

Effects of attendance, crowd density and capacity of arena in home advantage according to NBA conference [Efectos de la asistencia, densidad de la misma y la capacidad del pabellón en las victorias conseguidas en casa en función de la conferencia en la NBA]

Rubio J.G.

Alonso M.C.

Medina A.A.

Home teams wins over the 50% of games. Studies that explain the associated factors with crowd, have been poorly studied. The aim of the study was to identify interactive effects of facilities size, game attendance and crowd density in home wins. Data were composed by 7 regular season from NBA, 2007/2008-2012/213. Each team of competition was analyzed (N=210). Data were collected from specialized website Basketball-Reference. com. Regression analysis were used to predict the number of home victories through interactive effects of facilities size, game attendance and crowd density. Results show a significant effect of game attendance in home victories in all the competition and in the analysis split by conferences. Significant effects of facilities size was found for all competition and west conference. Game attendance has been probed as one of the most important home victories predictor. An increase on game attendance tend to a rise in number of home victories. © 2015: Servicio de Publicaciones de la Universidad de Murcia, Murcia (España).

Basketball

Crowd size

Home advantage