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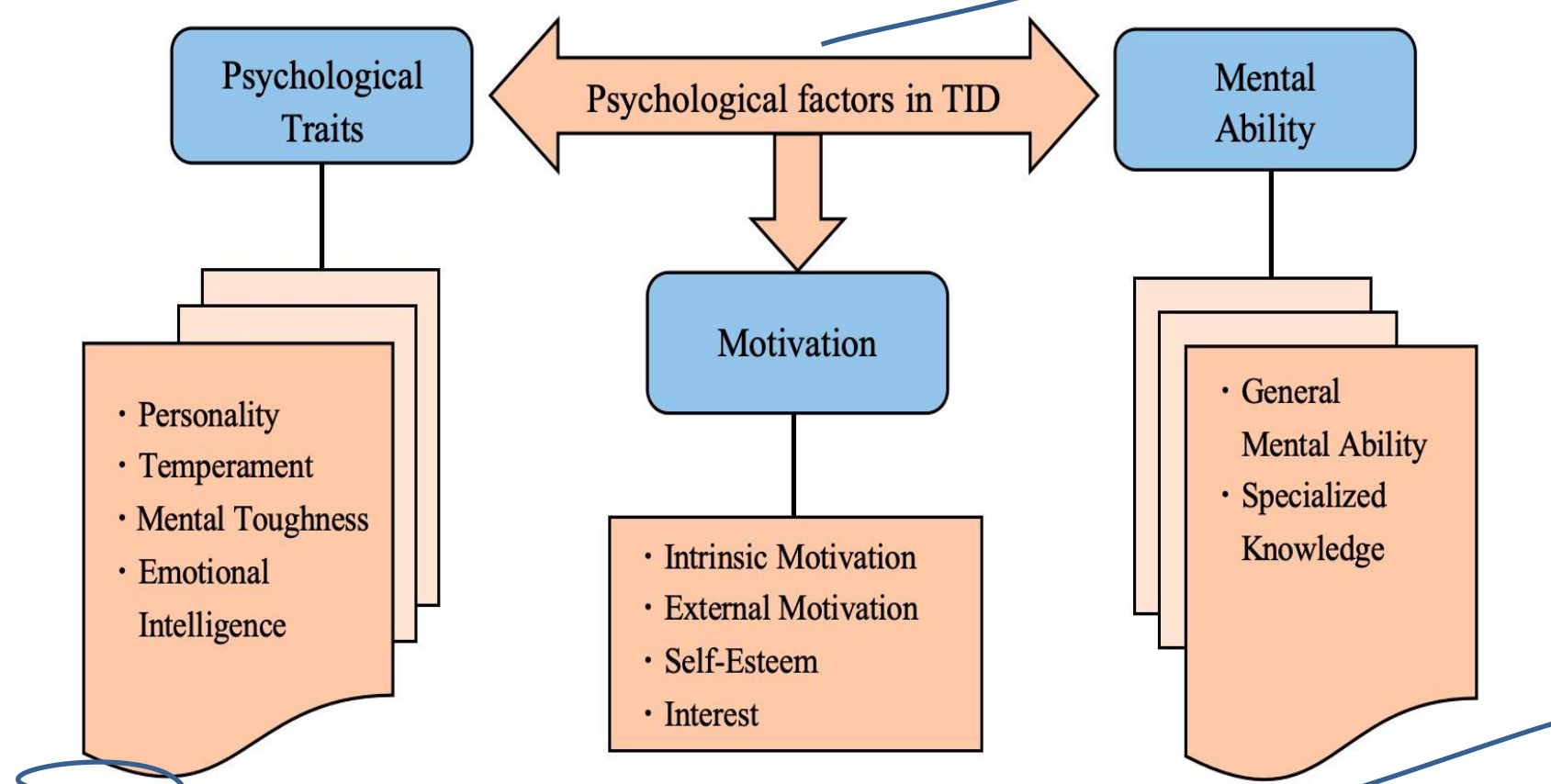
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Background

Sports talent identification (TID) is a complex process that involves the procedure of identifying potential athletes through prediction. However, sports TID is influenced by a variety of factors, and in particular, psychological aspects are gradually attracting increasing attention, and much research shreds of evidence have shown that psychological qualities affect the athletic performance and competition results of elite athletes. Therefore, reducing the elimination rate, improving the success rate, and conducting scientific TID are imperative.

Goals

The overarching of this study was to to identify and classify the psychological factors that are critical in influencing the TID process, thereby ensuring the scientificity and accuracy of the sports TID program.



Project

This project will systematically organize and synthesize the psychological factors that affect the identification of sports talents, and classify and distinguish psychological factors from multiple perspectives and depths, to help coaches and scouts more accurately and scientifically evaluate whether individuals have the potential to become excellent athletes. reduce the elimination rate of talents, and improve the success rate of talents.

Outcomes

Based on the review and content, a taxonomic classification of psychological factors in TID can be proposed to better understand and get a handle on the psychological factors involved. On the whole, the psychological factors can be divided into three categories, namely, psychological traits, motivation, and psychological ability. Among them, psychological traits include personality, temperament, mental toughness, and emotional intelligence. Motivation comprises intrinsic motivation, extrinsic motivation, self-esteem, and interest. Mental ability mainly contains general mental ability and specialized knowledge.

Reference:

Birrer, D., & Morgan, G. (2010). Psychological skills training as a way to enhance an athlete's performance in high-intensity sports. *Scandinavian Journal of Medicine & Science in Sports*, 20(s2), 78–87. <https://doi.org/10.1111/j.1600-0838.2010.01188.x>

Stamatis, A., Grandjean, P., Morgan, G., Padgett, R. N., Cowden, R., & Koutakis, P. (2020). Developing and training mental toughness in sport: a systematic review and meta-analysis of observational studies and pre-test and post-test experiments. *BMJ Open Sport & Exercise Medicine*, 6(1), e000747. <https://doi.org/10.1136/bmjsem-2020-000747>

Gledhill, A., Harwood, C., & Forsdyke, D. (2017). Psychosocial factors associated with talent development in football: A systematic review. *Psychology of Sport and Exercise*, 31(31), 93–112. <https://doi.org/10.1016/j.psychsport.2017.04.002>