

## ABSTRACT

**Bachelor thesis title:** Evaluation of selected biomechanical parameters in triple jump

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**Aims of the thesis:** The aim of the thesis was to determine the correlation between individual phases and overall performance in the triple jump, whether approach speed is an influencing factor, and if there is any correlation between performance and ground contact time in individual phases.

**Methodology:** This study focused on utilizing the method of secondary analysis and correlation comparison to identify relationships and trends in data obtained from the Championship of Czech Republic, published on the website of the Czech Athletic Association.

**Results:** The research demonstrated that the most decisive role in triple jump performance is determined by the hop phase, followed by the step phase. 18,8 % of the triple jump performance can be explained by the approach speed.

**Keywords:** athletics, triple jump, analysis, evaluation, biomechanics, performance.