

研究資料

バスケットボール選手のディフェンスにおける状況判断の特徴
－ハイパフォーマンス選手を対象として－

Features of the decision-making in defense of basketball player
－ High-performance player as a target －

小林 亮太¹⁾ 山本 真史²⁾ 實宝 希祥¹⁾ 荒木雅信¹⁾
Ryota Kobayashi¹⁾ Shinji Yamamoto²⁾ Kisho Zippo¹⁾ Masanobu Araki¹⁾

Abstract

In basketball, the relationship between competition level and situational decision-making ability has been reported in many studies. The results of these studies reveal that the choice reaction time of high-performance players is shorter than that of low-performance players, which suggests that high-performance players make a decision more quickly. However, there is no study that has investigated the decision making of a defensive player with regard to an offensive player holding the ball. Therefore, we focused on this decision-making ability of defensive players (especially high-performance players) as measured by the choice reaction time and the fixation point. The results showed that high-performance players have a shorter choice reaction time than low-performance players in the shooting condition, but significant differences were not observed for left and right dribbling conditions. In addition, the results also indicated that high-performance players were more fixated on the hand and ball than low-performance players. Based on this research, the excellent decision-making abilities of high-performance players were more apparent in the shooting condition than in both dribbling conditions. This indicates that decision making in the act of shooting (scoring) is qualitatively different from that required in other plays.

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basketball, competition level, choice reaction time, fixation point

¹⁾ 大阪体育大学大学院 *Graduate School of Sport and Exercise Sciences, Osaka University of Health and Sport Sciences*
²⁾ 大阪体育大学 *Osaka University of Health and Sport Sciences*