

Sir Ronald Aylmer Fisher

(17 Feb 1890 - 29 Jul 1962)

- “To call in the statistician after the experiment is done may be no more than asking him to perform a post-mortem examination: he may be able to say what the experiment died of.”

Why Most Published Research Findings Are False

John P. A. Ioannidis

“There is increasing concern that most current published research findings are false. The probability that a research is true may depend on study power and bias, the number of studies on the same question, and importantly, the ratio of true to no relationships among the relationships probed to each scientific field. ...”

Hills Criteria of Causation

Austin Bradford Hill, “The Environment
and Disease: Association or
Causation?”

*Proceedings of the Royal Society of
Medicine*, 58 (1965): 295-300.