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Tools For Statistical Inference Methods Tools for Statistical Inference Methods for the Exploration of Posterior Distributions and Likelihood Functions. Authors: Tanner, Martin A.

## Statistical Methods - IITK

assess causality requires either randomization or sophisticated methods applied to carefully designed observational studies. In most cases, randomized trials are not feasible in the context of root cause analysis. Using observational data for causal inference, however, presents many challenges in both the design and analysis stages. Methods for observational causal inference often fall outside ...

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(PDF) Basic statistical tools in research and data analysis Methods for dealing with such problems were developed already in the 1970s such as the works of Bellman and Robert 19 and Varah, 20 see also Voit. 21 However, only recently the statistical properties of such approaches were studied. 22 -24 Moreover, in recent years, there seems to be a growing interest in statistical inference for dynamic systems. 16,17 While the classical approach for ...

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