

FALSIFIABLE

Meaning: Falsifiable refers to the quality of a hypothesis or theory that allows it to be tested and potentially proven false through observation or experimentation.

1. A scientific theory must be falsifiable in order to be considered truly testable.
2. The researchers emphasized the importance of having a hypothesis that is both clear and falsifiable.
3. In philosophy, a statement is often deemed meaningful only if it can be falsifiable through observation.
4. The concept of falsifiability helps distinguish between scientific claims and those that are purely speculative.
5. Many critics argue that pseudoscientific theories lack a falsifiable framework, making them unscientific.

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