



Project to improve finalization of offensive phase of futsal teams by using linguistic data summarization techniques

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In this paper authors collect and analyze data from 2018 futsal season of the University of Informatics Sciences team. In order to obtain linguistic summaries, authors apply linguistic data summarization techniques. The linguistic summaries are storage in database and later use for coaches for making decision on 2019 season. To validate the research, authors analyze the variables involved in the offensive phase of finalization in the UCI futsal team with respect to the 2018/2019 seasons, from observation and SPSS statistical analysis, significant differences are evident in the variable goal and positive passes, managing to score 33 goals in 2019 and 13 goals in 2018; for this, 85 positive shots were produced averaging 2.57 shots to reach goal. In the plays of static positional strategies there are significant differences in the variables goal and positive

shots. Ten more goals are scored in 2019 as every 3.69 positive shot opportunities the team scores a goal. While in 2018 three goals are scored and an average of 7.66 positive shots are used to score a goal. Positional transitions on the move improve in 2019 where eight goals are scored and on average 2.12 shots are produced to score a goal. Counterattacking transitions present a stable behavior; this variable depends on the way of defending to close and counterattack. In free-kicks two goals are scored in 2019, improving in this regard. The free-kick is improved in 2019 since no goals were scored in 2018 and two goals were scored this year.