

## FACTOR ANALYSIS OF SOME SITUATIONAL VARIABLES IN HANDBALL GAME

### **Abstract**

*The survey covered 20 matches of the first league in handball championship in Croatia. Since the forward playing position has been tested and since we have two teams and data referring to their playing forward during a match, we have a total of 40 entities, in other words matches played by the team Metković-Jambo in the first Croatian handball league in the season 1998/99. A group of 15 situational variables were used and they were analyzed by factor analysis with rotation into orthoblique position. The results showed that the scope of situational phenomena in handball is very complex and that it is completely right to use waves as an idea to approach handball forward position. The isolated factors are responsible for: counter-attack (1), assistance during counter-attack (5), number of waves (3), events during the first wave (4), events during the second wave (6), events during the third and the fourth waves (2). The survey generated the results which should be evaluated in the modern recourse of handball and it will be the best if evaluation is done with some top European team in order to get the opportunity to compare the obtained results and hopefully to get them confirmed and thus to make them the basis for some better programming of transformational processes in handball.*

**Key words:** handball, factors, attack, waves