Basketball On Paper: Rules And Tools For Performance Analysis

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Journey "inside the numbers" for an exceptional set of statistical tools and rules that can help explain the winning, or losing, ways of a basketball team. Basketball on Paper doesn’t diagram plays or explain how players get in shape, but instead demonstrates how to interpret player and team performance. Dean Oliver highlights general strategies for teams when they’re winning or losing and what aspects should be the focus in either situation. He describes and quantifies the jobs of team leaders and role players, then discusses the interactions between players and how to achieve the best fit. Oliver conceptualizes the meaning of teamwork and how to quantify the value of different types of players working together. He examines historically successful NBA teams and identifies what made them so successful: individual talent, a system of putting players together, or good coaching. Oliver then uses these statistical tools and case studies to evaluate the best players in history, such as Magic Johnson, Wilt Chamberlain, Bill Russell, and Charles Barkley and how they contributed to their teams’ success. He does the same for some of the NBA’s "oddball" players-Manute Bol, Muggsy Bogues, and Dennis Rodman and for the WNBA’s top players.

Basketball on Paper is unique in its incorporation of business and analytical concepts within the context of basketball to measure the value of players in a cooperative setting. Whether you’re looking for strategies or new ideas to throw out while watching the ballgame at a sports bar, Dean Oliver’s Basketball on Paper will give you amazing new insights into teamwork, coaching, and success.

**Book Information**

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If you are interested in advanced basketball statistics or are just a fan looking for ways to be a more discerning viewer, you will probably find this an interesting read. If you are looking for new insights, not so much. An example of an interesting idea: Comparing a team's points scored, points allowed differential with the league average for a particular year is a pretty good indicator of the teams winning percentage. Of course, if a team has played enough games to have a statistically significant point differential, the teams won/loss record is also a pretty good indicator of how the teams winning percentage will end up. An interesting correlation but not very interesting for making predictions nor for understanding the game. The author makes a very good point that players should be evaluated not on how much they score, but their value as a scoring asset minus their liability on defense. The author considers shooting percentage, assists, free throws, etc. as contributions to scoring. He also tries to include statistics on blocks, shooting percentages of opposing players, etc. to determine a defensive value. While a step in the right direction, it is a long ways from being useful to determine a player's value. A couple of examples:

1. A player is very good at 3 point shooting. The opposing teams denies him the ball and instantly double teams him every time he touches the ball. This allows the remainder of his team to play 4 on 3, get lots of open looks presumably score very efficiently. Since the player in question probably commonly passes out of double teams but not directly to the player ultimately taking a shot, he will probably get few assists. According to the author, this player has very little offensive value.

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