

# QUANTITATIVE METHODS FOR SPORT

Descriptives  
Strategies  
Economics

quant4sport.com



Preview

In last half century most of sports have changed substantially



**Sports have changed** because there are:

- more technologies available;
- more needs from sport lovers;
- more attention from Sponsors;
- more availability to spend money for sports, to watch them or to bet;



**Quantitative Methods** are used for:

- descriptive statistics, to give upgraded situations during a match or a race;
- descriptive statistics, to give upgraded situations about Championships;
- advanced models, useful for strategies for better results.

Descriptive statistics also provides data for a better evaluation of the performance of athletes or drivers.

**Sport Industry** products a turnover higher than the GDP of many Countries.

**Sponsors** looks for athletes and teams that can be attract attention of spectators.

2016 was another memorable year in the sports industry, both on and off the field of play. There were games and teams we will never, and stories that dominated the headlines.



**sports tourism is an \$8-billion industry**

George Washington University

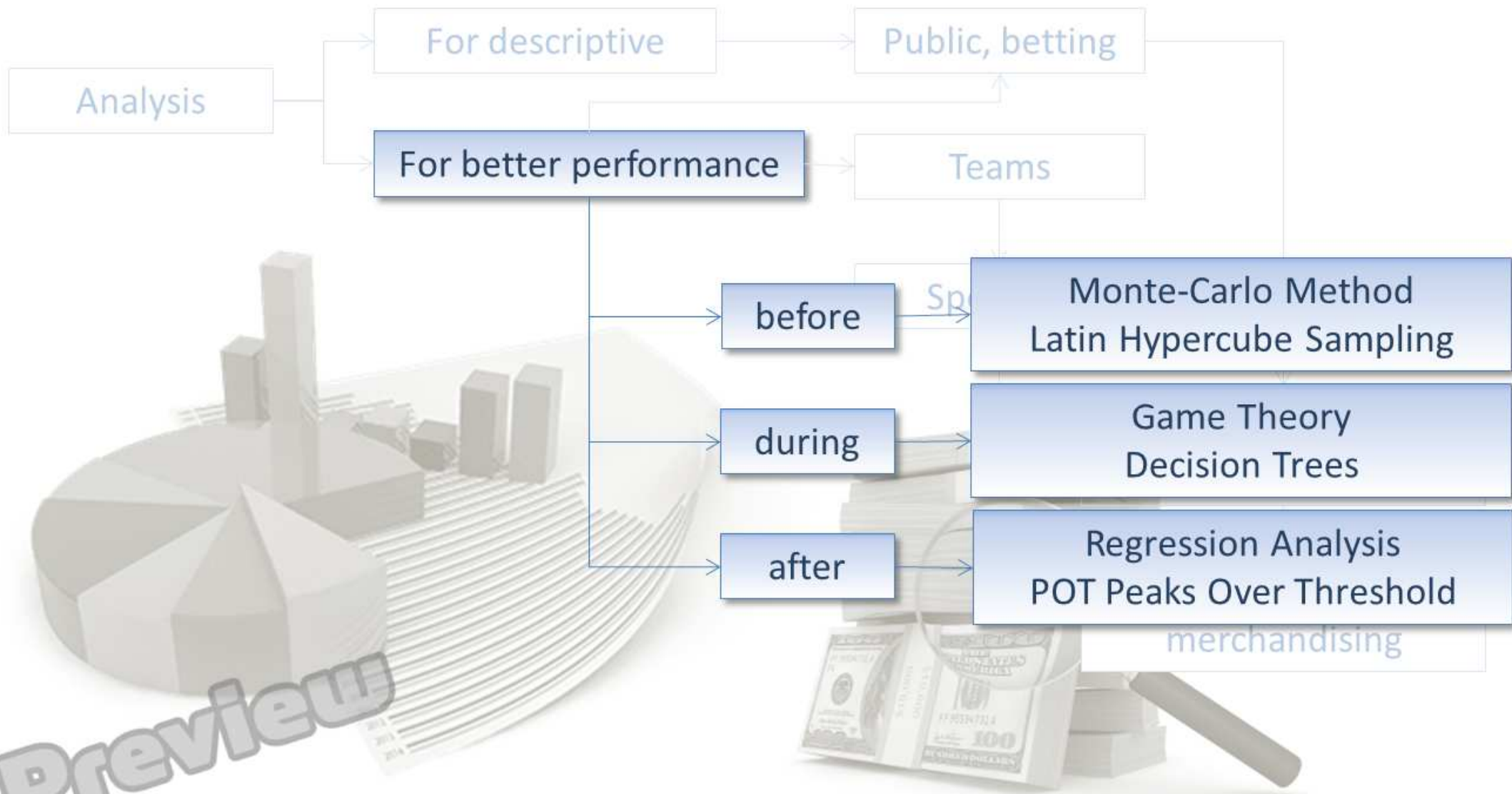
“Sponsorship opportunities continue to proliferate; it will be imperative for leagues and teams to have the capabilities to demonstrate a sustainable ROI to their sponsors.”

Michael Aronesty, U.S. Deloitte Sports Leader Deloitte & Touche LLP

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