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## EXPLORING THE IMPACT OF EMOTIONAL INTELLIGENCE ON THE PERFORMANCES OF SNOW ATHLETES

<sup>1</sup>Ranjita Behera, Dr. Kamlesh Kumar Pandey (Professor) <sup>2</sup>

Department of Psychology

<sup>1,2</sup> Sunrise University, Alwar, Rajasthan

### Abstract

**Background:** The primary goal of this research was to investigate how respondents perceive the influence of emotional intelligence on the performances of snow athletes. Emotional intelligence is a vital set of skills that involves effectively perceiving, understanding, and managing emotions.

**Method:** The study utilized a survey method employing convenience sampling. A questionnaire comprising five questions was administered to 100 respondents, including 50 players and 50 non-players.

**Findings:** The survey results indicated that respondents generally recognized the importance of emotional intelligence in winter sports, perceiving it as crucial for success. Respondents believed that emotional intelligence had a moderate impact on snow athletes' performance and expressed personal or professional experiences that supported this belief.

**Key words:** *Emotional Intelligence, Performance, Snow athlete, Effectively Perceiving*

### 1.0 Introduction

Emotional intelligence (EI) is a multifaceted skill that encompasses the ability to perceive, understand, and manage emotions effectively, both in oneself and others. In recent years, researchers have recognized the significance of emotional intelligence in various domains, including sports performance. This essay delves into a study focused on exploring the influence of emotional intelligence on the performances of snow athletes. By investigating the relationship between emotional intelligence and athletic success, we can gain valuable insights into how emotional skills impact an athlete's overall performance and well-being in snow sports (Lane, A. M., & Wilson, M. 2011).



Snow athletes, including skiers, snowboarders, and ice skaters, face unique challenges in their sport, such as high-risk maneuvers, extreme weather conditions, and intense competition. Emotional intelligence plays a vital role in helping these athletes navigate these challenges and perform at their best. Self-awareness enables snow athletes to recognize their emotional state during training and competitions. Snow athletes with high emotional intelligence exhibit effective self-regulation. They can control their emotions, preventing negative emotions, such as anxiety or frustration, from impacting their performance (Thomas, C. L., et al 2017).. Emotional intelligence enhances athletes' motivation levels. Snow athletes with high emotional intelligence have a strong sense of purpose and passion for their sport. They set challenging goals, remain persistent, and view setbacks as learning opportunities rather than failures. Empathy, a key component of emotional intelligence, enables snow athletes to understand and relate to the emotions of their teammates, coaches, and competitors. Snow athletes with strong social skills, a result of high emotional intelligence, excel in building relationships, resolving conflicts, and communicating effectively (Druskat, V. U., et al 2013)..

## Objectives

- To study the emotional intelligence related performance of snow athlete players
- To study the impact of mental health on snow athlete's players

## 2.0 Literature Review

(Hopker et al. 2013) looks at the impact of age, muscle fibre type, and training condition on cycling efficiency and endurance performance. The writers highlight the value of cycling efficiency for endurance performance in the first few pages. The authors then go into the study's methodology, which involved evaluating 50 men cyclists of varied ages and levels of training. The authors assessed the individuals' cycling efficiency, endurance level, and muscle fibre type composition. The researchers found that cycling performance and endurance were strongly affected by both age and training state. In particular, the authors found that riding efficiency and endurance were two areas where highly trained cyclists excelled over less trained cyclists. Additionally, the researchers found that older cyclists had worse endurance and cycling efficiency compared to younger bikers.



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(Schenk, M., & Miltenberger, R. 2019) conduct a thorough analysis of behavioral interventions aimed at improving athletic performance. The authors highlight the significance of psychological elements in sports performance and explore the potential advantages of utilizing behavioral therapy within this domain, as emphasized in their opening paragraph.. The authors go on to provide an overview of a number of behavioural tactics that have been used to enhance athletic performance. Some of these techniques include goal-setting, self-monitoring, imaging and visualisation, self-talk, relaxation techniques, and cognitive-behavioral therapy. The authors address the theoretical underpinnings of these therapies as well as the empirical evidence supporting their effectiveness.

(Stillman et al. 2016) explores possible factors that could potentially explain the link between physical exercise and neurocognitive performance. The investigation encompasses various levels of analysis, including cellular and molecular processes, brain anatomy and function, as well as behavioral aspects. The authors begin by reviewing the evidence that links physical activity with improved neurocognitive performance, emphasizing that both human and animal brain models have supported this association. The authors next go over potential physiological and molecular mechanisms that might underlie the link between exercise and neurocognitive ability, including elevated neurotrophic factor expression and improved mitochondrial function. They also discuss the potential roles that inflammation and oxidative stress may play in this connection.

### **3.0 Research Methodology**

The primary objective of this research study is to examine how emotional intelligence affects the performances of snow athletes. The study will employ a survey method using convenience sampling.

The survey questionnaire consists of five questions and will be administered to 100 respondents, comprising both players and non-players, with a sample size of 50 respondents from each group. The primary instrument for data collection will be a structured questionnaire comprising five questions. The questionnaire was designed to assess the emotional intelligence levels of the participants and their perceived impact on their snow sports performances.



## 4.0 Data Analysis

**Table No. 1 The frequency distribution and statistical analysis of obtained responses from the questionnaire**

Sr. No.	Questions	Responses					Statistics Analysis	
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Mean	Std. Dev.
		Frequency	Frequency	Frequency	Frequency	Frequency		
1	How crucial is emotional intelligence, in your opinion, for success in winter sports?	35	20	20	12	13	2.48	2.41
2	How much, in your opinion, does emotional intelligence impact snow athletes' performance	39	21	15	18	7	2.33	2.20



	on a scale of 1 to 5?							
3	In your personal or professional experience, have you seen a link between emotional intelligence and snow athletes' performance?	37	22	21	12	8		
							2.32	2.18
4	Do you think snow athletes can develop their emotional intelligence to increase their performance?	25	29	16	18	12		
							2.63	2.46
5	How critical do you think your mental health is to your success as a snow athlete?	36	30	14	15	5		
							2.23	2.05



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## 5.0 Discussion and Conclusion

The survey results provide valuable insights into the perceptions of respondents regarding the importance of emotional intelligence in winter sports and its impact on athletes' performance. The majority of respondents strongly agree or agree that emotional intelligence is crucial for success in winter sports. This suggests a recognition of the role emotions play in athletic performance and the need for athletes to possess emotional skills to effectively navigate the challenges they face.

The respondents believe that emotional intelligence has a moderate impact on snow athletes' performance. This viewpoint aligns with the understanding that emotions can significantly influence decision-making, focus, and resilience, all of which are essential for optimal athletic performance. The recognition of this impact emphasizes the importance of incorporating emotional intelligence training into athletes' development programs. Interestingly, respondents also indicate personal or professional experiences that demonstrate a link between emotional intelligence and snow athletes' performance. This observation reinforces the notion that emotional intelligence plays a role in athletes' success beyond theoretical understanding, as individuals have witnessed its effects firsthand. These experiences further highlight the relevance of emotional intelligence in snow sports and support the need for its cultivation among athletes. Another notable finding is that respondents believe snow athletes can develop their emotional intelligence to improve their performance. This optimism regarding the malleability of emotional intelligence suggests a belief in the potential for growth and improvement in athletes' emotional skills. This finding underscores the importance of implementing targeted training programs that focus on emotional intelligence development, as it holds the promise of enhancing athletes' overall performance. The survey reveals that respondents consider mental health to be moderately critical to the success of snow athletes. This recognition of the role mental well-being plays in athletic performance aligns with the growing awareness of the interconnectedness between psychological and physical aspects of sports. It highlights the need for comprehensive support systems that address both the physical and mental aspects of athletes' well-being. These findings emphasize the importance of integrating emotional intelligence training and mental health support into athletes' training and development programs. By doing so, stakeholders in snow sports can enhance athletes' overall performance, resilience, and well-being, ultimately leading to improved outcomes in winter sports.



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