Methodology for Beginners

Description

Step by step I am developing an online tutorial of methodology and present important elements of methodology for medical practitioners and those interested in medicine, for journalists and methodological laypersons and students. In the end, it will become a small study compendium. Guest contributions are welcome.

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English Language Chapters

Part 1 â?? Evidence: An Unreflected Battle Cry

Part 2 â?? Hierarchy Or a Circle of Evidence

Part 3 a?? Consequences of the Hierarchical and Circular Models

Part 4 â?? Evidence Based Medicine in Action

Part 5 â?? On the Relationship between Empiricism and Theory 1

Part 6 â?? Who Needs What? Empiricism and Theory 2

Part 7 â?? Decline Effects and the Public Representation of Scientific Results in the Media

Part 8 â?? Industry Bias â?? a New Form of Bias or an Interesting Experimenter Effect?

Part 9 â?? Inner and Outer Experience â?? Zen and Science

Part 10 â?? Plausibility Bias and the Widespread Opinion That Homeopathy Has Been â??Disprovedâ??

Part 11 â?? How Scientific Is Complementary Medicine?

Part 12 â?? Vitamins: On The Impossibility of Being Able to Examine the Most Important Things in Life in

Studies

Part 13 â?? Power Analysis: The Magic of Statistics

Part 14 â?? Tamiflu â?? â??The Biggest Theft in Historyâ??

Part 15 â?? Can a Meta-analysis Determine Whether the Effects of Homeopathy Differ from Those of Placebo?

Part 16 â?? What Does â?? Scientifically Provenâ?? Mean? â?? The Replication Problem in Research

Part 17 â?? What Is a â??Scientific Factâ??? A Small Case Study: The â??Measles Processâ??

Part 18 â?? Why the Hierarchical Model of the â?? Evidence Based Medicineâ? • Movement Falls Short

Part 19 a?? What Is Scientific Information?

Part 20 â?? Neuromythology â?? What Happens When You Violate Statistical Premises

Part 21 â?? Circle Instead of Hierarchy in a Bayesian Analysis

Part 22 â?? Epidemiology and Infectiology â?? Pitfalls of Bare Figures

Part 23 â?? How Do Meta-Analyses Actually Work?

Part 24 â?? Modelling And Regression

Part 25 â?? Models And Causality

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