

# The Psychological Architecture of Binge Eating Disorder: A Psychobehavioral Analysis of Core Symptoms, Comorbidities, and Underlying Mechanisms

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## Abstract

Binge Eating Disorder (BED), formally recognized in the DSM-5, is the most prevalent eating disorder, characterized by recurrent episodes of consuming large quantities of food while experiencing a profound sense of loss of control. While its behavioral manifestations are well-documented, the underlying psychological architecture is complex and multifaceted. This article provides a comprehensive psychobehavioral analysis of the core psychological symptoms of BED, moving beyond a mere description to explore their interconnections and neurocognitive underpinnings. We delineate the cognitive-affective landscape, marked by obsessive food-related cognitions, dietary restraint and disinhibition, and profound feelings of shame and guilt. The role of body image disturbance, often overshadowed in BED literature, is examined as a critical maintaining factor. Furthermore, we explore the central role of emotion dysregulation as a core mechanism driving binge episodes, often within the context of high negative affect and stress. The high comorbidity with mood, anxiety, and impulse-control disorders is discussed, highlighting shared transdiagnostic vulnerabilities. Supported by a synthesis of current literature and illustrative models, this review argues that effective intervention for BED must target these deep-seated psychological mechanisms—specifically, emotion dysregulation, cognitive distortions, and maladaptive coping strategies—rather than focusing solely on eating behavior itself. The integration of cognitive-behavioral, dialectical, and mindfulness-based approaches is presented as the most promising therapeutic pathway. Additionally, this expanded review incorporates a deeper exploration of neurobiological correlates, sociocultural influences, and nuanced treatment adaptations to provide a more holistic understanding of BED.

## Keywords

Binge Eating Disorder, Psychological Symptoms, Emotion Dysregulation, Cognitive Distortions, Psychobehavioral Mechanisms

## 1. Introduction

Binge Eating Disorder (BED) has emerged from the shadows of eating disorder not otherwise specified (EDNOS) to claim its place as a distinct and serious condition in the Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition. With a lifetime prevalence estimated at 2.8% among adults globally, it surpasses the combined prevalence of anorexia nervosa and bulimia nervosa. The diagnostic criteria for BED hinge on recurrent binge eating episodes marked by two key components: (1) eating, in a discrete period of time, an amount of food that is definitively larger than what most people would eat under similar circumstances, and (2) a sense of lack of control over eating during the episode (e.g., a feeling that one cannot stop eating or control what or how much one is eating) [1]. These episodes must be associated with at least three of the following behavioral indicators: eating much more rapidly than normal; eating until feeling uncomfortably full; eating large amounts of food when not feeling physically hungry; eating alone because of feeling embarrassed by how much one is eating; and feeling disgusted with oneself, depressed, or very guilty afterward. Crucially, these episodes occur without the regular use of inappropriate compensatory behaviors (e.g., purging, excessive exercise) that define bulimia nervosa [2].

While these diagnostic criteria provide a behavioral framework, they only scratch the surface of the profound psychological turmoil that defines the lived experience of BED. The disorder is not merely a problem of overeating; it is a complex psychobehavioral condition rooted in cognitive, affective, and regulatory dysfunctions. The behavioral act of binge eating is often the terminal output of a cascade of internal psychological events. Understanding BED, therefore, requires a deep dive into its psychological architecture—the cognitive patterns, emotional processes, and perceptual disturbances that initiate, maintain, and are exacerbated by binge episodes [3].

The primary aim of this article is to deconstruct the core psychological symptoms of Binge Eating Disorder and present an integrated model of their interactions. We will explore:

- The cognitive-affective symptoms, including obsessive food-related thoughts, the restraint-disinhibition cycle, and the attendant shame and guilt.
- The significant, yet frequently minimized, role of body image disturbance.
- The central mechanism of emotion dysregulation as a primary driver of binge behavior.

- The high rates of psychiatric comorbidity, arguing for shared underlying vulnerabilities.
- The neurocognitive correlates that underpin these psychological manifestations.

Through this synthesis, supported by visual models and a comprehensive review of the literature, this article aims to provide a foundational resource for clinicians and researchers, emphasizing that successful treatment must address these underlying psychological mechanisms to achieve lasting recovery [4].

### 1.1 The Cognitive-Affective Landscape of BED

The inner world of an individual with BED is dominated by a persistent and distressing pattern of thoughts and feelings centered on food, body, and self-worth. These cognitive and affective symptoms form the bedrock of the disorder.

### 1.2 Cognitive Distortions and Food-Related Preoccupation

Individuals with BED often experience intrusive and persistent thoughts about food and eating. This goes beyond normal hunger or meal planning; it manifests as a cognitive preoccupation that can interfere with concentration, work, and social activities. These cognitions are frequently dichotomous or "all-or-nothing" in nature. For example, an individual may categorize foods rigidly as "good/safe" or "bad/forbidden." The consumption of a "bad" food is not seen as a minor dietary lapse but as a catastrophic failure, which then triggers the cognitive permission to "give up" and initiate a full binge episode. This "abstinence violation effect" is a powerful cognitive driver of binge cycles [5].

Furthermore, individuals with BED exhibit attentional biases towards food-related stimuli. Using methodologies like the dot-probe or Stroop tasks, studies have consistently shown that those with BED have their attention more readily captured by images of high-calorie foods compared to healthy controls [6]. This automatic orientation of attentional resources reinforces the cognitive preoccupation and increases the salience of food cues in the environment, making resistance to binge triggers more cognitively demanding. This heightened salience is not merely a passive process but an active, conditioned response that can be exacerbated by mood states, suggesting a complex interaction between cognition and emotion in the maintenance of BED.

### 1.3 The Restraint-Disinhibition Cycle

The role of dietary restraint in BED has been a subject of debate. While not all individuals with BED report a history of strict dieting, cognitive restraint—the intention to restrict food intake to control weight—is a common feature. The classic restraint model posits that attempts at rigid cognitive control over eating create a state of physiological and psychological deprivation. When this brittle control is breached by a minor dietary transgression (e.g., eating a "forbidden" food), it leads to a counter-regulatory "disinhibition" or "what the hell" effect, resulting in a binge. In BED, this disinhibition is profound and is characterized by the core symptom of loss of control (LOC) [7]. LOC is not merely about the volume of food but is a dissociative-like cognitive state where the individual feels they are an observer to their own actions, powerless to stop the compulsive consumption. The cycle then perpetuates itself: the binge leads to intense guilt and self-criticism, which reinforces the desire for even stricter dietary restraint, setting the stage for the next disinhibitory binge. This cycle is often embedded within a broader context of emotional vulnerability, where dietary rules serve as a fragile structure to manage underlying emotional chaos.

## 2. Affective Sequelae: Shame, Guilt, and Distress

The aftermath of a binge episode is almost universally characterized by intense negative affect. Guilt (feeling bad about the *act*) and shame (feeling bad about the *self*) are paramount. Shame, in particular, is a deeply painful and global self-conscious emotion that leads individuals to feel fundamentally flawed, worthless, and exposed [8]. This post-binge affective state is a key factor in the maintenance of the disorder. Rather than alleviating negative emotions, the binge ultimately amplifies them, creating a vicious cycle of negative reinforcement. The individual may come to believe that they are weak, disgusting, or broken, which erodes self-esteem and contributes to the depressive symptoms commonly seen in BED. The distress is so potent that it often leads to social withdrawal and secrecy, further isolating the individual and removing potential sources of support [9]. This isolation can reinforce dysfunctional eating patterns as the individual's world becomes increasingly constricted around the binge-shame cycle.

### 2.1 Body Image Disturbance in BED

Although historically associated more with anorexia and bulimia nervosa, body image disturbance is a significant and clinically relevant psychological symptom in BED.

### 2.2 Body Dissatisfaction and Overvaluation

Individuals with BED report significantly higher levels of body dissatisfaction than weight-matched controls without BED. This dissatisfaction is not merely a dislike of one's appearance but is often characterized by an "overvaluation" of shape and weight. That is, self-worth is judged predominantly, or even exclusively, in terms of body shape and weight. This cognitive schema makes the individual exquisitely vulnerable to any perceived flaw or weight fluctuation, which can trigger profound negative affect and, consequently, binge eating as a maladaptive coping strategy [10]. This overvaluation often develops early in life, influenced by societal messages and interpersonal experiences, and becomes a core component of identity, making it particularly resistant to change.

### 2.3 Experiential and Behavioral Avoidance

The distress associated with one's body can lead to experiential avoidance-attempts to avoid or escape from uncomfortable internal sensations, including thoughts, emotions, and bodily sensations related to the body. This manifests behaviorally as avoidance of situations that provoke body-related anxiety, such as social gatherings, swimming, intimate relationships, or even shopping for clothes. This avoidance narrows the individual's life and reinforces the pathological belief that their body is unacceptable, thereby maintaining the cycle of binge eating. Over time, this avoidance generalizes to other areas of life, impairing social functioning, occupational performance, and overall quality of life, thus creating additional stressors that can trigger further binge episodes.

### 2.4 Emotion Dysregulation as a Core Mechanism

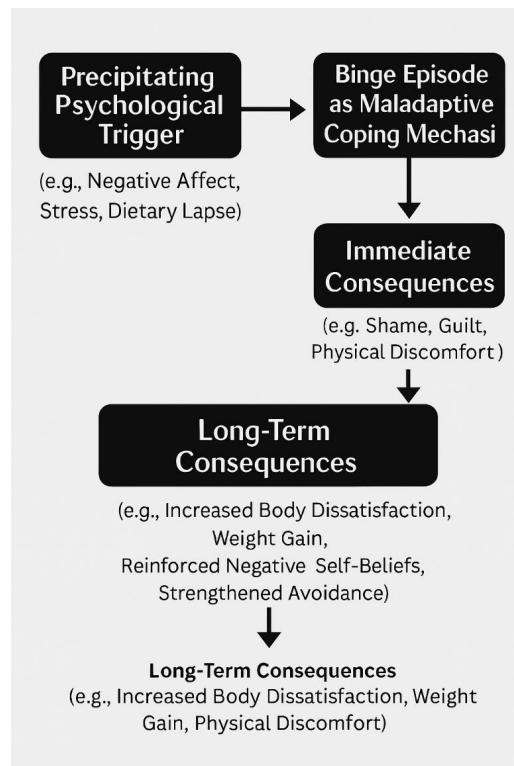
Perhaps the most robust psychological finding in contemporary BED research is the central role of emotion dysregulation. Emotion dysregulation refers to difficulties in understanding, managing, and responding to emotional experiences in an adaptive manner.

### 2.5 The Negative Reinforcement Model of Binge Eating

For many individuals with BED, binge eating serves a primary function: the immediate, albeit temporary, alleviation of distressing emotional states. This is a classic model of negative reinforcement-a behavior is strengthened because it removes an aversive stimulus (negative emotion). When faced with high-arousal negative emotions like anxiety, anger, or sadness, or low-arousal states like boredom or numbness, individuals with BED may lack the adaptive skills to tolerate or modulate these states. The binge episode provides a powerful distraction; the intense sensory experience of eating can numb emotional pain, dull psychological awareness, and provide a short-term escape. However, as previously discussed, the relief is fleeting and is swiftly replaced by shame and guilt, which become the next emotional triggers, thus locking the individual into a self-perpetuating cycle [11]. This model highlights the functional nature of binge eating, underscoring why purely behavioral interventions often fail-they do not address the emotional underpinnings of the behavior.

### 3. Alexithymia and Interoceptive Awareness

Emotion dysregulation in BED is often compounded by alexithymia-a difficulty in identifying and describing one's own feelings-and deficits in interoceptive awareness-the ability to perceive and interpret internal bodily signals such as hunger, satiety, and emotional arousal. When an individual cannot accurately label an emotion (e.g., distinguishing between anxiety and hunger), they may misinterpret emotional arousal as a physical need for food. This conflation makes them more likely to respond to emotional distress with eating. Furthermore, a lack of interoceptive awareness contributes to the loss of control during a binge, as the individual may be less attuned to physiological signals of fullness. Training in interoceptive awareness and emotional literacy is therefore a critical component of effective treatment, helping individuals to decouple emotional experiences from eating behaviors.



**Figure 1.** The Self-Perpetuating Cycle of Binge Eating Disorder

Figure 1 illustrates the cyclical nature of BED. A psychological trigger (e.g., high negative affect, stress, or a minor dietary lapse) initiates the cycle. The individual engages in a binge episode as an immediate, maladaptive coping mechanism to escape or numb the distress. The binge provides temporary relief but leads to immediate negative consequences of shame, guilt, and physical discomfort [12]. These consequences, in turn, reinforce the original psychological triggers (e.g., shame increases negative affect, guilt reinforces rigid dietary rules), leading to long-term maintenance of the disorder through increased body dissatisfaction, potential weight gain, and strengthened negative core beliefs about the self. The cycle is closed as these long-term consequences create a fertile ground for future triggers.

### 3.1 Psychiatric Comorbidity and Shared Vulnerabilities

BED rarely exists in isolation. High rates of comorbidity with other psychiatric disorders suggest shared underlying psychological and neurobiological vulnerabilities.

### 3.2 Mood and Anxiety Disorders

Major Depressive Disorder and various anxiety disorders are the most common co-occurring conditions with BED, with lifetime comorbidity rates exceeding 50%. This high overlap can be explained by the transdiagnostic role of emotion dysregulation, which is a core feature of both mood/anxiety disorders and BED. In these cases, binge eating can be understood as a behavior that co-occurs with depression or anxiety, often serving as a specific symptom of the individual's broader difficulty in managing negative affect. The presence of BED can also exacerbate the course of mood and anxiety disorders, creating a more complex clinical picture that requires integrated treatment approaches addressing both the eating disorder and the comorbid condition simultaneously.

### 3.3 Impulse-Control and Substance Use Disorders

Rates of ADHD, borderline personality disorder (BPD), and substance use disorders are also elevated in individuals with BED. The link here appears to be shared deficits in inhibitory control and impulse regulation. Neurocognitive studies often find that individuals with BED show impairments in executive functions, particularly in response inhibition and decision-making, similar to those seen in other impulse-control disorders. This shared endophenotype suggests a vulnerability to behaviors that offer immediate reward despite long-term negative consequences [13]. Understanding these shared vulnerabilities can inform the development of transdiagnostic treatments that target underlying impulsivity and emotion regulation deficits across disorders.

## 4. Neurocognitive Correlates of Psychological Symptoms

Advancements in neuroscience have begun to map the psychological symptoms of BED onto distinct brain patterns, providing a biological basis for the observed behaviors and experiences.

### 4.1 Reward Sensitivity and Inhibitory Control

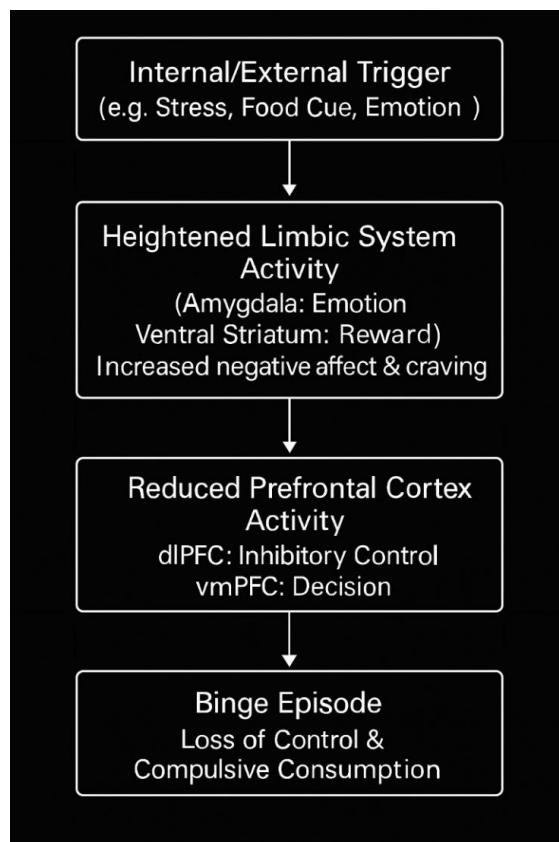
Functional magnetic resonance imaging (fMRI) studies indicate that individuals with BED may have heightened reactivity in brain regions associated with reward processing (e.g., the ventral striatum) in response to food cues. Concurrently, they often show reduced activity in prefrontal regions responsible for top-down inhibitory control (e.g., the dorsolateral prefrontal cortex). This neural profile provides a biological basis for the clinical observation of strong cravings (high reward sensitivity) coupled with an inability to resist acting on them (poor inhibitory control), culminating in the experience of "loss of control." This imbalance is not static but can be modulated by internal states such as stress or satiety, and external contexts such as food availability or social setting, indicating a dynamic interplay between neural systems and environmental factors.

### 4.2 The Role of Stress Neurocircuitry

Chronic stress is a known trigger for binge eating. The hypothalamic-pituitary-adrenal (HPA) axis, the body's central stress response system, appears to be dysregulated in BED. Elevated cortisol levels and a blunted feedback mechanism may interact with the reward system, increasing the motivation to consume highly palatable "comfort foods" as a way to dampen the stress response. This links the psychological experience of stress directly to the neurobiological drive to binge [14]. Furthermore, early life stress and trauma have been shown to alter HPA axis development, potentially increasing vulnerability to BED later in life. This underscores the importance of assessing trauma history and stress management in the treatment of BED.

### 4.3 Neurotransmitter Systems Involved in BED

Beyond brain structure and function, neurotransmitter systems also play a critical role in BED. Dysregulation in dopamine pathways is implicated in the altered reward processing seen in BED, particularly in the context of highly palatable foods. Serotonin systems, which are involved in mood regulation and satiety, are also thought to be disrupted, potentially contributing to both the affective symptoms and the disordered eating patterns. The efficacy of medications like lisdexamfetamine (which affects dopamine and norepinephrine) and SSRIs (which affect serotonin) in reducing binge frequency provides indirect support for the involvement of these neurotransmitter systems. Future research focusing on the interaction between these neurochemical pathways and psychological processes will further elucidate the biological underpinnings of BED [15].



**Figure 2.** A Neurocognitive Model of a Binge Episode Trigger

Figure 2 schematic represents a simplified neurocognitive model of a binge episode. An internal (e.g., emotion, stress) or external (e.g., sight of food) trigger leads to heightened activity in limbic system structures, generating strong negative emotions and food cravings. Concurrently, there is a relative reduction in activity in prefrontal regions responsible for executive control. This imbalance between a hyperactive "bottom-up" drive and a hypoactive "top-down" regulatory system creates the perfect neurocognitive storm for a binge episode to occur, characterized by a subjective loss of control and compulsive consumption.

## 5. Sociocultural and Environmental Influences

While psychological and neurobiological factors are central, the development and maintenance of BED cannot be fully understood without considering the broader sociocultural and environmental context.

### 5.1 The Impact of Weight Stigma and Internalized Bias

Individuals with BED often face significant weight stigma, which can be internalized as self-stigma and weight bias internalization (WBI). WBI is associated with greater eating disorder psychopathology, depression, and poorer treatment outcomes. The experience of being stigmatized because of weight can directly contribute to negative affect, body dissatisfaction, and maladaptive coping behaviors like binge eating. Thus, addressing internalized weight stigma is a crucial, though often overlooked, component of BED treatment.

### 5.2 Cultural Pressures and Media Influences

Societal pressures for thinness and the ubiquitous promotion of diet culture can contribute to the development of dietary restraint and body dissatisfaction, which are key risk factors for BED. Media portrayals of idealized bodies and the moralization of food choices ("clean eating") can reinforce dichotomous thinking and heighten the shame associated with binge eating. Cultural factors also influence the presentation and recognition of BED; for example, in cultures where larger body sizes are less stigmatized or where overeating is more normalized, BED may be underrecognized. Culturally sensitive assessment and treatment are therefore essential.

### 5.3 Discussion and Implications for Treatment

The psychobehavioral analysis presented herein underscores that BED is a disorder of dysregulation across multiple domains: cognitive, emotional, behavioral, and neurobiological. The core psychological symptoms—cognitive distortions, the restraint-disinhibition cycle, shame, body image disturbance, and profound emotion dysregulation—are not isolated phenomena but are dynamically interconnected, forming a robust and self-sustaining pathological system. This integrated understanding has direct and critical implications for treatment. Approaches that focus solely on behavioral weight loss or simple dietary management are often insufficient and can even be iatrogenic if they reinforce dietary

restraint and shame. The evidence strongly supports the use of therapies that directly target the core psychological mechanisms.

Cognitive-Behavioral Therapy (CBT) is the best-established treatment and works by targeting the cognitive distortions about food, weight, and shape, and by breaking the restraint-disinhibition cycle through regularizing eating patterns. Enhanced forms of CBT (CBT-E) specifically address additional maintaining mechanisms such as mood intolerance, clinical perfectionism, and low self-esteem, making it a more comprehensive intervention.

Dialectical Behavior Therapy (DBT) was specifically developed for disorders of emotion dysregulation and has shown significant efficacy for BED. It directly teaches skills in mindfulness, distress tolerance, emotion regulation, and interpersonal effectiveness, providing patients with tools to replace binge eating. The group skills training component of DBT also offers valuable social support and reduces the isolation commonly experienced by individuals with BED.

Third-Wave CBT approaches, such as Acceptance and Commitment Therapy (ACT) and Mindfulness-Based Interventions, help patients develop a non-judgmental awareness of their thoughts and feelings (including cravings), reduce experiential avoidance, and align their actions with personal values rather than being driven by difficult internal experiences. These approaches are particularly effective in addressing body image distress and shame by fostering self-compassion and psychological flexibility.

Pharmacological interventions, such as lisdexamfetamine (which is FDA-approved for BED) and selective serotonin reuptake inhibitors (SSRIs), may also be useful, particularly for targeting underlying impulse-control deficits and comorbid mood disorders. Their mechanism of action, which often involves enhancing inhibitory control and modulating reward pathways, aligns well with the neurocognitive model presented. However, medication is typically most effective when combined with psychotherapy to address the broader psychological and behavioral aspects of the disorder.

#### 5.4 The Importance of Integrated and Stepped Care

Given the complexity of BED, an integrated treatment approach that addresses the multiple domains of dysfunction is often necessary. This might involve combining CBT or DBT with nutritional counseling, body image therapy, and pharmacotherapy. A stepped care model can also be beneficial, where treatment intensity is matched to the severity and complexity of the presentation. For example, individuals with mild BED and low comorbidity might benefit from guided self-help based on CBT principles, while those with severe BED and multiple comorbidities may require intensive outpatient or even inpatient care.

#### 6. Conclusion

Binge Eating Disorder is a severe and complex psychobehavioral condition whose essence lies not in the behavioral act of overeating but in the intricate web of psychological symptoms that precipitate and maintain it. The experience of loss of control is the nexus where cognitive failures, emotional turmoil, body image distress, and neurocognitive vulnerabilities converge. Viewing BED through this multifaceted lens is essential for moving beyond stigma and simplistic explanations. Future research should continue to elucidate the causal pathways and interactions among these psychological factors, while clinical practice must prioritize interventions that build emotion regulation capacity, reshape maladaptive cognitions, and heal the relationship with one's body and food. Additionally, greater attention must be paid to the sociocultural context in which BED develops and is maintained, including the pervasive impact of weight stigma and diet culture. Only by addressing this profound psychological architecture and its environmental embeddedness can we hope to provide lasting relief for those suffering from this debilitating disorder.

#### Reference

- [1] American Psychiatric Association. (2013). Diagnostic and statistical manual of mental disorders (5th ed.). <https://doi.org/10.1176/appi.books.9780890425596>
- [2] Qian, J., Wu, Y., Liu, F., & Li, Y. (2021). An update on the prevalence of eating disorders in the general population: A systematic review and meta-analysis. *\*Eating and Weight Disorders - Studies on Anorexia, Bulimia and Obesity*, 27\*(2), 1–14. <https://doi.org/10.1007/s40519-021-01162-z>
- [3] Giel, K. E., Teufel, M., Junne, F., Zipfel, S., & Schag, K. (2017). Food-related impulsivity in obesity and binge eating disorder- A systematic update of the evidence. *Nutrients*, 9(11), 1170. <https://doi.org/10.3390/nu9111170>
- [4] Byrne, M. E., LeMay-Russell, S., & Tanofsky-Kraff, M. (2019). Loss-of-control eating and obesity among children and adolescents. *Current Obesity Reports*, 8(1), 33–42. <https://doi.org/10.1007/s13679-019-0327-1>
- [5] Mattheus HK, Wagner C, Becker K, et al. Incontinence and constipation in adolescent patients with anorexia nervosa-Results of a multicenter study from a German web-based registry for children and adolescents with anorexia nervosa. *Int J Eat Disord.* 2020; 53: 219–228. <https://doi.org/10.1002/eat.23182>
- [6] Luppino, F. S., de Wit, L. M., Bouvy, P. F., Stijnen, T., Cuijpers, P., & Zitman, F. G. (2020). Overweight, obesity, and depression: A systematic review and meta-analysis of longitudinal studies. *Archives of General Psychiatry*, 67(3), 220–229. <https://doi.org/10.1001/archgenpsychiatry.2010.2>
- [7] Leehr, E. J., Krohmer, K., Schag, K., Dresler, T., Zipfel, S., & Giel, K. E. (2015). Emotion regulation model in binge eating disorder and obesity-A systematic review. *Neuroscience & Biobehavioral Reviews*, 49, 125–134. <https://doi.org/10.1016/j.neubiorev.2014.12.008>

- [8] Westwood, H., Kerr-Gaffney, J., Stahl, D., & Tchanturia, K. (2017). Alexithymia in eating disorders: Systematic review and meta-analyses of studies using the Toronto Alexithymia Scale. *Journal of Psychosomatic Research*, 99, 1–11. <https://doi.org/10.1016/j.jpsychores.2017.06.007>
- [9] Simon, J. J., Skunde, M., & Walther, S. (2016). Neural signature of food reward in binge eating disorder. *Social Cognitive and Affective Neuroscience*, 11(9), 1–10. <https://doi.org/10.1093/scan/nsw049>
- [10] Grilo, C. M. (2017). Psychological and behavioral treatments for binge-eating disorder. *Journal of Clinical Psychiatry*, 78(Suppl 1), 20–24. <https://doi.org/10.4088/JCP.sh16003su1c.04>
- [11] Hilbert, A., Bishop, M. E., Stein, R. I., Tanofsky-Kraff, M., Swenson, A. K., Welch, R. R., & Wilfley, D. E. (2012). Long-term efficacy of psychological treatments for binge eating disorder. *British Journal of Psychiatry*, 200(3), 232–237. <https://doi.org/10.1192/bjp.bp.110.089664>
- [12] Pearl, R. L., & Puhl, R. M. (2018). Weight bias internalization and health: A systematic review. *Obesity Reviews*, 19(8), 1141–1163. <https://doi.org/10.1111/obr.12701>
- [13] Becker, C. B., Middlemass, K., Taylor, B., Johnson, C., & Gomez, F. (2017). Food insecurity and eating disorder pathology. *International Journal of Eating Disorders*, 50(9), 1031–1040. <https://doi.org/10.1002/eat.22735>
- [14] Reas, D. L., & Grilo, C. M. (2015). Pharmacological treatment of binge eating disorder: Update review and synthesis. *Expert Opinion on Pharmacotherapy*, 16(10), 1463–1478. <https://doi.org/10.1517/14656566.2015.1053465>
- [15] Weinbach, N., Sher, H., & Bohon, C. (2018). Differences in emotion regulation difficulties across types of eating disorders during adolescence. *Journal of Abnormal Child Psychology*, 46(6), 1351–1358. <https://doi.org/10.1007/s10802-017-0365-7>