

BST 270: Final Project

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Table of contents

Set-Up	1
538 Article	1
Table	2
Figure	3

Set-Up

538 Article

From Carl Biakin’s article “[Why Some Tennis Matches Take Forever](#)”, we will recreate his second table (summarizing the tennis players with the fastest and slowest pace of play, with other notable players included) and figure (visualizing the career changes in pace for Roger Federer, Andy Murray, Novak Djokovic, and Rafael Nadal).

Table

Player Speeds		
Average time added per point in men's tennis		
Fastest players		Slowest players
1	Dustin Brown	-6.37s
2	Rohan Bopanna	-4.95
3	Chris Guccione	-4.63
4	Benoit Paire	-4.56
5	Lukas Dlouhy	-4.35
6	Brendan Evans	-4.25
7	Igor Sijsling	-4.19
8	Lukas Rosol	-4.13
9	Alexander Kudryavtsev	-4.05
10	Sam Querrey	-3.99
Other notable players		
22	Goran Ivanisevic	-3.15s
36	Roger Federer	-2.43
124	Novak Djokovic	+2.21
141	Andy Murray	+2.53
191	Pat Cash	+3.73
202	Ivan Lendl	+4.35
203	Jim Courier	+4.51
207	Jimmy Connors	+4.90

First, we generate each of the three tables included in the image above, using the `players_time.csv` table.

We now must arrange the tables and include the descriptive information to mirror the image as presented in Biakis's article.

Rank	player	seconds_added_per_point
1	Dustin Brown	-6.37
2	Rohan Bopanna	-4.95
3	Chris Guccione	-4.63
4	Benoit Paire	-4.56
5	Lukas Dlouhy	-4.35
6	Brendan Evans	-4.25
7	Igor Sijsling	-4.19
8	Lukas Rosol	-4.13
9	Alexander Kudryavtsev	-4.05
10	Sam Querrey	-3.99

Rank	player	seconds_added_per_point
209	Michael Chang	4.94
210	Joao Cunha Silva	5.10
211	Julian Knowle	5.15
212	John McEnroe	5.22
213	Lucas Arnold Ker	5.35
214	T.J. Middleton	5.60
215	Martin Stringari	5.68

216	Rafael Nadal	5.92
217	Nicolas Massu	6.21
218	Emanuel Couto	6.35

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Figure

