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A statistician reads the sports pages. Does "The Zone" exist for home-run hitters?

Chance 12, No. 1, 51-56 (1999).

This article is an investigation into whether in baseball home-run hitters hit home runs in nonrandom streaks. What is a nonrandom streak? Clearly, players hit home runs in nonuniform patterns throughout the season – this is to be expected. Nonrandom streaks are those that occur because a player's ability changed during the streak, causing the increase in performance. A random streak is one that occurred by chance. The player's ability did not change; he just had a "lucky" run. These are the streaks that you would expect to see if you flipped a fair coin many times.

Classification: M90