

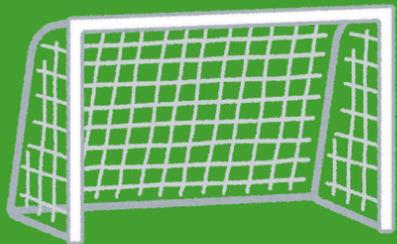


# Home vs. Away: Who Receives More Yellow Cards?



How Crowd Sizes affect Referee Decisions.

## Quantity



Referees award significantly more yellow cards to the away team.

## Crowd Effect

Bias increased as crowd size increased (i.e., more home fans = more cards for away team). Noise and crowd appeasement were found to be contributing factors.



## Team Standing

The probability of awarding a yellow card increased if the away team had a higher standing



## Implications

Coaches and players should prepare more for away games, as well as training the officials to be aware of these effects and psychological techniques to aid in desensitizing them.

