

Curiosity — A Careful Claim Needs More Than a Difference

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Repeated values can reveal how closely entries cluster. That is useful for describing precision within a data card. Accuracy asks a different question: how close is a value to an accepted reference? If no reference is supplied, accuracy remains unknown.

The same distinction protects reasoning about causation. A higher mean in one printed condition may be a pattern worth describing, but a complete causal claim needs a well-defined comparison, relevant controls, and evidence beyond a short fictional table. Good science gives the numbers their proper job and no more.