

# Reflection 1

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Science doesn't need philosophy, anymore.

I disagree with this statement. Science and philosophy are deeply connected and this relationship is particularly evident in the field of epistemology. Epistemology is the study of knowledge and justified belief. Philosophy provides a framework for understanding the nature of knowledge and belief, which is critical and can be applied to the scientific method. The scientific method is a process of investigation in which problems are identified and their explanations are tested by carrying out experiments. The scientific method is a way of knowing about the world. And philosophy helps clarify the concepts, define terms and formulate hypotheses.

Moreover, philosophy is also important in the field of ethics, which is vital to guide scientific practice. For example, philosophical discussions about the nature of identity and human rights play a significant role in the debate about the ethics of human cloning and even the recent development of AI technology.

Furthermore, philosophy research can challenge the assumptions of science and help scientists to think outside the box, ensuring that science does not operate in an "echo chamber". This interaction between science and philosophy is crucial in preventing science from becoming dogmatic and unable to progress.