MOTOR DIFFERENCES OF YOUNG KICK-BOXER CATEGORIES
BASED ON RESULT SUCCESFULNESS

Abstract
The research has been conducted on 69 junior (18-20) and senior (21 and above) kickboxers from Vojvodina. They are classified according to achieved sporting results into four (4) categories: I category – athletes who achieved the best results by winning one of the medals at the World or European championship, II category – athletes who won medals at the international tournaments (competitions), III category - athletes who achieved results by winning one of the medals at the national championship, IV category – athletes who did not achieve any significant results. Discriminant analysis provides three discriminant functions. First function divides I category (most successful athletes) from locally successful (III category). Second function separates groups in the manner that group II (internationally successful) separates from all others. Third function (p>0.05) divides unsuccessful athletes from athletes that accomplish some local result. It is to be concluded that for top result achievement in kick-boxing, it is necessary to direct selection and training in the way that in athletes have to be incorporated complete and integrated assembly with energetic and informatics component of movement regulation, as we speak about general motor dimensions. Surely, in future analyses it has to be built in important information about specific motor knowledge, for completing set of sports knowledge.

Key words: kick-boxing, motor dimensions, successfulness, harmony