

A tennis player in white is captured in the middle of a serve on a grass court. He is leaning forward with his right arm raised, ready to toss the ball. The court is green with white lines. In the background, a person in white pants and a blue shirt stands near a green fence. A tennis bag with 'EST' and 'ATP' is visible on the fence.

SPORT ANALYTICS LAB

STATISTICAL ANALYSIS OF THE TENNIS
SERVE

ATP
WORLD TOUR

AMERIO FASIORI GABRIELE

THE MATCH CHARTING PROJECT

- CROWDSOURCED COLLECTION OF DETAILED SHOT—BY—SHOT DATA
- ATP MATCHES

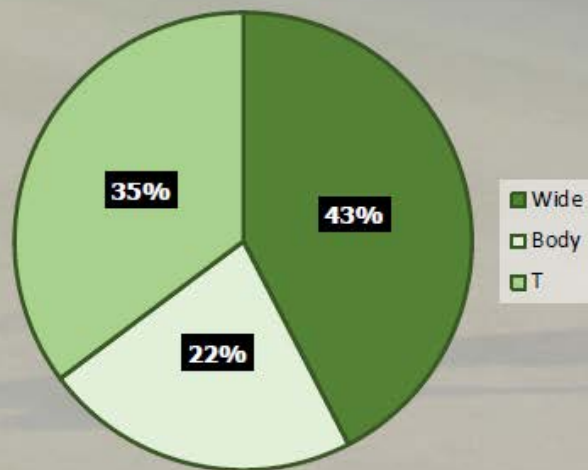


- SERVE EFFICACY IN ATP MATCHES: 2000 – 2018
- SERVE EFFICACY IN LAST SEASON'S FEDERER MATCHES

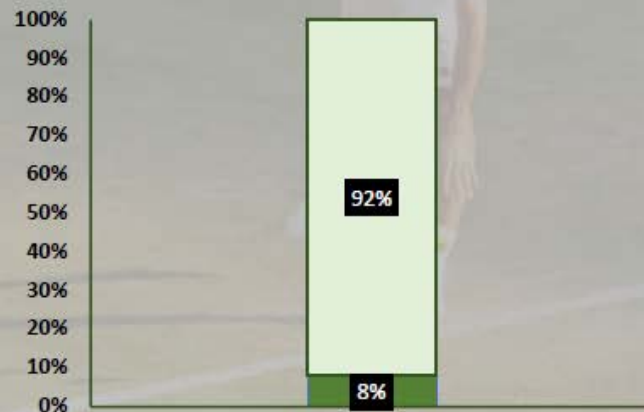
ATPTM

WORLD TOUR

SERVE DIRECTION



ACES



AVG ACE/MATCH: 12.8

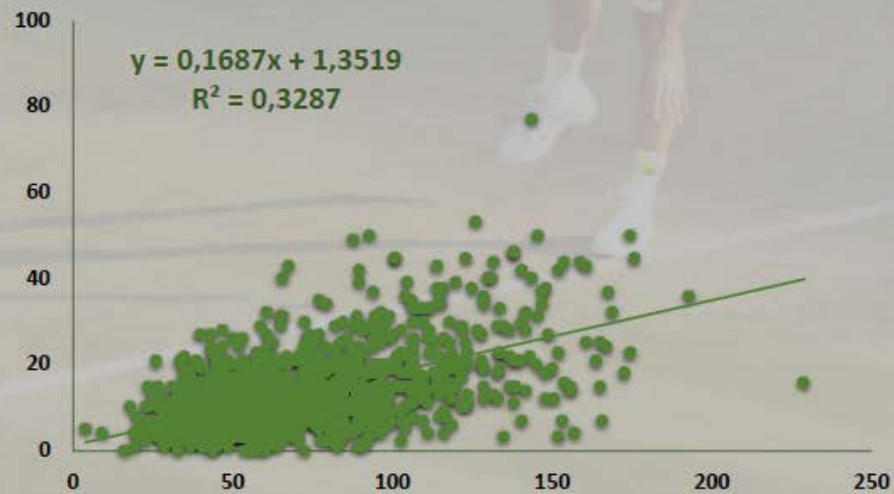
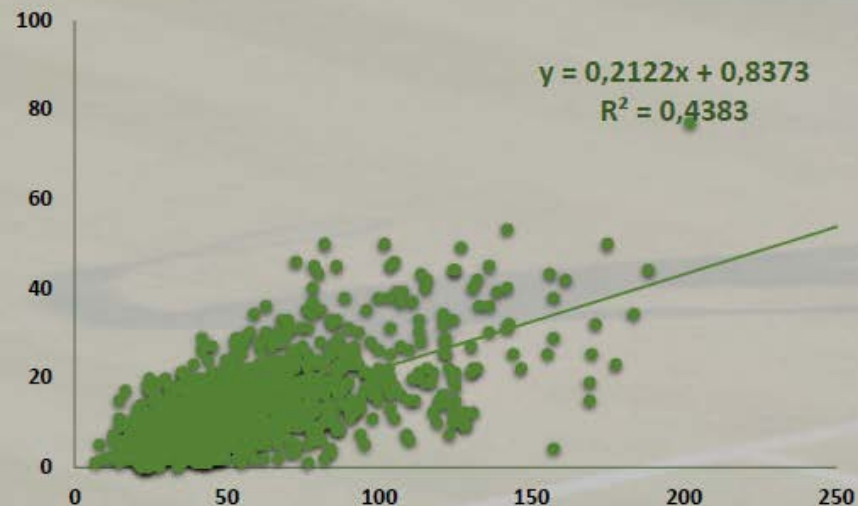
ATPTM WORLD TOUR

T-SERVICE - ACE

$$y = 0,2122x + 0,8373$$
$$R^2 = 0,4383$$

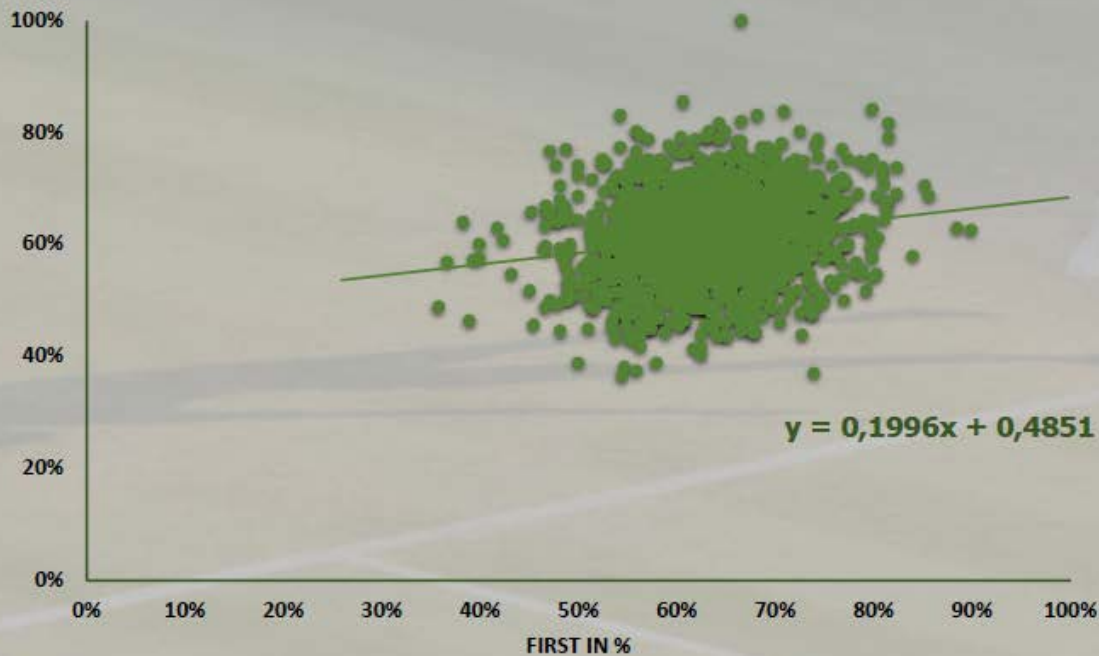
WIDE SERVICE - ACE

$$y = 0,1687x + 1,3519$$
$$R^2 = 0,3287$$



KEY POINTS SERVE

POINTS WIN – FIRST IN



ROGER FEDERER – SEASON 2018

HARD OUTDOOR

- AUSTRALIAN OPEN
- INDIAN WELLS
- CINCINNATI
- US OPEN
- SHANGHAI
- PARIS MASTERS

10.6 ACES/MATCH

GRASS

- STUTTGART
- HALLE
- WIMBLEDON

13 ACES/MATCH

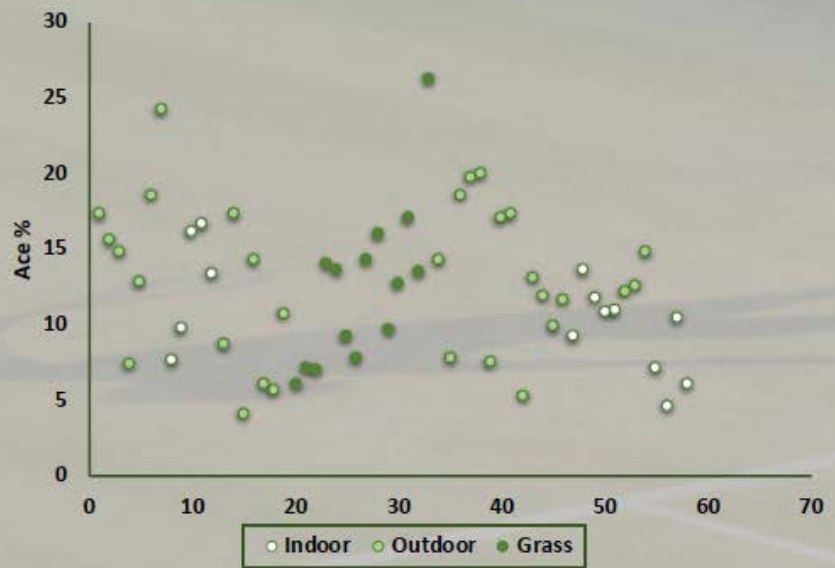
HARD INDOOR

- ROTTERDAM
- BASEL
- TOUR FINALS

• 12 ACES/MATCH

ROGER FEDERER – SEASON 2018

ACE % - GROUND



ACE % - GROUND

