

The artificial football intelligence

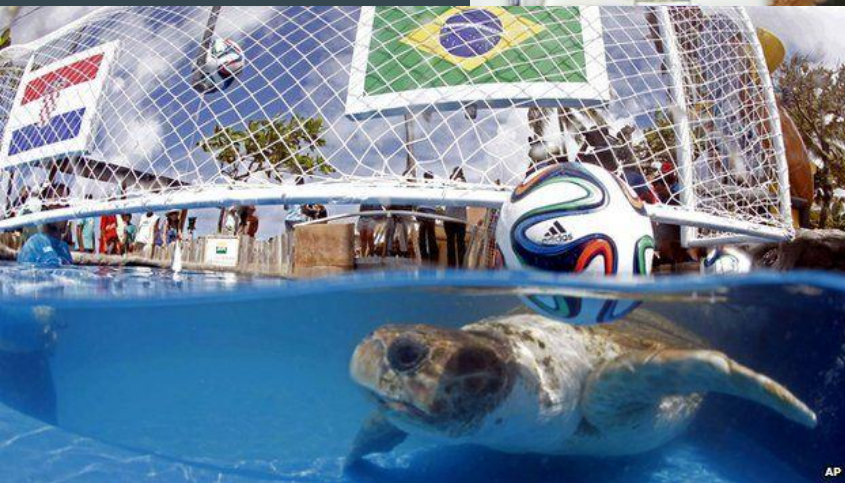
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Who wins ?

What Is the Best Method for Predicting Football Matches?

Animal ?



Pred

With Germany's win Microsoft perfectly predicted the World Cup's knockout round

th AI



Predicting Football Results With Statistical Modelling

In the following, we will review the article of The Player Kernel: Learning Team Strengths Based on Implicit Player Contributions (kickoff.ai)



They calculate the overall performances of model over the UEFA Euro 2016.

Model details

- model individual players' performance.
- use Bayesian inference
- use the *11 lined-up players* of each team as an input to model in order to obtain the winning probability.
- What data does Kickoff.ai use?
 - International competitions
 - European club championship.
 - National competitions.

What is the Kickscore

- The Kickscore is computed based on the outcomes of matches in which the player participated. It can be approximately understood as follows: if the sum of the Kickscores of a team's players is high, the team is expected to perform well. Although the actual prediction is significantly more complex, the Kickscore measures the players' contribution to a team's success.

Evaluation

