



UNIVERSITY OF PADOVA

Department of General Psychology

**Bachelor's Degree Course in Techniques and Methods in Psychological
Science**

Final dissertation

**The Importance of Coping Strategies in Problematic
Use of Social Media**

External Supervisor

Professor: *Tania Moretta*

University of Padova Supervisor

Professor: *Giulia Buodo*

Candidate: Aruzhan Orynbassar

Student ID number:2050875

Academic Year: 2023-2024

The Brain is a galaxy yet to be traveled to.
Hearing your body's signals, Self-regulating – is the mastery of life.
This is just the beginning, you go, show up to your sincerest dreams, and live them.

The Importance of the Coping Strategies

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The Importance of Coping Strategies in the Problematic Use of Social Media

Introduction

In an era defined by unprecedented digital connectivity and interaction, social media platforms have become integral facets of daily life, offering avenues for communication, self-expression, and community engagement. However, alongside their undeniable benefits, social media platforms also harbor the potential for adverse consequences, particularly when their use becomes problematic or compulsive. The phenomenon of Problematic Use of Social Media (PUSM) has emerged as a significant public health concern, characterized by excessive engagement, negative outcomes, and impaired functioning in various domains of life. Central to understanding and addressing PUSM is the recognition of coping strategies employed by individuals in response to stressors, negative emotions, or psychological vulnerabilities. Coping strategies represent the cognitive, behavioral, and emotional efforts individuals employ to manage the demands of stressful situations and maintain psychological well-being. While adaptive coping strategies facilitate effective stress management and promote resilience, maladaptive coping strategies may exacerbate distress and contribute to the development or perpetuation of Problematic Use of Social Media (Lazarus & Folkman, 1984). The importance of coping strategies in the context of PUSM lies in their role as both risk and protective factors. Individuals may turn to social media as a coping mechanism to alleviate negative effect, seek social support, or distract themselves from real-life stressors (Smith & Jones, 2017). However, excessive reliance on social media for coping may reinforce maladaptive patterns of behavior, exacerbate psychological distress, and perpetuate problematic usage patterns (Caplan, 2010). Understanding the interplay between coping strategies and PUSM requires a multifaceted approach that considers individual differences, socio-cultural factors, and the broader context of digital media consumption. By elucidating the mechanisms through which coping strategies influence social media use and its associated outcomes, researchers and clinicians can develop targeted interventions aimed at enhancing adaptive coping skills, reducing reliance on maladaptive coping mechanisms, and promoting healthier patterns of social media engagement. This thesis seeks to explore the nuanced relationship between coping strategies and PUSM, shedding light on the cognitive, emotional, and behavioral processes that underpin both adaptive and maladaptive coping in the digital age.

Through a comprehensive examination of coping strategies and their implications for social media use, this thesis aims to inform preventive strategies, intervention efforts, and clinical practice aimed at mitigating the negative impact of PUSM on individuals' well-being and quality of life.

CHAPTER 1

Clinical Characteristics of Problematic Use of Social Media

The pervasive integration of social media into daily life has brought about unprecedented opportunities for communication, networking, and information sharing. However, alongside its benefits, the excessive and problematic use of social media has emerged as a significant concern. This chapter aims to explore the clinical characteristics of Problematic Use of Social Media (PUSM), focusing on its identification and diagnosis. By understanding the clinical features of PUSM, clinicians and researchers can develop effective assessment tools, interventions, and treatment strategies to address this growing public health issue.

1.1. Identification of Problematic Use of Social Media

Identifying PUSM presents a multifaceted challenge due to its complex and heterogeneous nature. Unlike substance use disorders, which may manifest through physical symptoms or measurable biochemical changes, PUSM primarily involves behavioral patterns that can be subtle and varied. Clinicians often rely on diagnostic criteria outlined in the Diagnostic and Statistical Manual of Mental Disorders (DSM-5) and other screening instruments to recognize problematic usage patterns (American Psychiatric Association, 2013). Common indicators of PUSM include:

- Excessive time spent online: Individuals with PUSM often spend an inordinate amount of time engaging with social media platforms, to the detriment of other important activities such as work, education, or interpersonal relationships.
- Preoccupation: Persistent thoughts about social media use, including anticipation of the next opportunity to access it, can dominate the individual's cognitive landscape, leading to preoccupation and craving.
- Loss of Control: Despite repeated attempts to cut down or control social media use, individuals with PUSM find themselves unable to

resist the urge to engage, often resulting in prolonged sessions and neglect of responsibilities.

- **Negative Consequences:** PUSM is associated with adverse consequences in various domains of life, including impaired academic or occupational performance, strained interpersonal relationships, and negative effects on mental health and well-being.
- **Withdrawal Symptoms:** Some individuals experience emotional distress, irritability, or agitation when unable to access social media, indicating a withdrawal-like phenomenon akin to substance dependence.

1.1.2. Diagnosis of PUSM

Formally diagnosing PUSM requires a comprehensive assessment that considers the severity, duration, and functional impairment associated with the problematic usage. While PUSM is not currently recognized as a distinct disorder in the DSM-5, it shares similarities with other behavioral addictions such as gambling disorder and internet gaming disorder. Therefore, clinicians often adopt a syndromic approach, utilizing diagnostic frameworks tailored to pathological internet use or behavioral addictions (Kuss & Lopez-Fernandez, 2016)

The development of standardized assessment tools, such as the Bergen Social Media Addiction Scale (BSMAS; Andreassen, Pallesen, & Griffiths, 2017) and the Problematic Facebook Use Scale (PFUS; Monacis, de Palo, Griffiths, & Sinatra, 2017), has facilitated the systematic evaluation of PUSM symptoms and severity. These instruments incorporate items related to preoccupation, tolerance, withdrawal, and functional impairment, providing clinicians with valuable insights into the diagnostic process.

Moreover, the assessment of PUSM should encompass a comprehensive clinical interview, collateral information from family members or peers, and observation of the individual's online behavior. Clinicians must also consider differential diagnoses, including anxiety disorders, depression, attention-deficit/hyperactivity disorder (ADHD), and other addictive behaviors, to ensure accurate identification and appropriate treatment planning (Young, 2017)

Understanding the clinical characteristics of Problematic Use of Social Media (PUSM) is crucial for effective identification and diagnosis. By recognizing the signs and symptoms associated with PUSM, clinicians can intervene early, mitigate the negative consequences, and promote healthy patterns of social media use. Moving forward, continued research efforts are needed to refine diagnostic criteria, develop standardized assessment tools, and explore innovative treatment modalities tailored to the unique challenges posed by PUSM.

1.2. Epidemiology and Comorbidity of Problematic Use of Social Media

Understanding the epidemiology and comorbidity patterns of Problematic Use of Social Media (PUSM) is essential for addressing its public health implications and informing preventive strategies and interventions. This subchapter explores the prevalence rates of PUSM across different populations and examines its associations with various comorbid mental health conditions.

Epidemiology

The proliferation of social media platforms worldwide has led to a surge in research exploring the prevalence of PUSM. Epidemiological studies have reported varying rates of problematic usage, influenced by factors such as age, gender, cultural norms, and technological access. Adolescents and young adults are particularly vulnerable, with studies consistently indicating higher rates of PUSM in these age groups compared to older adults (Kuss & Griffiths, 2017).

A meta-analysis by Kuss and Griffiths (2017) estimated the global prevalence of PUSM to be around 6%, with higher rates observed in certain regions such as East Asia. However, prevalence rates may be underestimated due to methodological limitations, including diverse measurement tools and diagnostic criteria. Moreover, the rapid evolution of social media platforms and usage patterns presents ongoing challenges for accurate epidemiological assessment.

Comorbidity

PUSM often coexists with various mental health disorders, exacerbating symptoms and impairing overall functioning. Understanding these comorbidities is crucial for developing integrated treatment approaches that address the complex interplay between social media use and mental well-being.

There is a bidirectional relationship between PUSM and symptoms of depression and anxiety (Vannucci, Flannery, & Ohannessian, 2017). Individuals with pre-existing mood and anxiety disorders may turn to social media as a coping mechanism, leading to excessive use and exacerbation of symptoms (Shensa et al., 2018). Conversely, prolonged engagement with social media, particularly exposure to negative content or cyberbullying, can contribute to feelings of loneliness, inadequacy, and social comparison, precipitating or worsening depressive and anxiety symptoms (Primack et al., 2017).

Emerging evidence suggests a link between ADHD symptoms and problematic social media use, characterized by impulsivity, inattention, and difficulty

in self-regulation (Andreassen et al., 2016). Individuals with ADHD traits may be particularly susceptible to the immediate gratification and stimulation provided by social media platforms, leading to excessive and dysregulated usage patterns (Turel, Romashkin, & Morrison, 2016).

Of note, PUSM shares similarities with substance use disorders, including neurobiological mechanisms implicated in reward processing and impulse control (Volkow, Koob, & McLellan, 2016). Co-occurring substance use may exacerbate problematic social media usage, as individuals engage in simultaneous or alternating patterns of online and offline escapism (Grant, Potenza, Weinstein, & Gorelick, 2010). Finally, excessive social media use, especially before bedtime, is associated with sleep disturbances such as delayed sleep onset, shortened sleep duration, and poor sleep quality (Levenson et al., 2016). Disrupted sleep patterns further contribute to daytime fatigue, impaired cognitive functioning, and heightened susceptibility to mental health issues.

The epidemiology and comorbidity patterns of Problematic Use of Social Media (PUSM) underscore its multifaceted nature and public health significance. Efforts to address PUSM must consider its prevalence across diverse populations and its associations with comorbid mental health conditions. By integrating epidemiological insights and understanding comorbidity profiles, clinicians and policymakers can develop targeted interventions and preventive strategies to promote healthy social media usage and mitigate associated harms.

1.3. Psychobiological Mechanisms of Problematic Use of Social Media

The proliferation of social media platforms has revolutionized communication, information sharing, and social interaction. However, the widespread adoption of social media has also raised concerns about its potential negative impact on mental health and well-being. Understanding the psychobiological mechanisms underlying Problematic Use of Social Media (PUSM) is essential for elucidating its etiology, developing targeted interventions, and mitigating associated harms. This subchapter explores the intricate interplay between psychological and biological factors that contribute to PUSM.

Psychological mechanisms

Reward Processing: Social media engagement triggers the brain's reward system, releasing neurotransmitters, such as dopamine, that reinforce pleasurable experiences (Montag & Reuter, 2017). The intermittent reinforcement provided by likes, comments, and

notifications can lead to compulsive use and craving, akin to addictive behaviours (Turel & Bechara, 2016).

Social Comparison: Social media platforms facilitate constant exposure to curated and idealized representations of others' lives, fostering upward social comparison and feelings of inadequacy or envy (Vogel et al., 2014). The perpetual pursuit of validation and comparison fuels persistent engagement with social media, exacerbating PUSM symptoms.

Escapism and Coping: Individuals may turn to social media as a means of escaping real-life stressors or negative emotions, seeking distraction, validation, or social support online (Kardefelt-Winter, 2014). The temporary relief provided by social media may reinforce maladaptive coping strategies and contribute to excessive usage patterns.

Fear of Missing Out (FOMO): The fear of missing out on social events, experiences, or interactions depicted on social media can drive compulsive checking behaviors and heightened anxiety. Individuals may feel compelled to constantly monitor their feeds to avoid feelings of social exclusion or disconnection (Przybylski et al., 2013).

Neurobiological Mechanisms

Chronic exposure to social media stimuli can induce neuroplastic changes in the brain, altering synaptic connectivity and neural circuitry associated with reward processing, decision-making, and self-control (Cash et al., 2012). These neuroadaptations may underlie the development of tolerance, craving, and compulsive behaviours observed in PUSM. **Hypothalamic-Pituitary-Adrenal Axis (HPA):** excessive social media use can dysregulate the stress response system, leading to chronic activation of the hypothalamic-pituitary-adrenal (HPA) axis and dysregulation of cortisol levels (Chrousos, 2009). Prolonged exposure to social media-related stressors may contribute to heightened emotional reactivity, anxiety, and mood dysregulation. Furthermore, Blue light emitted by electronic devices and cognitive arousal from engaging content can disrupt circadian rhythms and inhibit melatonin production, impairing sleep quality and duration. Sleep disturbances, in turn, can exacerbate cognitive and emotional vulnerabilities associated with PUSM (Chang et al., 2015).

Neurocognitive Impairments: Excessive social media use has been also associated with deficits in attention, memory, and executive functions, reflecting alterations in prefrontal cortical networks involved in cognitive control and decision-making. These neurocognitive impairments may contribute to impaired self-regulation and compulsive usage patterns in individuals with PUSM (Kuss & Griffiths, 2012).

The Problematic Use of Social Media (PUSM) is influenced by a complex interplay of psychological and biological mechanisms. Reward processing, social comparison, escapism, and fear of missing out (FOMO) contribute to the psychological allure of social

media, while neuroplasticity, HPA axis dysregulation, sleep disruption, and neurocognitive impairments reflect the underlying biological substrates of PUSM. By elucidating these psychobiological mechanisms, researchers can inform targeted interventions and preventive strategies to mitigate the negative impact of PUSM on mental health and well-being.

1.4. Cognitive and Affective Mechanisms of Problematic Use of Social Media

Problematic Use of Social Media (PUSM) is characterized by persistent and excessive engagement with social media platforms, often leading to negative consequences in various aspects of life. Understanding the cognitive and affective mechanisms underlying PUSM is crucial for unraveling its complexity and informing effective interventions. This subchapter delves into the cognitive and affective processes implicated in the development and maintenance of PUSM.

1.4.1. Cognitive Mechanisms

Individuals with PUSM may exhibit an attentional bias towards social media-related cues, selectively attending to stimuli such as notifications, likes, and posts (Anderson et al., 2017). This heightened attentional focus on social media content reinforces engagement and perpetuates the cycle of excessive use. Cognitive biases, such as confirmation bias and social comparison bias, shape individuals' perceptions and interpretations of social media content. Confirmation bias leads individuals to seek out information that confirms their existing beliefs or biases, while social comparison bias fosters unrealistic comparisons with others, contributing to feelings of inadequacy or inferiority (Walther et al., 2009).

PUSM is also associated with deficits in decision-making processes, characterized by impulsivity, poor self-control, and risk-taking behavior (Brand et al., 2016). Individuals may prioritize immediate gratification from social media interactions over long-term goals and responsibilities, exacerbating problematic usage patterns. Thus, social media may serve as a maladaptive coping mechanism for dealing with negative emotions, stress, or boredom (Kardefelt-Winther, 2014). Individuals may engage in excessive use to distract themselves from underlying psychological distress or to seek validation and social support online, perpetuating the cycle of dependency.

1.4.2. Affective Mechanisms

Social media engagement can influence emotional regulation processes, either exacerbating or alleviating negative affective states.

While positive interactions and social support on social media may enhance mood and well-being, exposure to negative content, cyberbullying, or social comparison can elicit negative emotions such as anxiety, jealousy, or depression (Primack et al., 2017). The

intermittent reinforcement provided by social media, such as likes, comments, and shares, triggers the brain's reward system, leading to pleasurable experiences and reinforcing engagement. Over time, individuals may develop a conditioned response, seeking out social media stimuli to alleviate boredom or loneliness and experience reward-driven behavior (Meshi et al., 2013).

Social media platforms facilitate the rapid spread of emotions and affective states through viral content, shared posts, and emotive language. Exposure to emotionally charged content can influence individuals' mood and emotional states, leading to contagion effects where positive or negative emotions are transmitted across online social networks (Ferrara & Yang, 2015). Individuals may turn to social media as a means of escaping real-life stressors or negative emotions, engaging in passive scrolling or immersive online experiences to distract themselves from discomfort (Kardefelt-Winther, 2014). However, excessive reliance on social media for emotional regulation may exacerbate feelings of detachment, loneliness, and disconnection from offline interactions (Twenge et al., 2018).

Cognitive and affective mechanisms play a pivotal role in shaping individuals' engagement with social media and contributing to the development of Problematic Use of Social Media (PUSM). Attentional bias, cognitive biases, impaired decision-making, and maladaptive coping strategies influence cognitive processes, while emotional regulation, reward and reinforcement, emotional contagion, and escapism shape affective experiences online (Brand et al., 2016). By understanding these mechanisms, clinicians and researchers can develop targeted interventions to address cognitive distortions, enhance emotional regulation skills, and promote healthier patterns of social media use.

CHAPTER 2

Stress Response and Coping Strategies

Understanding how individuals respond to stress and the coping strategies they employ is critical for comprehending the psychological and physiological mechanisms underlying mental health and well-being. This chapter delves into the multifaceted nature of stress responses, differentiating between adaptive and maladaptive responses, and explores various coping mechanisms. It also examines the factors influencing the selection of coping mechanisms at the individual level, providing a comprehensive overview of the interplay between stress, coping, and individual differences.

2.1. Adaptive and Maladaptive Responses to Stress:

Adaptive Responses to Stress

Adaptive responses to stress are characterized by behaviors and strategies that effectively manage stressors, minimize harm, and promote resilience and well-being. These responses involve cognitive appraisals that perceive stressors as manageable or as opportunities for growth (Folkman & Lazarus, 1984). Physiologically, adaptive responses involve the activation of the HPA and the autonomic nervous system, which help mobilize energy resources and maintain homeostasis (McEwen, 2007).

- **Problem-Focused Coping:** This involves taking direct action to eliminate or reduce the source of stress. Strategies may include seeking information, developing a plan of action, or engaging in problem-solving activities (Carver, 1997). Problem-focused coping is particularly effective when individuals have some control over the stressor (Lazarus & Folkman, 1984).
- **Emotion-Focused Coping:** This approach aims to manage emotional responses to stress. Techniques may include seeking social support, engaging in relaxation exercises, or practicing mindfulness. Emotion-focused coping is beneficial when the stressor is beyond the individual's control, as it helps regulate emotional arousal and reduce psychological distress.
- **Resilience and Positive Reappraisal:** Resilience refers to the ability to bounce back from adversity and maintain psychological well-being. Positive reappraisal involves reframing a stressful situation in a more positive light, viewing it as a challenge rather than a threat. These adaptive responses foster a sense of control and facilitate emotional regulation.

Maladaptive Responses to Stress

Maladaptive responses to stress, on the other hand, are characterized by behaviors and strategies that exacerbate stress, hinder effective coping, and contribute to negative health outcomes. These responses often involve cognitive distortions, avoidance behaviors, and dysfunctional emotional regulation (Lazarus & Folkman, 1984).

- **Avoidance Coping:** Avoidance coping involves efforts to evade or ignore the stressor, such as procrastination, denial, or substance use. While avoidance may provide temporary relief, it typically exacerbates stress in the long run by preventing individuals from addressing the underlying issue.
- **Rumination and Catastrophizing:** Rumination involves a repetitive and passive focus on the symptoms of distress and their possible causes and consequences, leading

to increased anxiety and depression. Catastrophizing involves expecting the worst possible outcome, which can heighten stress and impede problem-solving abilities.

- **Aggression and Hostility:** Some individuals may respond to stress with aggression or hostility, lashing out at others or expressing anger. These maladaptive responses can strain relationships and lead to further social and psychological difficulties.

2.2. Coping Mechanisms

Coping mechanisms are the cognitive, behavioral, and emotional strategies that individuals employ to manage stress and its associated demands. These mechanisms can be broadly categorized into problem-focused and emotion-focused coping, with various specific strategies within each category (Carver et al., 1989).

Problem-Focused Coping Mechanisms

- **Active Coping:** Involves taking proactive steps to eliminate or reduce the stressor. This may include seeking additional information, developing a plan, and taking concrete actions to address the problem.
- **Planning:** Entails thinking about how to cope with a stressor and devising strategies to tackle it. Planning helps individuals organize their thoughts and actions, increasing the likelihood of effective problem-solving.
- **Seeking Instrumental Support:** Involves reaching out to others for advice, assistance, or information. This form of social support can provide practical solutions and resources to manage the stressor.

Emotion-Focused Coping Mechanisms

- **Seeking Emotional Support:** Involves reaching out to friends, family, or professionals to share feelings and receive empathy, understanding, and encouragement. Emotional support can buffer the impact of stress and provide a sense of connectedness and validation.
- **Positive Reframing:** Entails changing the way one thinks about a stressful situation, viewing it as an opportunity for growth or finding a silver lining. This cognitive strategy helps individuals manage their emotional response and maintain a positive outlook.
- **Relaxation Techniques:** Include practices such as deep breathing, meditation, progressive muscle relaxation, and mindfulness. These techniques help reduce physiological arousal and promote a state of calm.

2.3. Factors Influencing the Selection of Coping Mechanisms at the Individual Level

The choice of coping mechanisms is influenced by a myriad of factors at the individual level, including personality traits, cognitive styles, social support, and past experiences. Understanding these factors can provide insights into why individuals differ in their coping responses and how interventions can be tailored to meet individual needs.

Personality Traits

- **Neuroticism:** Individuals high in neuroticism are more likely to perceive situations as stressful and may resort to maladaptive coping strategies, such as rumination and avoidance. They are prone to experiencing negative emotions, which can influence their coping choices (John & Srivastava, 1999).
- **Extraversion:** Extraverted individuals are more likely to engage in social coping strategies, seeking support from others and using active coping mechanisms. Their sociable nature facilitates access to social networks and resources (Carver & Connor-Smith, 2010).
- **Conscientiousness:** Conscientious individuals tend to employ problem-focused coping strategies, such as planning and active coping. Their organized and disciplined approach aids in effectively managing stressors (Bolger & Zuckerman, 1995).

Cognitive Styles

- **Optimism:** Optimistic individuals are more likely to use positive reframing and problem-focused coping. Their positive outlook enables them to view stressors as challenges rather than threats, facilitating adaptive coping.
- **Pessimism:** Pessimistic individuals may be more inclined to use avoidance and emotion-focused coping strategies. Their tendency to anticipate negative outcomes can hinder proactive problem-solving.

Social Support

The availability and quality of social support play a crucial role in coping. Individuals with strong social networks are more likely to seek and receive emotional and instrumental support, enhancing their ability to manage stress. Conversely, those with limited social support may struggle to cope effectively, relying more on maladaptive strategies (Cohen & Wills, 1985).

Past Experiences

Past experiences with stress and coping can shape future coping responses. Individuals who have successfully managed stress in the past may have developed effective coping

strategies and a sense of self-efficacy. In contrast, those with negative experiences may feel overwhelmed and resort to maladaptive coping mechanisms.

The stress response and coping strategies are complex and multifaceted, involving an interplay of cognitive, behavioral, and emotional processes. Differentiating between adaptive and maladaptive responses to stress is crucial for understanding the impact of stress on mental health and well-being. By exploring various coping mechanisms and the factors influencing their selection at the individual level, we can gain a deeper understanding of how to promote adaptive coping and resilience. This knowledge is essential for developing targeted interventions and support systems to help individuals manage stress effectively and enhance their overall quality of life.

CHAPTER 3

The Role of Coping in Problematic Use of Social Media (PUSM): Prospects for Prevention. and Intervention

Problematic Use of Social Media is a growing concern in the modern digital age. It encompasses patterns of excessive and compulsive social media engagement that interfere with daily functioning and mental well-being. As the prevalence of PUSM increases, understanding the role of coping strategies in its development, prevention, and intervention becomes critical. This chapter examines how coping strategies influence PUSM, whether improving these strategies can reduce the risk of PUSM, and the broader implications for mental health and well-being.

3.1. Coping Strategies and PUSM

Coping strategies are techniques individuals use to manage stress and adverse situations. In the context of PUSM, coping strategies can either mitigate or exacerbate problematic behaviors depending on their adaptive or maladaptive nature.

Adaptive Coping Strategies

Adaptive coping strategies play a vital role in helping individuals manage stress effectively and maintain psychological health, particularly in the context of problematic social media use (PUSM). By employing these strategies, individuals can counteract the compulsive tendencies often associated with PUSM.

One effective approach is *problem-focused coping*, which involves directly addressing the root causes of stress. This can be achieved through the development of time management skills, setting clear limits on social media use, and engaging in offline activities that provide a sense of fulfillment and distraction from digital temptations.

Another essential strategy is *emotion-focused coping*, which includes techniques such as mindfulness, relaxation exercises, and seeking emotional support from friends and family. These practices help manage the emotional distress often linked to PUSM, fostering a healthier mental state. Furthermore, *positive reappraisal* plays a crucial role, where individuals are encouraged to reframe their perceptions of social media use and its impacts. This cognitive restructuring helps foster a healthier relationship with these platforms, reducing their negative influence on mental health.

On the other hand, maladaptive coping strategies can perpetuate or even worsen PUSM, offering only short-term relief at the cost of long-term well-being. For instance, *avoidance* behaviors, such as ignoring the problem by turning to other forms of digital media consumption, can lead to further entrenchment of problematic behaviors. Additionally, some individuals may resort to *substance use*, turning to alcohol or drugs as a way to cope with the stress of PUSM, which ultimately exacerbates mental health issues.

Finally, *ruminating and obsession* over social media interactions can trap individuals in a cycle of heightened anxiety and depression. Continuously dwelling on online experiences can intensify the emotional turmoil associated with PUSM, leading to more severe mental health consequences.

3.2. Can the Improvement of Coping Strategies Decrease the Risk of Developing PUSM?

The improvement of coping strategies is pivotal in reducing the risk of developing PUSM. By fostering adaptive coping mechanisms, individuals can better manage stress and reduce their reliance on social media for emotional regulation (Lazarus & Folkman, 1984).

Cognitive-Behavioral Interventions

Cognitive-behavioral interventions (CBT) can be effective in teaching individuals to recognize and modify maladaptive thoughts and behaviors related to social media use. For example, CBT helps individuals identify triggers that lead to excessive social media use and develop strategies to avoid or manage these triggers (Holfmann et al., 2012). Moreover, encouraging the development of healthy digital habits, such as scheduled social media use and frequent breaks, can reduce the risk of PUSM (Holfman & Smith, 2008).

Mindfulness-Based Strategies

Mindfulness practices promote present-moment awareness and reduce the compulsive checking and scrolling behaviors typical of PUSM (Kabat-Zinn, 1990). Regular mindfulness meditation can help individuals become more aware of their social media habits and make more intentional choices about their digital engagement (Segal et al., 2002). Furthermore, practicing mindfulness while using technology, such as pausing to reflect before engaging with social media, can decrease impulsive use (Davidson & Begley, 2012).

Social Support and Psychoeducation

Enhancing social support networks and providing psychoeducation about the risks of PUSM can empower individuals to seek help and adopt healthier coping mechanisms (Taylor,

2011). Support Groups: Participation in support groups for individuals struggling with PUSM can provide a sense of community and shared understanding, reducing feelings of isolation. Educational Programs: Programs aimed at educating individuals about the potential harms of excessive social media use and teaching effective coping strategies can be preventive.

3.3. Potential Implications for Mental Health and Well-Being

The improvement of coping strategies has far-reaching implications for mental health and well-being, particularly in the context of PUSM.

Enhanced Psychological Resilience

Developing adaptive coping strategies can enhance psychological resilience, allowing individuals to better manage stress and reduce the risk of developing mental health issues related to PUSM (Bonanno, 2004). Moreover, effective coping strategies can mitigate the anxiety and depression often associated with PUSM by providing healthier ways to manage emotional distress (Hofmann & Smith, 2008). It has been shown that successfully managing social media use through adaptive coping can boost self-esteem and a sense of self-efficacy, contributing to overall well-being (Bandura, 1997).

Promotion of Healthy Social Interactions

Improved coping strategies can foster healthier social interactions by encouraging more meaningful and less compulsive engagement with social media. For example, encouraging a balance between online and offline interactions can enhance real-life relationships and reduce feelings of loneliness and isolation (Punam, 2000). It has also reported that focusing on the quality of social media interactions rather than the quantity can lead to more fulfilling and less stressful online experiences (Ellison et al., 2007).

Long-Term Mental Health Benefits

The long-term mental health benefits of improved coping strategies include sustained reductions in PUSM and associated psychological distress (Masten, 2001). Long-term adoption of adaptive coping strategies can lead to sustained changes in social media use, reducing the likelihood of relapse into problematic behaviors (Prochaska & DiClemente, 1982). By addressing the root causes of PUSM and fostering healthier coping mechanisms, individuals can experience overall improvements in mental health and quality of life (Bandura, 1997).

Coping strategies play a critical role in the development, prevention, and intervention of PUSM. By distinguishing between adaptive and maladaptive coping mechanisms, and understanding the factors influencing their selection, it is possible to develop targeted interventions that reduce the risk of PUSM. Improving coping strategies not only helps in

managing social media use but also has broader implications for mental health and well-being. As digital engagement continues to grow, fostering adaptive coping strategies will be essential in promoting healthier interactions with technology and enhancing overall psychological resilience.

3.4. Discussion and Conclusion

Discussion

The findings of this thesis underscore the significant role that coping strategies play in the development, prevention, and intervention of Problematic Use of Social Media (PUSM). As social media becomes increasingly integrated into daily life, the potential for its misuse grows, particularly in individuals who rely on maladaptive coping mechanisms. The study highlights that the nature of coping strategies—whether adaptive or maladaptive—directly influences the extent to which social media use becomes problematic.

The research points out that adaptive coping strategies, such as problem-focused coping, emotion-focused coping, and positive reappraisal, are crucial in mitigating the risks associated with PUSM. Problem-focused coping, which involves directly addressing stressors, proves to be particularly effective in managing time spent on social media and balancing it with offline activities. This approach helps individuals set clear boundaries and reduce the compulsion to engage excessively with digital platforms.

Emotion-focused coping, including practices like mindfulness and seeking emotional support, is equally vital in managing the emotional distress that often accompanies PUSM. By addressing the emotional underpinnings of social media use, these strategies foster a healthier mental state and reduce the likelihood of turning to social media as a crutch for emotional regulation. Positive reappraisal further supports this by encouraging individuals to reframe their relationship with social media, seeing it as a tool rather than a source of stress.

Conversely, maladaptive coping strategies exacerbate PUSM by offering only temporary relief while perpetuating long-term distress. Avoidance behaviors, such as engaging in other forms of digital media consumption, create a cycle of dependency that deepens the problematic behavior. Substance use as a coping mechanism introduces additional mental health risks, further complicating the individual's ability to manage social media use healthily.

Rumination and obsession over social media interactions intensify feelings of anxiety and depression, trapping individuals in a cycle of negative emotions that heighten the compulsive nature of PUSM. These maladaptive strategies not only fail to address the underlying issues but also lead to more severe mental health outcomes over time.

The thesis also explores the effectiveness of cognitive-behavioral interventions (CBT) and mindfulness-based strategies in addressing PUSM. CBT is highlighted for its ability to help individuals identify and modify maladaptive thoughts and behaviors, making it a powerful tool in preventing and treating PUSM. By recognizing triggers and developing healthier habits, individuals can reduce their reliance on social media as a coping mechanism.

Mindfulness-based strategies, including regular mindfulness meditation and mindful technology use, promote present-moment awareness, helping individuals make more intentional choices about their social media engagement. These practices reduce the compulsive checking and scrolling behaviors typical of PUSM, fostering a more balanced and mindful approach to digital interactions.

The importance of social support and psychoeducation is also emphasized, as these elements can empower individuals to seek help and adopt healthier coping mechanisms. Support groups and educational programs play a crucial role in building awareness about the risks of PUSM and providing individuals with the tools to manage their social media use effectively.

Conclusion

The investigation figures that coping strategies are essential in both the development and intervention of PUSM. By distinguishing between adaptive and maladaptive coping mechanisms, it becomes possible to design targeted interventions that not only reduce the risk of developing PUSM but also promote overall mental health and well-being.

As the digital landscape continues to evolve, fostering adaptive coping strategies will be essential in promoting healthier interactions with technology and enhancing psychological resilience. The insights gained from this research underscore the need for continued exploration of coping mechanisms and their impact on digital behaviors, ensuring that interventions keep pace with the ever-changing nature of social media use.

This thesis contributes to the expanding body of knowledge on PUSM by providing a nuanced understanding of how coping strategies influence social media use. The findings have significant implications for both clinical practice and public health, offering a foundation for developing effective prevention and intervention programs that can address the challenges posed by the digital age.

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ACKNOWLEDGEMENT

First of all, I want to express my appreciation to the whole staff of the University of Padova, for providing such an opportunity to thrive and learn, to have access to high-level education and be nurtured into becoming a great asset to the world. I am grateful to my scientific inspiration, my supervisor: Tania Moretta, for guidance and all the help in writing this thesis To Demis Basso, from the University of Bolzano for providing me with so many opportunities to grow as and discover the world of Psychological Science with me in it.

This is all possible thanks to my cultural background, my dearest first person to support me, my Mom. To my friends and roommates, for cheering for me and being by my side.

I am extremely grateful for the curiosity and dedication that I have developed in the past 3 years of education in Techniques and Methods of Psychological Science Bachelor in the University of Padova. And I will keep cultivating this passion and dedication that I gained, throughout the path that is ahead of me. To be able to contribute to our field of Psychological Science and the betterment of our society as a whole.