In many sports, new analytics are being used to pinpoint the crucial factors that underlie performance and, ultimately, the outcome of the game. In baseball, modern statistics such as wins above replacement (the difference between the number of wins a player contributes versus that of a freely available replacement) are now often given more weight than the standard measures of batting average (fraction of hits per plate appearance) and earned run average (runs—not due to errors—allowed per nine innings). Major League teams now employ over 100 analysts who quantify many aspects of the game in order to better understand it. In fact, math has become so common that one team analyst said, “Frankly, it’s easier to list what math isn’t used for than what it is.”