

Abstract

Title: Testing of model for predicting the outcome of professional tennis matches

Objectives: The aim of this work is to create a simple and easy to understand model to predict tennis matches.

Methods: In this thesis it was used secondary analysis of the data for gaining a relevant and current information. In this work it was emphasized on valid data, which should come from the reliable sources. Further, mathematic and statistical methods were used to obtain calculation for determination correct predictions. The obtained data were processed a then they were presented within tables.

Results:

The modified model based on the Low-point model, which was simplified so the general public could understand it and which used easily searchable and immediately available data, successfully predicted the tournament Australian Open 2021. At the end of the tournament we had more money on the fictitious account than at the beginning. The model was able to correctly predict 5 out of 7 matches and it was in profit when betting on the predicted winner as well as betting on the advantage of the odds. However, when the model was validated at the next two Grand Slams, this model was at loss, so we cannot designate it as long-term profitable.

Keywords: tennis, prediction, bet, Australian Open, Grand Slam