

Abstract

Title: Intraindividual stability of performance and kinesthetic abilities level in wedge play performed on golf players with different performance level

Goal: Goal of this thesis is detect an intraindividual stability of full swing performance in wedge play and find out kinesthetic abilities level of golf players with different performance level when they control distance of ball flight, club head speed and ball speed.

Methods: There were 15 golfers participating in this study ($n = 15$). Tested subjects are characteristic by these values: age $18,36 \pm 2,61$, body height $180,86 \pm 7,38$, body weight $73,21 \pm 10,25$, HCP $-0,47 \pm 1,53$. Intraindividual stability of performance and kinesthetic abilities level was tested by instrument TrackMan. Gained values were processed by statistical methods in Excel. Pearson coefficient was used to find out the dependence between data.

Results: We found high level of intraindividual stability from test results. Significant difference was found between in distance, club head speed and ball speed parameters with and without feedback. Significant connection between intraindividual stability and performance parameters was found only in 1/3 of cases, same as connection between kinesthetic ability and performance parameters.

Key words: Short game, golf swing, approach shots, abilities