

# Abstract

**Title of Thesis:** Game Pace in tennis at French Open 2024

**Objective:** The aim of this thesis is to determine the game pace for men at Roland Garros 2024 and to compare the difference in game pace between matches from the first and second round and the final rounds of the tournament (4. round - final).

**Methods:** The methods used in this thesis are indirect observation and systematic notation analysis. While evaluating the overall average of all variables from 10 matches, the number of players was  $N = 16$  with an average ranking of  $M = 30 \pm 36$ . The monitored variables included rally duration, pause time, and number of strokes. The game pace was calculated by dividing the time of a rally by exact number of strokes in the rally. The workload ratio was evaluated by dividing the time of break between rallies and the time of the rally.

**Results:** The average rally tempo is 1.35 seconds. The average rally duration is 7.75 seconds, the average number of strokes per rally is 5.81, and the average time between rallies is 26.54 seconds. This study compared the early rounds of the French Open 2024 with the later rounds. The average tempo was 0.01 seconds faster in the final rounds. The average rally duration was 0.61 seconds longer in the final rounds, the average number of strokes was 0.42 fewer in the early rounds, and the average time between rallies was 1.04 seconds longer from the fourth round through to the final.

**Keywords:** game pace, tennis, rally, time, French Open 2024