



"[They] suggest Clemens performed similarly to his contemporaries. But these comparisons do not provide evidence of his innocence; they simply fail to provide evidence of his guilt," they wrote.

Bradlow said he was moved to begin his research when the headline on a news story on the Clemens report popped up on his computer's home page. It implied that the statistics absolved the pitcher.

A native New Yorker who grew up a Yankees fan and now has Phillies season tickets, Bradlow said that as a baseball fan and a statistician he felt compelled to see if that were so.

"It implied the data suggested innocence," he said. "We say it does not. There's nothing in there that suggests he's guilty, either. But it is clear that the trajectory of his career was different than most of the others we looked at."

The Clemens report pointed out that his late-career success was due to his developing a split-finger fastball to offset a decrease in his fastball's velocity.

"While this may be true," the Penn professors wrote, "it is also just speculation: There is not a single number in the report quantifying the evolution of Clemens' pitch selection."

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