

# Summary of *Science and Statistics*<sup>\*</sup>

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January 28, 2026

Science is an iteration between theory and data. And statistics is tools that help us learn from those data, but it is not about finding the absolute truth. All models are simplifications, only to help us understand the world better. Fisher is the pioneer of statistics, and we should learn from his attitude towards data in our lives. We should always be skeptical about models and question ourselves about the underlying mechanism behind the data.

Statistics is not mathematics; it is a science that requires subject-matter knowledge, evolving with new methods. Statistics is not a set of formal procedures, either; it requires judgment and context.

The world is growing more complex, and data are becoming more abundant. Statistician need to adapt to the changing world and meet new challenges.

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<sup>\*</sup><https://www.jstor.org/stable/2286841>