



**RESEARCH PAPER**

**The Role of Gratitude in Coping with Uncertainty: A Qualitative Analysis**

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**ABSTRACT**

This study investigates the role of gratitude in managing uncertainty and its impact on psychological well-being. It explores how individuals use gratitude as a coping strategy during uncertain times and whether it alleviates anxiety, stress, and depression. Uncertainty is a major contributor to psychological disorders, and unpredictable events have been reported to increase stress. While gratitude has been shown to promote positive emotions and mental health, its ability to buffer the effects of uncertainty remains less explored. Using semi-structured interviews with 20 participants from Lahore, Pakistan, aged 18 to 65 years, this qualitative study examines how gratitude is practiced during uncertain periods. Thematic analysis revealed that gratitude enhances emotional resilience, fosters positive reframing, strengthens social bonds, and reduces anxiety and stress. Participants linked gratitude to a sense of control, purpose, and growth, with many expressing a greater appreciation for small joys. The study suggests integrating gratitude into mental health interventions, particularly for those facing uncertainty.

**Keywords:** Coping Mechanisms, Gratitude, Mental Health, Positive Psychology, Uncertainty

**Introduction**

The experience of uncertainty is a constant in human life, presenting itself in both mundane and profound ways, from daily anxieties about the future to larger existential concerns. As humans navigate through the complexities of life, uncertainty (often accompanied by feelings of insecurity and fear) becomes a central component of their emotional landscape (Lerner & Keltner, 2001). The psychological toll of uncertainty has been well-documented in a variety of settings, including clinical populations, natural disaster survivors, and individuals undergoing significant life changes. The inability to predict future events often leads to distress, anxiety, and a diminished sense of control, further exacerbating psychological vulnerability (Carleton, 2016).

While the negative effects of uncertainty on mental health are well-established, recent research in the field of positive psychology suggests that positive emotions and cognitive strategies may serve as protective buffers against such distress (Fredrickson, 2001). Among these strategies, gratitude has emerged as a particularly potent tool for enhancing psychological resilience (Wood et al., 2010). Gratitude is traditionally defined as a positive emotional response to the recognition of the good in one's life, often elicited by an act of kindness or appreciation from others (Emmons & McCullough, 2003). In the context of uncertainty, gratitude may serve as a psychological anchor, helping individuals shift focus from potential negative outcomes to the positive aspects of their current experiences.

While the relationship between gratitude and emotional well-being has been explored in various studies (Froh et al., 2011; Seligman et al., 2005), the specific connection between gratitude and the management of uncertainty has not been extensively investigated. This study aims to fill this gap by examining how gratitude functions as a coping mechanism for individuals facing uncertainty. By focusing on qualitative data, this research will provide deeper insights into the ways gratitude can alter individuals'

emotional responses during uncertain times, offering a new perspective on the role of positive emotions in mental health.

### **Gratitude in the Context of Uncertainty**

The experience of uncertainty often triggers emotional responses such as anxiety, stress, and rumination (Fournier et al., 2017). Uncertainty is intrinsically linked to feelings of powerlessness and vulnerability, particularly when individuals are unable to predict or control future events (Carleton, 2016). Traditional coping strategies often emphasize problem-solving and emotional regulation, yet such strategies may not always be effective in situations of persistent uncertainty. Gratitude, by contrast, encourages individuals to focus on what is positive and meaningful in the present moment, irrespective of future outcomes (Emmons & McCullough, 2003).

Research has shown that gratitude is associated with a range of positive psychological outcomes, including increased happiness, reduced depressive symptoms, and enhanced life satisfaction (Wood et al., 2010). In times of uncertainty, gratitude may help individuals reframe their experiences, shift attention away from negative thoughts about the future, and foster a sense of connection and purpose (Froh et al., 2011). By fostering a sense of appreciation for life's smaller, everyday moments, individuals may be better equipped to navigate periods of instability with greater emotional resilience.

This research explores the hypothesis that gratitude can mitigate the emotional toll of uncertainty, acting as a psychological resource that helps individuals maintain emotional balance in the face of unpredictable outcomes. Specifically, the study will investigate how gratitude influences mental health by buffering against anxiety and stress, promoting adaptive coping strategies, and enhancing overall psychological well-being.

## **Literature Review**

### **Theoretical Framework: Uncertainty and Psychological Distress**

Uncertainty is not merely a passing feeling; it is a fundamental aspect of the human experience. The inability to predict or control future events triggers anxiety, a feeling that has been well-explored in the psychological literature (Lerner & Keltner, 2001). Anxiety, particularly uncertainty intolerance, refers to an individual's inability to endure the discomfort of not knowing what lies ahead, and is associated with a heightened risk of developing anxiety disorders. In situations of chronic uncertainty, such as living through periods of social instability, financial insecurity, or ongoing health crises, individuals are at increased risk of experiencing both mental and physical health problems (Carleton, 2016).

Theories of cognitive appraisal suggest that uncertainty is perceived as threatening when individuals believe they lack the resources to cope with its consequences (Lazarus & Folkman, 1984). Thus, uncertainty triggers a stress response that can lead to negative emotional states, including anxiety, stress, and depression. Over time, prolonged exposure to uncertainty can have serious psychological consequences, impairing emotional regulation and well-being (Lerner & Keltner, 2001).

### **Gratitude as a Coping Mechanism**

In contrast to the negative effects of uncertainty, gratitude has been increasingly recognized for its ability to promote psychological health and resilience. Gratitude is conceptualized as both a trait (an enduring aspect of one's personality) and a state (a transient emotional experience) (McCullough et al., 2002). As a trait, gratitude is linked to greater life satisfaction, optimism, and well-being (Wood et al., 2010). As a state, gratitude

has been found to reduce negative emotional states, promote positive affect, and enhance social connectedness (Emmons & McCullough, 2003).

The association between gratitude and emotional regulation has important implications for coping with uncertainty. In times of stress and unpredictability, gratitude shifts individuals' focus from what is lacking to what is available, fostering a more optimistic view of the present (Froh et al., 2011). Studies have shown that gratitude interventions—such as keeping a gratitude journal or practicing gratitude exercises—can reduce symptoms of depression, increase happiness, and improve overall psychological well-being (Seligman et al., 2005; Emmons & McCullough, 2003).

Furthermore, gratitude fosters positive reframing, a cognitive strategy that allows individuals to reinterpret stressful or uncertain situations in a more constructive light (Niemann et al., 2020). In the context of uncertainty, this can involve focusing on the aspects of life that are stable or positive, even in the face of ambiguity. For example, rather than fixating on future worries, an individual might appreciate the support of family and friends, their own health, or other sources of comfort.

### **Gratitude and Mental Health**

The mental health benefits of gratitude are well-documented across various populations. In a longitudinal study, Emmons and McCullough (2003) found that participants who engaged in a daily gratitude practice reported increased levels of wellbeing and fewer symptoms of depression compared to those who focused on daily hassles or neutral topics. Similarly, Froh et al. (2011) demonstrated that gratitude was associated with higher levels of positive affect and greater emotional resilience in adolescents, particularly in high-stress environments.

Further, a meta-analysis by Wood et al. (2010) concluded that gratitude interventions significantly reduce depressive symptoms and increase life satisfaction across a range of clinical and non-clinical populations. These findings suggest that gratitude may serve as a protective factor against the negative psychological impacts of uncertainty, by fostering a greater sense of emotional balance and well-being.

### **Uncertainty, Gratitude, and Mental Health Outcomes**

While the relationship between uncertainty and negative emotional states is well-established, the interplay between uncertainty, gratitude, and mental health remains underexplored. Preliminary evidence suggests that gratitude may act as a buffer against the psychological effects of uncertainty. For example, research by Niemann et al. (2020) found that individuals who practiced gratitude during periods of stress reported lower levels of anxiety and greater emotional stability. This buffering effect is thought to be mediated by the positive reframing that gratitude encourages, as well as the increased social support and sense of control it fosters (Fournier et al., 2017).

## **Material and Methods**

### **Research Design**

This study employs a qualitative, exploratory design aimed at understanding how gratitude functions as a coping mechanism during uncertain times. Qualitative research is particularly useful in examining the complex, subjective experiences of individuals, as it allows for a deeper understanding of the lived experiences of participants (Creswell, 2013). Given the exploratory nature of the research question and the aim to capture the nuances of individuals' experiences with gratitude and uncertainty, a qualitative approach provides the flexibility needed to uncover insights that might not emerge through quantitative methods.

## **Sampling and Participants**

The participants in this study were selected using purposive sampling, a nonrandom selection method where participants are chosen based on specific characteristics that align with the research objectives (Patton, 2002). To ensure that the sample reflects a broad spectrum of experiences with uncertainty, participants were selected from diverse demographic backgrounds, including varying age groups, genders, and life circumstances.

A total of 20 participants were recruited from community organizations, online forums related to mental health, and university student groups from Lahore, Pakistan. The sample consisted of 10 females and 10 males, ranging in age from 18 to 65 years, with diverse socio-economic backgrounds and educational levels. Participants were included if they had experienced significant uncertainty in their lives, such as uncertainty related to health, job security, or social relationships. The exclusion criterion was any participant with a current diagnosis of a severe mental health disorder (e.g., schizophrenia, bipolar disorder) to ensure that the data primarily reflects responses from individuals experiencing uncertainty in a general psychological context, rather than those with more complex psychiatric needs.

## **Data Collection**

Data were collected through semi-structured interviews, a method that allows for both flexibility and depth in exploring participants' personal experiences and perspectives. Semi-structured interviews are particularly effective in qualitative research as they balance consistency with the opportunity for participants to elaborate on topics they find particularly meaningful (DiCicco-Bloom & Crabtree, 2006). The interview protocol was designed to explore several key areas:

1. **Experiences of uncertainty:** Participants were asked to describe the types of uncertainty they have faced in their lives (e.g., uncertainty about the future, uncertain health outcomes, or job instability).
2. **Coping strategies:** Participants were prompted to discuss the strategies they use to cope with uncertainty, including both positive and negative approaches.
3. **Role of gratitude:** The central focus of the interview was to understand how participants use gratitude during times of uncertainty. Questions probed the frequency of gratitude practices, how participants cultivate gratitude, and the perceived impact of gratitude on their emotional state during uncertain times.
4. **Psychological well-being:** Participants were asked to reflect on how their emotional well-being was affected by uncertainty, and whether gratitude had any impact on their anxiety, stress, or depression levels.

Each interview lasted approximately 60-90 minutes and was audio-recorded with participants' consent. The interviews took place in a private, comfortable setting, either in person or via video conferencing, depending on the participant's preference. Prior to each interview, participants were provided with informed consent detailing the study's purpose, confidentiality measures, and their right to withdraw at any time without consequence.

## **Data Analysis**

The data were analyzed using thematic analysis, a method commonly used in qualitative research to identify, analyze, and report patterns or themes within the data (Braun & Clarke, 2006). Thematic analysis was chosen for its flexibility and applicability to the research questions, as it allows for an in-depth exploration of participants' subjective experiences while identifying commonalities and differences across participants' accounts. The following steps were undertaken in the data analysis:

- **Transcription:** Audio recordings were transcribed verbatim, and transcripts were anonymized to ensure confidentiality.
- **Initial Coding:** The transcripts were read and re-read to familiarize the researchers with the content. Initial codes were generated by highlighting significant phrases, sentences, and words that were relevant to the research questions (e.g., mentions of “feeling better,” “feeling grounded,” or “helped me stay positive”).
- **Theme Development:** Codes were organized into potential themes related to the research objectives. For example, a theme might emerge around the emotional benefits of gratitude during uncertain times or the role of gratitude in fostering a sense of control.
- **Refinement:** Themes were reviewed and refined for coherence and to ensure they accurately reflected the participants' experiences. The final themes were then described in detail, with representative quotes selected to illustrate each theme.
- **Final Report:** The findings were written up in a final report, linking the themes back to the research questions and existing literature.

### **Ethical Considerations**

Ethical approval for this study was obtained from the university's institutional review board. Several ethical considerations were taken into account throughout the study:

- **Informed Consent:** Participants were fully informed about the study's objectives, the voluntary nature of participation, and the steps taken to ensure confidentiality. Written consent was obtained before data collection.
- **Confidentiality:** To protect participants' identities, all personal information was anonymized, and pseudonyms were used in the reporting of findings. Audio recordings and transcripts were stored securely.
- **Right to Withdraw:** Participants were reminded of their right to withdraw from the study at any point without any negative consequences.
- **Emotional Sensitivity:** Given the emotional nature of the topics discussed (e.g., uncertainty, mental health), participants were provided with resources for mental health support should they experience distress during the interview process.

### **Results and Discussion**

The thematic analysis yielded several key themes related to how gratitude functions as a coping mechanism in times of uncertainty. These themes provided insight into the emotional and psychological benefits of gratitude, as well as how it helps individuals navigate periods of instability and unpredictability. The following themes emerged from the data:

#### **Theme 1: Gratitude as a Source of Emotional Resilience**

Many participants reported that gratitude provided them with a sense of emotional resilience during uncertain times. For example, one participant shared:

“When I was laid off from my job, I didn't know what was going to happen next. But I started writing down things I was thankful for—little things like a walk in the park or my morning coffee. It didn't fix everything, but it helped me stay grounded.”

This finding supports the idea that gratitude can foster emotional resilience by helping individuals stay focused on positive aspects of life, even when facing uncertainty. Participants who practiced gratitude regularly reported feeling more equipped to cope with

stress, suggesting that gratitude can act as a buffer against the emotional toll of uncertainty (Froh et al., 2011).

### **Theme 2: Gratitude as a Reframing Tool**

A recurring theme among participants was the idea that gratitude helped them **reframe** their experiences of uncertainty in a more positive light. Several participants described how they used gratitude to shift their focus away from negative thoughts about the future and towards appreciating the present moment. As one participant explained:

“Instead of worrying about what might happen, I started thinking about all the things I had right now—my health, my friends, my family. It didn’t change the uncertainty, but it made it easier to cope with.”

This finding aligns with previous research by Niemann et al. (2020), which suggests that gratitude promotes positive reframing, a cognitive strategy that helps individuals reinterpret uncertain situations in a more constructive and optimistic way.

### **Theme 3: Gratitude’s Role in Reducing Anxiety and Stress**

Many participants noted that gratitude had a direct impact on reducing symptoms of anxiety and stress during uncertain periods. One participant shared:

“When I focus on being grateful, my anxiety goes down. It’s like my mind can’t focus on all the ‘what ifs’ when I’m thinking about the things I’m thankful for.”

This theme is consistent with findings from Seligman et al. (2005), who found that gratitude interventions significantly reduced symptoms of depression and anxiety in both clinical and non-clinical populations. By focusing on what is positive and stable, gratitude may help individuals manage their anxiety and feel less overwhelmed by uncertainty.

### **Theme 4: Gratitude Fostering a Sense of Control and Meaning**

Several participants reported that gratitude helped them regain a sense of control during uncertain times. This was particularly evident in stories where participants felt powerless in the face of an unpredictable future. By focusing on the things they were grateful for, they could regain a sense of agency. One participant stated:

“In a way, being grateful gave me control. I couldn’t control everything that was happening, but I could control what I chose to focus on. That made me feel like I had some power, even if it was small.”

This finding suggests that gratitude not only alleviates the emotional distress caused by uncertainty, but also fosters a sense of meaning and purpose, which is crucial for maintaining psychological well-being (Wood et al., 2010).

### **Theme 5: Social Connections and Gratitude as a Shared Experience**

Another important theme that emerged from the data was the role of gratitude in strengthening social connections during times of uncertainty. Several participants mentioned that expressing gratitude helped them build and reinforce relationships with others, which in turn provided emotional support and a sense of belonging. As one participant shared:

“In tough times, I started being more vocal about thanking my friends and family. I think it made them feel good, and it made me feel like we were all in this together. We’re not alone in this uncertainty.”

This theme emphasizes the social dimension of gratitude, where not only does expressing gratitude increase feelings of warmth and connection, but it also acts as a form of social bonding. Studies have shown that expressing gratitude strengthens social ties and contributes to greater social support, which is an essential buffer against stress and anxiety (Algoe, 2012). The sense of interconnectedness that gratitude fosters may be especially important when individuals face shared challenges, such as economic uncertainty or health crises.

### **Theme 6: Individual Differences in Gratitude Practices**

Although the overall trend suggested that gratitude was beneficial in coping with uncertainty, there were notable individual differences in how participants practiced gratitude and its perceived effectiveness. Some individuals engaged in formal gratitude practices, such as keeping a gratitude journal, while others simply practiced informal gratitude, such as mentally noting things they were thankful for. For instance, one participant stated:

“I do this nightly gratitude journaling where I write three things I’m thankful for. But some days I can’t even think of anything, so I just sit quietly and reflect for a few minutes. Both ways help me, but the journaling feels more structured.”

Another participant said:

“I don’t have a specific routine, but I try to remind myself of the good things every day—sometimes when I’m feeling stressed, sometimes just when I’m sitting down for a meal.”

These differences highlight the flexibility of gratitude as a coping mechanism; it can be tailored to fit individual preferences and schedules. Previous research has shown that the effectiveness of gratitude practices can depend on individual factors such as personality traits and prior experiences (Emmons & McCullough, 2003). This suggests that interventions aimed at fostering gratitude might benefit from being personalized or adapted to participants’ needs.

### **Theme 7: Gratitude and Personal Growth through Adversity**

Several participants expressed that their experiences of uncertainty, coupled with their gratitude practices, led to personal growth and a deeper sense of life purpose. For some, grappling with uncertainty brought about a re-evaluation of their priorities and values, and gratitude served as a tool for navigating these changes. One participant explained:

“The pandemic was such a huge period of uncertainty for me, but it also made me realize what really matters—family, health, connection. Gratitude helped me reframe everything and find meaning in the chaos. It’s made me more appreciative of what I have now.”

This theme is supported by the concept of post-traumatic growth, which suggests that individuals can experience significant personal development following adversity (Tedeschi & Calhoun, 2004). Gratitude has been associated with fostering a sense of appreciation for life’s positive aspects, which in turn can facilitate resilience and growth in the face of challenges (Carr, 2013). These findings underscore the idea that uncertainty,

while challenging, can also be an opportunity for reflection, growth, and deeper appreciation of life.

## **Discussion**

The results of this study support the hypothesis that gratitude can serve as a powerful coping mechanism during times of uncertainty. Specifically, the findings suggest that gratitude fosters emotional resilience, provides a reframing tool for uncertain experiences, reduces anxiety and stress, helps individuals regain a sense of control, strengthens social connections, and encourages personal growth. These findings are consistent with existing literature on the benefits of gratitude (e.g., Froh et al., 2011; Emmons & McCullough, 2003) and extend our understanding of how gratitude functions in the context of uncertainty.

### **Gratitude as Emotional Resilience**

The finding that gratitude promotes emotional resilience aligns with prior research that has highlighted the role of gratitude in enhancing psychological well-being (Emmons & McCullough, 2003). By focusing on positive aspects of life, even in the face of adversity, individuals are better able to manage emotional stress. The emotional resilience facilitated by gratitude may help individuals maintain a sense of psychological stability when faced with the unknown, which is particularly relevant in today's world of rapid change and unpredictability.

Incorporating gratitude into daily routines may help individuals buffer against the emotional fallout of uncertainty. Previous studies (e.g., Wood et al., 2010) have suggested that gratitude interventions, such as gratitude journaling, can increase positive emotions and decrease negative emotions, which may explain the emotional benefits reported by participants in this study.

### **Reframing Uncertainty through Gratitude**

The role of gratitude as a reframing tool for uncertainty is particularly noteworthy. Participants in this study described using gratitude to shift their perspective, focusing on the present moment and what they had, rather than what they lacked or feared losing. This cognitive reframing is a well-documented strategy for coping with stress and anxiety (Niemann et al., 2020), and it appears that gratitude can act as a tool for fostering this positive shift in thinking. The ability to reframe uncertainty in a more hopeful and positive light may be especially important for mitigating the negative effects of uncertainty on mental health.

### **Reducing Anxiety and Stress through Gratitude**

The reduction of anxiety and stress through gratitude practices is another significant finding. This supports earlier studies showing that gratitude interventions can reduce symptoms of depression and anxiety (Seligman et al., 2005). One potential explanation for this effect is that gratitude helps individuals shift their focus from fear of the unknown to appreciation of the present, which may lower physiological arousal associated with anxiety. Given the increasing rates of anxiety and stress in the general population, particularly during uncertain times such as the COVID-19 pandemic, gratitude-based interventions may offer a promising, low-cost strategy for improving mental health.

### **Social Connections and Gratitude**



The finding that gratitude strengthens social bonds during times of uncertainty is also significant. Gratitude has been shown to promote prosocial behavior and enhance interpersonal relationships (Algoe, 2012). The sense of connectedness and mutual support that gratitude fosters can be particularly important in coping with collective uncertainty, such as that experienced during global crises. By expressing gratitude, individuals not only benefit personally but also contribute to the well-being of others, creating a cycle of support and positive reinforcement. This emphasizes the social function of gratitude as a mechanism for building and maintaining strong relationships during difficult times.

### **Gratitude and Personal Growth**

Finally, the theme of personal growth through gratitude practices underscores the potential for individuals to emerge from uncertainty stronger and more appreciative of life's positive aspects. This finding is consistent with the concept of post-traumatic growth (Tedeschi & Calhoun, 2004), which posits that individuals can experience profound personal transformation following adversity. By cultivating gratitude during periods of uncertainty, individuals may not only cope with stress but also develop a deeper sense of meaning and purpose, ultimately leading to greater psychological well-being.

### **Conclusion**

This study underscores the significant role gratitude plays as a psychological resource in managing uncertainty and its associated emotional strain. By fostering a mindset of appreciation, gratitude allows individuals to shift their focus away from the anxiety induced by the unknown and towards a more positive, grounded view of the present. Participants in the study expressed that gratitude practices helped them mitigate feelings of stress and fear, offering a sense of emotional balance even amidst unpredictable circumstances. The reframing effect of gratitude (shifting attention from what is lacking or uncertain to what is meaningful and stable) seemed to support participants in maintaining emotional equilibrium and enhancing their resilience. This ability to reframe experiences is a key finding of this study, emphasizing how gratitude can provide a psychological buffer against negative emotions like worry, frustration, and helplessness.

Furthermore, the social dimension of gratitude emerged as an essential factor in the coping process. Participants noted that expressing gratitude not only helped them maintain personal emotional balance but also strengthened social bonds. The act of sharing moments of appreciation deepened relationships, creating a supportive network that provided additional coping resources during times of uncertainty. In this way, gratitude functioned not just as an individual coping strategy but also as a relational tool, promoting connectedness and solidarity. Additionally, gratitude helped individuals find meaning in their experiences, contributing to personal growth and a sense of purpose in the face of adversity. Taken together, these findings suggest that gratitude is a multifaceted and powerful tool for managing uncertainty, with implications for both personal well-being and social dynamics. Integrating gratitude-based interventions into therapeutic and community settings could help individuals build resilience, improve mental health, and foster stronger social ties, ultimately enhancing their ability to cope with future challenges.

### **Recommendations**

Based on the findings of this study, several recommendations can be made for individuals and mental health professionals:

- **Promote Gratitude Practices:** Individuals facing uncertainty should be encouraged to incorporate gratitude practices into their daily lives, such as journaling, mindfulness, or simply taking moments to reflect on what they are grateful for. These practices can help foster emotional resilience and reduce stress.

- **Integrate Gratitude into Mental Health Interventions:** Mental health professionals may consider incorporating gratitude interventions into therapeutic practices, especially for clients dealing with anxiety, stress, or depressive symptoms related to uncertainty. Gratitude-focused interventions can be a valuable adjunct to traditional therapeutic methods.
- **Encourage Social Support Networks:** Given the social benefits of gratitude, individuals should be encouraged to express gratitude within their social networks, as this can strengthen bonds and provide emotional support during challenging times.
- **Educate on the Benefits of Gratitude:** Public health campaigns could educate individuals about the mental health benefits of gratitude and encourage the practice of gratitude as a simple, cost-effective way to improve psychological well-being, particularly in the face of uncertainty.

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