cultivate this environment by acting as catalysts who frame work as a learning process, models who demonstrate vulnerability through their response to failure and dissent, and enforcers who establish clear norms and equitable structures. The analysis reveals that these behaviors directly enable the learning, innovation, and candid dialogue necessary for high performance by encouraging risk-taking, transforming failures into learning data, and ensuring full team participation. The article concludes that building psychological safety is not a soft skill but a strategic imperative, providing a practical framework for leaders to unlock their team's collective intelligence and build a more adaptive, resilient, and successful organization.

**Keywords:** *psychological safety, team performance, leadership, learning culture, innovation.*

### INTRODUCTION

The contemporary workplace is characterized by unprecedented complexity, where solving multifaceted problems requires collective intelligence and collaborative effort. In this environment, success is no longer solely dependent on individual expertise but on a team's ability to share knowledge, adapt to new information, and innovate in real-time (Czarczynska, 2024). This shift places a premium on dynamic and interactive processes such as open dialogue, creative brainstorming, and the ability to learn quickly from setbacks. The capacity for a group to effectively leverage its combined skills has become a critical determinant of organizational resilience and competitive advantage in a rapidly evolving global landscape (Hansen et al., 2020). Despite the clear need for collaboration, many teams operate well below their potential due to an often-overlooked social dynamic: the absence of psychological safety. This concept, defined as a shared belief that the team is safe for interpersonal risk-taking, is the hidden architecture that either enables or stifles team contribution (Aggarwal et al., 2019). It is the foundation upon which candid conversations about mistakes, half-formed ideas, and dissenting opinions are built. Without it, the very behaviors essential for navigating complexity—such as asking for help, admitting uncertainty, or challenging a flawed plan—are perceived as being too personally risky for team members to undertake (Hannah et al., 2011).

The consequence of this silence is a significant performance gap. Teams may be composed of highly skilled individuals, but if they are operating in a climate of fear or judgment, their collective output will fail to reflect their true capability. Information becomes siloed, mistakes are hidden rather than corrected, and innovative ideas remain unspoken (Woolley et al., 2015). This creates a paradox where organizations invest in talent and technology but are unable to harness their full power because the social environment is psychologically unsafe, effectively acting as a silent barrier to achieving high performance (Woolley et al., 2015). The central problem is that many organizations and leaders fail to recognize psychological safety as a strategic imperative, instead misclassifying it as a peripheral "soft skill." This oversight leads to work environments where employees are discouraged from speaking up, resulting in unaddressed risks, stifled innovation, preventable errors, and ultimately, diminished team performance and organizational learning, despite ample individual talent and resources (Canonic et al., 2019; Czarczynska, 2024).

The primary objective of this article is to establish psychological safety as a foundational driver of team performance, rather than a secondary concern. It aims to systematically delineate the causal mechanisms through which a psychologically safe environment enables learning, innovation, and effectiveness, and to provide a practical framework for leaders to actively cultivate this critical culture within their teams, thereby unlocking their full collaborative potential.

## LITERATURE REVIEW

### Definition and differentiation of psychological safety

Psychological safety is fundamentally defined as a shared belief held by team members that the group environment is safe for interpersonal risk-taking. This means individuals feel confident that they can speak up with ideas, questions, concerns, or admit mistakes without fear of being punished, humiliated, or marginalized (Westover, 2025). It is crucial to clarify what psychological safety is not: it is not about mere politeness, artificial harmony, or lowering performance standards. On the contrary, it is about fostering a climate of radical candor and productive vulnerability, where the primary goal is achieving excellence through open dialogue, even when that dialogue is uncomfortable. This distinction is vital, as a psychologically safe environment often involves constructive conflict and direct feedback, all in service of achieving shared, ambitious goals (Hannah et al., 2011).

To further refine the concept, it is essential to differentiate it from related constructs. Firstly, psychological safety is often confused with trust, but they operate at different levels. Trust is typically an individual-level belief about another person's intentions and reliability (e.g., "I trust my manager") (Ashauer & Macan, 2013). Psychological safety is a team-level phenomenon concerning the group's climate and norms (e.g., "On this team, it's safe to speak up"). Secondly, psychological safety should not be mistaken for a lack of accountability; in fact, the two are complementary forces that create a "high-performance zone." High psychological safety combined with high accountability creates an environment where team members are both empowered to take risks and expected to deliver quality results, driving learning and excellence simultaneously (Purdy et al., 2023).

### How psychological safety fosters learning and innovation

Psychological safety serves as the critical engine for team learning and innovation by actively encouraging experimentation and intelligent risk-taking. In an environment devoid of fear, team members are more likely to propose novel solutions, test unconventional hypotheses, and venture beyond established procedures because the potential for a negative outcome is framed as a learning opportunity rather than a career-limiting failure (Jamal et al., 2023). This freedom to explore is essential for innovation, as it moves the team beyond incremental improvements and allows for the kind of groundbreaking discoveries that provide a competitive edge. When the fear of reprisal is removed, the team's collective intellectual curiosity is unleashed, driving a cycle of continuous exploration and improvement (Landis, 2019).

Furthermore, this safe environment transforms the very nature of failure, turning setbacks into valuable data rather than sources of blame. Teams with high psychological safety can conduct open and honest post-mortems after a project falters, systematically analyzing what went wrong without individuals needing to be defensive or conceal information (Landis, 2019). This process of collective sense-making ensures that the entire team learns from the experience, preventing the repetition of errors. Perhaps most importantly, psychological safety enables the sharing of "half-formed" or nascent ideas that are not yet fully developed. In many teams, these fragile ideas remain unspoken for fear of being judged prematurely; in a psychologically safe climate, they are offered to the group as raw material, which can then be refined, built upon, and polished through collaborative dialogue, often leading to the most creative and robust end results (Born & Caligiuri, 2024).

### How psychological safety enhances engagement and voice

A culture of psychological safety directly enhances employee engagement and voice by creating an environment where individuals feel genuinely empowered to contribute beyond their basic job duties. When employees believe their input is welcomed and valued, they are far more likely to speak up with process improvements that enhance efficiency, voice concerns about potential risks before they escalate, and share diverse perspectives that challenge entrenched ways of thinking (Ge, 2020). This empowerment transforms employees from passive executors of tasks into active, engaged co-owners of the team's outcomes. Their silence, which often stems from a calculated assessment of interpersonal risk, is replaced with proactive communication, ensuring that the team benefits from the full spectrum of its members' insights and observations (Elbir, 2024). This dynamic also effectively counteracts the phenomenon of "social loafing," where certain team members disengage and reduce their effort, relying on others to carry the workload. In a psychologically safe team, the norms of mutual respect and expected participation make it difficult for individuals to remain on the sidelines (George, 2018). Because everyone is

encouraged and feels safe to contribute, full participation becomes the standard. This does not mean that every idea is adopted, but that every voice is heard, fostering a sense of fairness and collective responsibility. Consequently, engagement deepens as each member sees that their unique contribution is a vital and expected part of the team's collaborative process, leading to a more distributed and resilient effort (Westover, 2025).

## METHODOLOGY

This article employs a conceptual review methodology to develop a theoretical framework for understanding how leaders can cultivate psychological safety to enhance team performance. The approach is not empirical but rather analytical and integrative, focused on synthesizing existing literature and theories to construct a coherent model. The analysis is built upon a foundation of seminal and contemporary scholarly works, primarily drawing from the research of Amy Edmondson on psychological safety, Timothy Clark's stages of psychological safety, and complementary studies on leadership, team dynamics, and organizational behavior.

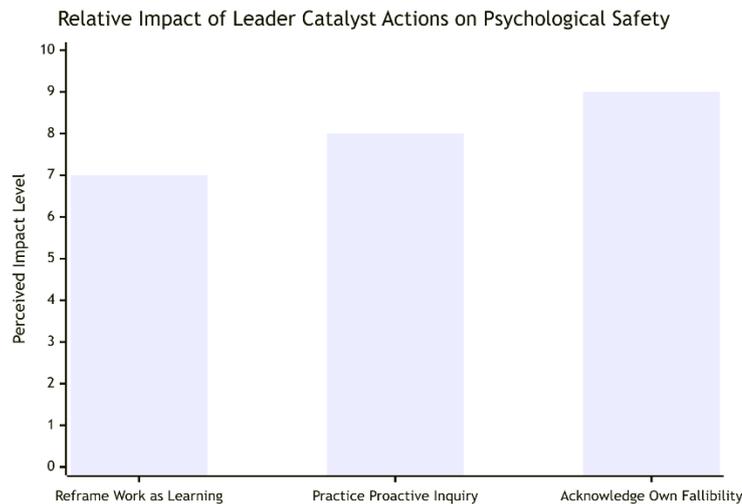
The analytical process involved a thematic synthesis of this literature to identify, compare, and integrate the core mechanisms through which leadership behaviors influence team climate and outcomes. This involved critically examining the proposed relationships between specific leader actions—categorized here as catalyst, model, and enforcer roles—and their subsequent impact on team learning, voice, and performance. The objective was not to aggregate statistical evidence but to construct a logically sound and practical framework that clarifies *how* and *why* these leadership strategies are effective, thereby providing a structured guide for both future research and leadership practice.

## RESULTS AND DISCUSSION

### Leader as Catalyst: Setting the Stage

The leader's primary role as a catalyst involves intentionally framing the team's work to enable psychological safety. This begins with explicitly defining work as a learning process, not merely an execution-only endeavor. By stating that the team's goal is to "figure out the best path forward" rather than just "execute the plan flawlessly," the leader legitimizes experimentation, questions, and course-corrections (Edmondson & Verdin, 2018). This foundational framing reduces the stigma around uncertainty and reinforces that the journey toward a goal involves collective problem-solving. Furthermore, the catalyst leader practices proactive inquiry by consistently asking questions like, "What are we missing?" or "What could go wrong here?" This moves beyond passively welcoming input to actively hunting for blind spots, signaling that every perspective is vital for the team's success and that silence is riskier than speaking up (Ashauer & Macan, 2013).

Perhaps the most powerful catalytic action a leader can take is to acknowledge their own fallibility. When a leader openly admits their own mistakes, gaps in knowledge, or what they have learned from a recent failure, they perform a crucial act of vulnerability. This demonstration dismantles the unrealistic expectation of leader infallibility and gives every other team member explicit permission to be human. It proves that admitting a "I don't know" or "I was wrong" is not a career-limiting move but a respected act of honesty that contributes to the team's learning (Burkus, 2024). By modeling this behavior, the leader effectively lowers the perceived risk for everyone else, setting the stage for a culture where the focus shifts from protecting one's ego to pursuing the best possible outcome (Elbir, 2024).



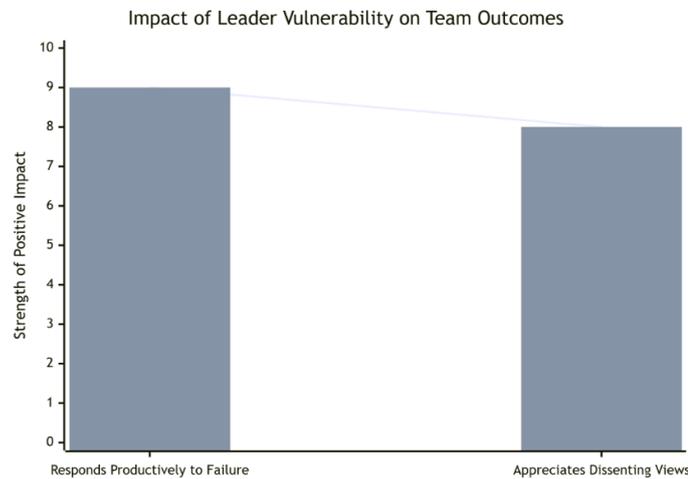
**Figure 1.** Relative Impact of Leader Catalyst Behaviors on Psychological Safety

The presented graph as shown in Figure 1 effectively illustrates a hierarchy of impact for the catalytic behaviors leaders can employ to foster psychological safety, revealing that while all three actions are important, their influence varies significantly. The foundational act of "Reframing Work as Learning" establishes the necessary intellectual justification for psychological safety but has the lowest impact score, as it is a conceptual frame that requires further action to become tangible. "Proactive Inquiry" demonstrates a higher impact by translating that frame into consistent behavior, actively signaling the leader's commitment to hearing all voices. However, the most powerful catalyst by a considerable margin is "Acknowledging Own Fallibility," as this act of personal vulnerability provides irrefutable, tangible proof that it is safe to be human, directly modeling the desired behavior and dismantling the fear of imperfection more effectively than any words or questions alone can achieve.

### **Leader as Model: Demonstrating Vulnerability**

A leader must move beyond setting the stage to actively modeling the behaviors they wish to see, with the most critical test being their response to bad news and failure. When a leader "shoots the messenger," they instantly demolish psychological safety and guarantee that future problems will be hidden (Hannah et al., 2011). Conversely, a leader who responds productively—by thanking the individual for their honesty, focusing on problem-solving rather than blame, and conducting blameless retrospectives—reinforces that the team is a safe unit for navigating challenges. This approach, often summarized as "focus on the faulty process, not the faulty person," ensures that failures become valuable learning data, creating a team that is more resilient, adaptive, and honest (Aggarwal et al., 2019).

Building on this, the leader as a model must express genuine appreciation for dissenting views and critical questions. In many teams, dissent is implicitly discouraged as being disruptive or disloyal. A leader committed to psychological safety, however, must actively seek and reward it. By saying, "Thank you for challenging that assumption; you've made us all think harder," the leader reframes dissent as a valuable act of collaboration (Burkus, 2024). This demonstrates that the leader's ego is subordinate to the team's mission and that the goal is not unanimous agreement but the soundest decision. This visible appreciation encourages cognitive diversity and ensures that the team does not fall prey to groupthink, ultimately leading to more robust and well-vetted outcomes (Woolley et al., 2015).



**Figure 2.** Impact of Leader Vulnerability Behaviors on Psychological Safety

The graph as shown in Figure 2 powerfully illustrates that a leader's tangible response to failure has the most significant impact on fostering psychological safety, scoring a 9/10, as it directly demonstrates that the team is a safe unit for navigating challenges and transforms setbacks into valuable learning data rather than sources of blame. The act of appreciating dissenting views, while slightly less impactful at 8/10, remains crucial for actively encouraging cognitive diversity and preventing groupthink, thereby leading to more robust decision-making. Together, these modeling behaviors, which center on the leader's visible vulnerability and ego-subordination to the team's mission, create a compelling and authentic example that psychological safety is not just permitted but genuinely valued, ultimately building a more resilient, adaptive, and honest team culture.

### Leader as Enforcer: Establishing Clear Norms

Finally, the leader must act as an enforcer to institutionalize psychological safety through clear norms and structures. This involves setting and upholding explicit boundaries for respectful dialogue and constructive conflict (Edmondson & Lei, 2014). It is not enough to hope for respectful interactions; the leader must establish rules of engagement, such as prohibiting interruptions, personal attacks, or dismissing ideas without consideration. By consistently enforcing these norms, the leader protects the conversational space and ensures that even heated debates remain focused on issues, not individuals. This creates a container where passionate, constructive conflict can occur safely, driving innovation without damaging relationships (Frazier et al., 2017).

Beyond establishing norms, the strategic leader creates structured opportunities for input and actively measures the team's climate. Not all team members are comfortable speaking up in open discussions. By implementing techniques like silent brainstorming or round-robin sharing, the leader ensures equitable participation, giving introverted or junior members a guaranteed voice (McClintock et al., 2022). Furthermore, to move beyond perception and gut feeling, the leader must "measure it." Using anonymous pulse surveys or climate assessments specifically focused on psychological safety provides tangible data on the team's health. This metrics-based approach allows the leader to track progress over time, identify specific issues, and hold themselves accountable for cultivating an environment where everyone can contribute their best work (Terry, 2019).

**Table 1.** The Leader as Enforcer: Institutionalizing Psychological Safety

Enforcement Mechanism	Specific Actions & Tools	Purpose & Outcome
Establishing Conversational Norms	Set explicit rules of engagement (e.g., no interruptions, no personal attacks). Prohibit the dismissal of ideas without consideration.  Consistently uphold these boundaries in meetings.	Creates a protected "container" for dialogue, ensuring constructive conflict remains focused on issues, not individuals, which builds trust and drives innovation.
Creating Structured Input Opportunities	Implement techniques like silent brainstorming and round-robin sharing. Design processes that guarantee equitable speaking time.	Ensures equitable participation by giving introverted or junior members a guaranteed voice, thereby accessing the team's full cognitive diversity.
Measuring the Team Climate	Use anonymous pulse surveys and specific psychological safety assessments. Track data over time to identify trends and issues.	Moves beyond gut feeling to a metrics-based approach, allowing the leader to hold themselves accountable and make data-informed interventions to improve the team's health.

**The common barriers to implementing psychological safety**

The successful cultivation of psychological safety faces several significant barriers, many of which are deeply embedded in traditional organizational paradigms. Rigid, hierarchical structures present a formidable challenge, as they often reinforce the notion that speaking up to those higher in the chain of command is insubordinate or career-limiting (Awar et al., 2023). This is frequently compounded by a prevailing culture of blame, where failures are treated as individual liabilities to be punished rather than systemic issues to be understood. In such environments, employees quickly learn that concealing errors is safer than reporting them, directly undermining the learning and transparency that psychological safety requires. These systemic issues create powerful inertia that is difficult to overcome with isolated team-level initiatives alone (Rosenbaum, 2019).

Further impediments reside within the individual leader. Leader insecurity and ego are perhaps the most personal and potent barriers; a manager who feels threatened by challenges to their authority or who derives their sense of worth from being the smartest person in the room will instinctively shut down the dissent and vulnerability that psychological safety demands (Edmondson & Lei, 2014) This is often justified by the persistent misconception that a safe environment leads to complacency and lowered standards. Leaders fearing a drop in performance may resist initiatives they perceive as "coddling" employees, failing to grasp the critical distinction between a comfortable environment and a candid one. This misunderstanding ignores the evidence that psychological safety is the very factor that enables the rigorous debate and ambitious risk-taking necessary for excellence, creating a paradox where the pursuit of high performance through control and fear ultimately sabotages its achievement (Neiswender et al., 2022).

**CONCLUSION**

In conclusion, the cultivation of psychological safety is not a peripheral initiative but a fundamental strategic imperative that directly catalyzes superior team performance. By systematically acting as a catalyst, model, and enforcer, leaders can create an environment where the learning behaviors essential for innovation—such as risk-taking, candid feedback, and collaborative problem-solving—can flourish. This requires a deliberate shift from a culture of blame to one of curiosity, where failures are treated as valuable data and dissenting opinions are actively sought as crucial contributions. The evidence is clear: when psychological safety is present, teams unlock higher levels of engagement, make more robust decisions, and demonstrate greater resilience and adaptability in the face of

complexity. Ultimately, building and sustaining psychological safety is an ongoing leadership responsibility and a competitive advantage. It moves beyond abstract concepts into tangible actions—from reframing work as a learning process to enforcing respectful norms and measuring team climate. Organizations that empower their leaders to prioritize this psychological foundation do not sacrifice performance standards; they create the very conditions that make excellence achievable. In an increasingly volatile business landscape, the ability to harness the collective intelligence, diverse perspectives, and full creative potential of every team member is the ultimate key to building a more innovative, agile, and successful organization.

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