

How to use the GetImpact Tennis Prediction tool ?

Tennis PDI - Match Length Prediction Using A Regression Forest

Enter P1

Enter P2

Confirm

MATCH CONDITIONS

Surface ☒ Hard
☐ Grass
☐ Clay

Best of ☒ 3
☐ 5

Level

Round

PLAYER 1

Name

Height

Hand

Rank

Age

Win streak

PLAYER 2

Name

Height

Hand

Rank

Age

Win streak

(Optional) For better precision, input player age and win streak.

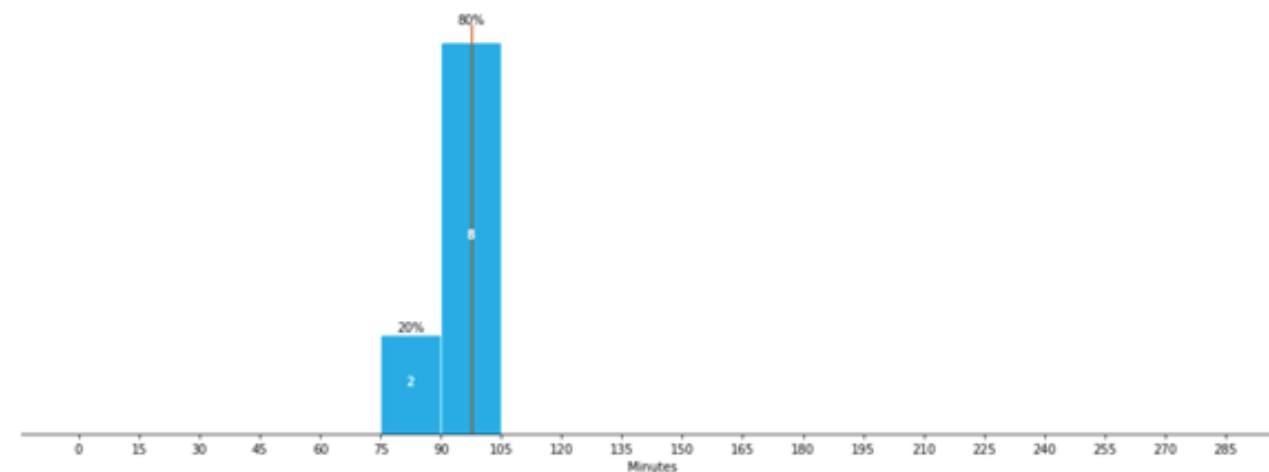
Nb of trees

Plant Forest

Drag slider to plot :

Time Step

Distribution of Match Length Predictions : Roger Federer v. Rafael Nadal



Reset

1 Enter both players' names

NB : they have to be spelled exactly as they appear in the database
The Confirm button checks if the players have been found.

2 Enter desired match conditions

Player age and win streak are not automatically filled but can be manually entered for better results. They will otherwise default to 25 and 0.

3 Configure and launch model

The underlying model is a decision forest. We can specify the number of trees we want - the more trees, the longer the prediction will take but the more precise it will be.

The Plant Forest button launches the prediction and a loading bar shows the progress.

4 Visualize results

When the prediction is done, a graph showing the results will appear. More specifically, the graph shows the distribution of each tree's prediction, which we can liken to a distribution of probability. We can adjust the time step of the prediction by increments of 5 minutes.

5 Reset

When you are done and want to start a new prediction, press the Reset button and go back to step 1.