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**Mini-Bio:** Deborah G. Mayo is a professor emerita in the Department of Philosophy at Virginia Tech. Her *Error and the Growth of Experimental Knowledge* won the 1998 Lakatos Prize in philosophy of science. She founded the Fund for Experimental Reasoning, Reliability and the Objectivity and Rationality of Science (E.R.R.O.R) which, most recently, sponsored a 2 week [summer seminar](#) in Philosophy of Statistics in 2019 (for 15 faculty in philosophy, psychology, statistics, law and computer science). Her co-director was Aris Spanos (Economics). She blogs at [errorstatistics.com](#). She is a research associate at the London School of Economics: Center for the Philosophy of Natural and Social Science (CPNSS).

### SELECTED PUBLICATIONS:

- *Acceptable Evidence, Science and Values in Risk*, co-edited with R. Hollander. Oxford, 1991.
- *Error and the Growth of Experimental Knowledge*. Chicago 1996.
- *Error and Inference: Recent Exchanges on Experimental Reasoning, Reliability and the Objectivity and Rationality of Science*, co-edited with A. Spanos. CUP, 2010.
- *Statistical Inference as Severe Testing: How to Get Beyond the Statistics Wars*. CUP, 2018.
- "[Frequentist Statistics as a Theory of Inductive Inference](#)," in J. Rojo (ed.) *Optimality: The Second Erich L. Lehmann Symposium*. (IMS), Vol. 49 (2006), 77-97. With Sir David R. Cox. Reprinted in *Error and Inference* (2010), 247-275.
- "[Error-Statistics](#)," in D. Gabbay, P. Thagard, and J. Woods (eds.) *Philosophy of Statistics, Handbook of Philosophy of Science*. Elsevier (2011), 153-198. With Aris Spanos.
- "[Don't Throw out the Error Control Baby with the Bad Statistics Bathwater](#)", *The American Statistician* 70(2) (2016).
- "[Justify Your Alpha](#)", *Nature Human Behavior* 2, (2018), 168-171. With D. Lakens et al. (85 authors)
- "P-value Thresholds: Forfeit at Your Peril" *European Journal of Clinical Investigation* (2019) 49(10): e13170. DOI: [10.1111](#)
- "[P-Values on Trial](#): Selective Reporting of (Best Practice Guides Against) Selective Reporting" *Harvard Data Science Review* (2020) 2.1.