

Pitirat Kongtongkum 2009: A Construction of Agility Test for Futsal Player. Master of Science (Sports Science), Major Field: Sports Science, Interdisciplinary Graduate Program. Thesis Advisor: Associate Professor Udorn Ratanapakd, M.A. 98 pages.

The purposes of the research were to construct and norming of the agility test for futsal player. The 320 samples were drawn from futsal players participating in 2nd Thailand Futsal League Competition using the simple random sampling method. The instrument was the agility test for futsal players which was created and developed by the researcher and verified by the five experts in sport futsal for the content validity. Data then was analyzed by using index of item-objective congruence through Rowinelli and Hambleton method. Test-retest method was applied to determine reliability. The agility test was created by the researcher then correlated with the standard test of Illinois Agility Test for the concurrent validity and the objectivity of the test were established by two testers. The data was analyzed by using Pearson-Product Moment Correlation Coefficient and using T-score for the construction of the norms.

The result on the construction of agility test for futsal player. The content validity was conducted by index of item-objective congruence. The reliability was 0.93, while the concurrent validity was 0.82 as well as the objectivity of this test was 0.88 with the .05 level of significance. Based on Kirkendall *et al.*, the agility test for Futsal player which was constructed by the resercher was very good back ground. Data, then to analyze for norms construction by using T-score, based on 5 categories; very good, good, fair, poor and very poor. This test be able to measure and evaluate the agility for futsal player.

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Thesis Advisor's signature

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