



JOURNAL OF THE ROYAL LAUREATES ACADEMY

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THE RELATIONSHIP BETWEEN GOAL ORIENTATION AND PSYCHOLOGICAL WELL-BEING IN ATHLETES: A SYSTEMATIC REVIEW

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DOI: <https://www.doi-ds.org/doi/10.2025-88968269/JRLA/07202604>

ABSTRACT

Goal orientation is a central motivational construct in sport psychology and plays a significant role in shaping athletes' psychological experiences and behavioral outcomes. Guided primarily by Achievement Goal Theory, athletes tend to adopt either task-oriented goals focused on mastery and self-improvement or ego-oriented goals centered on outperforming others. The present review synthesizes evidence regarding the relationship between goal orientation and psychological well-being in athletes. Literature indexed in Google Scholar was examined to identify empirical studies, review articles, and theoretical papers addressing motivational orientations and athlete well-being. The findings consistently indicate that task orientation is positively associated with subjective vitality, life satisfaction, resilience, intrinsic motivation, and psychological flourishing, whereas ego orientation is often linked with competitive anxiety, emotional exhaustion, burnout, and fear of failure, particularly when accompanied by low perceived competence. The review highlights the role of motivational climate and coaching practices in fostering adaptive motivational patterns and concludes with implications for sport practitioners and future research directions.

Keywords: Goal orientation, psychological well-being, athletes, sport psychology, achievement goal theory, motivation.

INTRODUCTION

Participation in sport has traditionally been associated with positive developmental outcomes including improved self-esteem, social integration, and psychological health. However, increasing evidence suggests that athletic involvement may also expose individuals to stress, emotional exhaustion, performance anxiety, and burnout. Consequently, understanding the psychological determinants that promote well-being among athletes has become an important area of inquiry in contemporary sport psychology (Giles et al., 2020).

Among the motivational variables examined in sport contexts, goal orientation has emerged as one of the strongest predictors of athletes' emotional experiences and behavioral responses. The manner in which athletes define success and competence influences not only performance outcomes but also psychological adjustment and satisfaction derived from sport participation (Nicholls, 1989).

Achievement Goal Theory

Achievement Goal Theory proposed by John G. Nicholls provides the dominant theoretical framework for understanding motivational processes in sport. According to the theory, individuals evaluate competence using either self-referenced criteria or normative comparisons with others. These differing definitions of competence give rise to task orientation and ego orientation (Nicholls, 1989).

Task orientation refers to a focus on learning, effort, skill acquisition, and personal improvement. Athletes with strong task orientations judge success according to self-improvement and mastery of sport-specific skills. Ego orientation, in contrast, emphasizes social comparison and superiority over competitors as indicators of competence and achievement (Duda, 1992).

Task Orientation and Psychological Well-being

The majority of studies report positive associations between task orientation and indicators of psychological well-being. Athletes who pursue mastery-oriented goals demonstrate greater enjoyment, persistence, intrinsic motivation, and long-term commitment to sport participation compared with athletes who primarily rely on external comparisons for validation (Lochbaum et al., 2016).

Task-oriented athletes are more likely to interpret setbacks and failures as opportunities for growth and learning rather than evidence of incompetence. This adaptive interpretation contributes to resilience and reduces vulnerability to emotional distress during competitive seasons (Lochbaum et al., 2016).

Research involving university athletes demonstrated that task orientation directly predicts subjective vitality and indirectly reduces emotional exhaustion through the promotion of autonomous goal motives. Athletes who focused on self-improvement reported higher levels of psychological well-being and lower levels of ill-being indicators such as burnout and fatigue (Martínez-González et al., 2022).

The positive relationship between task orientation and well-being can be explained by the greater sense of control associated with mastery goals. Because success depends primarily on effort and personal development, athletes perceive greater autonomy and competence, two fundamental psychological needs identified in motivational theories of human behavior (Sheldon et al., 2004).

Ego Orientation and Psychological Well-being

Unlike task orientation, the relationship between ego orientation and psychological well-being is less straightforward and often depends upon perceived competence levels. Athletes with strong ego orientations may experience enhanced motivation and performance under conditions of success but become vulnerable to emotional difficulties following setbacks or losses (Nicholls, 1989).

Several studies have associated ego orientation with increased competitive anxiety, fear of failure, emotional exhaustion, and reduced enjoyment in sport. Since competence is judged through comparison with others, ego-oriented athletes frequently experience fluctuations in self-esteem that parallel competitive outcomes (Biddle et al., 2003).

Recent evidence indicates that ego orientation predicts controlled goal motives, which in turn contribute to physical and emotional exhaustion among athletes. This pathway highlights the potential psychological costs of excessive dependence on external validation and social

approval (Martínez-González et al., 2022).

Goal Motives as Mediators

Recent developments in motivational research suggest that not only the type of goals athletes pursue but also the reasons underlying goal pursuit influence well-being outcomes. Autonomous motives, such as enjoyment and personal interest, are associated with positive functioning, whereas controlled motives based on pressure or rewards are linked to poorer psychological outcomes (Sheldon et al., 2004).

Studies integrating Achievement Goal Theory with Self-Concordance Theory have demonstrated that task orientation is positively associated with autonomous motives, whereas ego orientation is positively associated with controlled motives. These motivational pathways partially explain differences in athlete well-being and ill-being across competitive settings (Smith et al., 2011; Healy et al., 2020).

Motivational Climate and Coaching Environment

The social environment created by coaches, teammates, and parents significantly influences athletes' goal orientations. A mastery-oriented motivational climate emphasizes effort, learning, cooperation, and personal progress, whereas a performance climate prioritizes winning and normative comparisons.

A recent meta-analysis involving more than 26,000 athletes found that mastery climates were consistently associated with positive affect, enjoyment, and life satisfaction, while ego climates demonstrated weaker or negative relationships with hedonic well-being measures (Lochbaum & Sisneros, 2024).

Longitudinal studies further indicate that supportive coaching styles contribute positively to athlete well-being through satisfaction of psychological needs and promotion of adaptive motivational orientations (Balaguer et al., 2012).

Psychological Well-being in Athletes

Psychological well-being among athletes encompasses more than the absence of mental illness and includes dimensions such as personal growth, self-acceptance, purpose in life,

environmental mastery, and positive interpersonal relationships. Recent systematic reviews emphasize the multidimensional nature of athlete well-being and the need for context-specific measurement approaches (Kinoshita et al., 2024).

Emerging evidence also suggests that positive emotions and psychological flourishing contribute significantly to athletic performance, recovery, and career longevity, reinforcing the importance of well-being promotion within elite sport environments (Peris-Delcampo et al., 2024).

Practical Implications

Coaches should create mastery-oriented training environments that reward effort, improvement, and learning rather than solely emphasizing victory and ranking. Sport psychologists should incorporate interventions designed to strengthen autonomous motivation and self-referenced standards of success.

Educational programs for athletes may also include resilience training, self-regulation strategies, and cognitive reframing techniques aimed at reducing dependence on social comparison and external validation.

Future Research Directions

Future studies should employ longitudinal designs to examine causal relationships between motivational orientations and psychological well-being. Cross-cultural investigations are also required because motivational processes may differ across sporting systems and cultural contexts.

Researchers should further explore the interaction between goal orientation, resilience, psychological flexibility, and mental toughness among elite athletes and examine whether interventions targeting motivational climate can produce long-term improvements in athlete well-being.

CONCLUSION

The available literature strongly supports the conclusion that goal orientation is a significant determinant of psychological well-being among athletes. Task orientation promotes adaptive

psychological functioning through increased intrinsic motivation, resilience, and subjective vitality, whereas excessive ego orientation may contribute to anxiety, emotional exhaustion, and burnout. The creation of mastery-oriented sporting environments therefore represents an important strategy for promoting both performance excellence and athlete well-being.

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