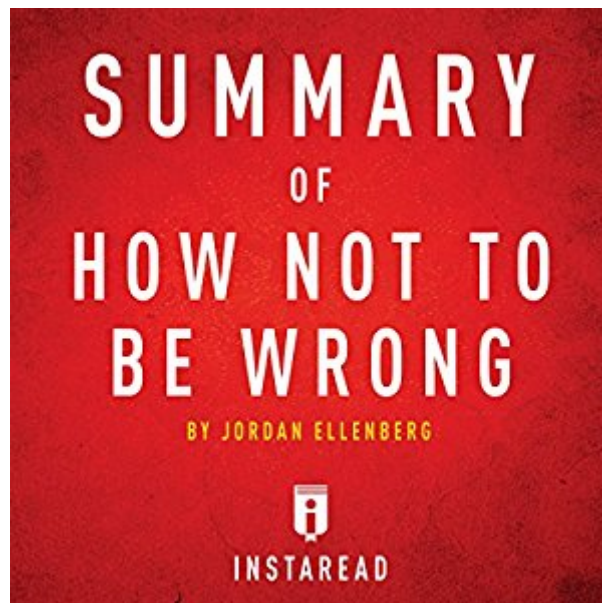




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# **Summary Of How Not To Be Wrong: By Jordan Ellenberg | Includes Analysis**



## Synopsis

Summary of How Not to Be Wrong by Jordan Ellenberg | Includes Analysis How Not to Be Wrong by Jordan Ellenberg attempts to demonstrate real-life applications of mathematics. In schools, students learn math principles in abstract contexts. Math in the real world is used to make accurate predictions, measure impact, evaluate the best choice when a trade-off is needed, and gauge complicated facts. Mathematical understanding gives individuals the ability to determine when unsound logic has been used to arrive at a factually inaccurate conclusion, and how to correct that logic in order "not to be wrong". Inferences require a strong understanding of the implications of certain mathematical tools. Linear projections are one common pitfall: observations tend to regress back to the mean of a set of observations, but people tend to draw linear conclusions, even when a curve better describes and predicts the data. Observed data can also be manipulated, because there is always a chance that false positives will give the impression of an effect where none exists.... Please Note: This is key takeaways and analysis of the book and not the original book. Inside this Instaread summary of How Not to Be Wrong: Overview of the book Important people Key takeaways Analysis of key takeaways

## Book Information

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## Customer Reviews

"How Not to Be Wrong" by Jordan Ellenberg attempts to demonstrate real-life applications of mathematics. In schools, students learn math principles in abstract contexts. Math in the real world is used to make accurate predictions, measure impact, evaluate the best choice when a trade-off is needed, and gauge complicated facts. Mathematical understanding gives individuals the ability to

determine when unsound logic has been used to arrive at a factually inaccurate conclusion, and how to correct that logic in order "not to be wrong." I'm a procrastinator however, and didn't have time to read "How Not to Be Wrong," so I grabbed this Instaread. Like it's title suggests, this book is a really quick read. I didn't have to wade through a thick book, rather I had a distilled and easy summary to skim. If you are ever in a time crunch and need to finish a book, I suggest Instaread. This review included 12 key takeaways, or highlights, which cover the message of the book while being simple to understand. I was given a copy of this book to provide an honest review.

We can all remember studying math in school, and wondering how the formulae and theorems we were forced to memorize had any relationship to real life, right? Well, Jordon Ellerberg's book, *How Not to Be Wrong*, offers a demonstration of real-life applications of mathematics. While some parts of the book are quite technical, much of it is in layman's language, showing even the less-mathematically inclined how to understand numbers and apply them in making rational decisions. Summary of *How Not to Be Wrong* by Jordon Ellerberg by Instaread is a comprehensive analysis of the book, breaking down the main sections and discussing the author's credentials. This 15-minute summary is a neat way to get a look inside new books without having to spring for the full price first. I received a complimentary copy of this book in exchange for my unbiased review.

This is an overview of the actual book *How Not to Be Wrong*. Kind of like an abbreviated Cliff's Notes for the FULL book. It provides a potential reader enough information regarding the book's content to determine if we want to invest the extra money and time to actually buy and read the entire book. This is an interesting study and examination of the changing dynamics in our nation in reference to teaching "mathematics" to modern school students. At .99 cents, this summary is a good value, which is one of the reasons I have personally found Instaread to be a useful service.

If you like mathematics, I think you will really like this book. Most people in school claim that they won't use math in the real world, but this book is all about the real life application of mathematics and how you can use it in order to "not be wrong". The summary is divided into 12 key takeaways that highlight and analyze the main points of the original book. This is an interesting read and will take you less than 30 minutes to read. The summary can help you decide if you'd be interested in

reading the original book. I received a copy of this book in exchange for a review.

The author raised some interesting topics on math in that it has the power to strengthen human thinking. Math has always been an interesting way to try and discover outcomes from politics to gambling. I was given this interesting summary to read and found it thought provoking! Great summary!

A book that brings out the utility and fun in mathematics. I love it. It discusses Bayesian inference, why linear regression (steady progression over time) is an often used, and often inaccurate, model of data, and how negative growth impacts our understanding of proportions. It talks about how figures are used to manipulate our understanding of a situation. It discusses utility of this type of math, from counting cards, to cost-benefit analysis. It then discusses math used badly, from the post hoc ergo propter hoc fallacy (correlation does not mean causation -- my favorite example here is that the number of people who drown in pools annually follows the pattern for the number of films in which Nicolas Cage has appeared annually). It also discusses two points not often discussed -- that axioms change when new information or insight is obtained, and that uncertainty isn't a horrible thing. For people interested in politics, this will help uncover a lot of the statistics games being played. For people interested in math, this is obviously a good choice. It is approachable and entertaining for a casual reader. I received a copy in exchange for an honest review.

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