

# A Dirty Dozen: Twelve P-Value Misconceptions

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Citation Report

#	ARTICLE	IF	CITATIONS
1	LETTER: Statistics and p-values. Australasian journal of optometry, The, 2009, 92, 454-454.	0.6	2
2	P Value and the Theory of Hypothesis Testing: An Explanation for New Researchers. Clinical Orthopaedics and Related Research, 2010, 468, 885-892.	0.7	116
3	The ongoing tyranny of statistical significance testing in biomedical research. European Journal of Epidemiology, 2010, 25, 225-230.	2.5	174
4	Assessing the size of gene or RNAi effects in multifactor high-throughput experiments. Pharmacogenomics, 2010, 11, 199-213.	0.6	9
5	Strictly Standardized Mean Difference, Standardized Mean Difference and Classical <i>t</i> -test for the Comparison of Two Groups. Statistics in Biopharmaceutical Research, 2010, 2, 292-299.	0.6	34
6	Evidence, Evidence Functions, and Error Probabilities. , 2011, , 513-532.		13
9	Null misinterpretation in statistical testing and its impact on health risk assessment. Preventive Medicine, 2011, 53, 225-228.	1.6	80
10	A novel approach to quantify random error explicitly in epidemiological studies. European Journal of Epidemiology, 2011, 26, 899-902.	2.5	7
11	Transparency and disclosure, neutrality and balance: shared values or just shared words?. Journal of Epidemiology and Community Health, 2012, 66, 967-970.	2.0	27
12	The P value, do you know what it means?. Physiotherapy Practice and Research, 2012, 33, 105-106.	0.1	1
13	Nonsignificance Plus High Power Does Not Imply Support for the Null Over the Alternative. Annals of Epidemiology, 2012, 22, 364-368.	0.9	64
14	Health and nutritional status of Wistar rats following subchronic exposure to CV127 soybeans. Food and Chemical Toxicology, 2012, 50, 956-971.	1.8	22
15	Assessing Compositional Variability through Graphical Analysis and Bayesian Statistical Approaches: Case Studies on Transgenic Crops. Biotechnology and Genetic Engineering Reviews, 2012, 28, 15-32.	2.4	14
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17	Evidence-Based Medicine: What's the Evidence?. Clinical Cardiology, 2012, 35, 259-260.	0.7	3
18	The <i>p</i> -value "a well-understood and properly used statistical concept?. Contact Dermatitis, 2012, 66, 1-3.	0.8	4
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20	The limits of p-values for biological data mining. BioData Mining, 2013, 6, 10.	2.2	13

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22	The researcher and the consultant: a dialogue on null hypothesis significance testing. <i>European Journal of Epidemiology</i> , 2013, 28, 939-944.	2.5	3
23	Multiple testing in orthopedic literature: a common problem?. <i>BMC Research Notes</i> , 2013, 6, 374.	0.6	6
24	Applied statistics in ecology: common pitfalls and simple solutions. <i>Ecosphere</i> , 2013, 4, 1-13.	1.0	46
25	Significance tests or confidence intervals: which are preferable for the comparison of classifiers?. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2013, 25, 189-206.	1.8	18
26	Caveats for using statistical significance tests in research assessments. <i>Journal of Informetrics</i> , 2013, 7, 50-62.	1.4	49
27	Bayesian statistical approaches to compositional analyses of transgenic crops 2. Application and validation of informative prior distributions. <i>Regulatory Toxicology and Pharmacology</i> , 2013, 65, 251-258.	1.3	4
28	Quality of Care of People With Type 2 Diabetes in Eight European Countries. <i>Diabetes Care</i> , 2013, 36, 2628-2638.	4.3	215
29	Reverse-Bayes analysis of two common misinterpretations of significance tests. <i>Clinical Trials</i> , 2013, 10, 236-242.	0.7	16
30	Entropy Measures of Street-Network Dispersion: Analysis of Coastal Cities in Brazil and Britain. <i>Entropy</i> , 2013, 15, 3340-3360.	1.1	20
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33	Bayesian Methods for Evidence Evaluation. <i>Circulation</i> , 2013, 127, 2367-2369.	1.6	5
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35	Much ado about p. What does a p-value mean when testing hypotheses with aggregated cross-cultural data in the field of evolution and human behavior?. <i>Frontiers in Psychology</i> , 2013, 4, 734.	1.1	14
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37	The thresholds for statistical and clinical significance – a five-step procedure for evaluation of intervention effects in randomised clinical trials. <i>BMC Medical Research Methodology</i> , 2014, 14, 34.	1.4	132
38	Acute Stress, Depression, and Anxiety Symptoms Among English and Spanish Speaking Children with Recent Trauma Exposure. <i>Journal of Clinical Psychology in Medical Settings</i> , 2014, 21, 66-71.	0.8	17
39	Interrogating selectivity in catalysis using molecular vibrations. <i>Nature</i> , 2014, 507, 210-214.	13.7	128

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41	Basic Statistics in Cell Biology. <i>Annual Review of Cell and Developmental Biology</i> , 2014, 30, 23-37.	4.0	15
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45	Toxicology research for precautionary decision-making and the role of <i>Human &amp; Experimental Toxicology</i> . <i>Human and Experimental Toxicology</i> , 2015, 34, 1231-1237.	1.1	2
46	Does the <i>P</i> Value Have a Future in Plant Pathology?. <i>Phytopathology</i> , 2015, 105, 1400-1407.	1.1	14
47	Things We Still Haven't Learned (So Far). <i>Journal of Sport and Exercise Psychology</i> , 2015, 37, 449-461.	0.7	24
48	How do I interpret a <i>p</i> value?. <i>Transfusion</i> , 2015, 55, 2778-2782.	0.8	9
49	Features and new physical scales in primordial observables: Theory and observation. <i>International Journal of Modern Physics D</i> , 2015, 24, 1530023.	0.9	152
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51	The meaning of significance in data testing. <i>Frontiers in Psychology</i> , 2015, 6, 1293.	1.1	10
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57	Statistical considerations for preclinical studies. <i>Experimental Neurology</i> , 2015, 270, 82-87.	2.0	26

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61	An unbiased Bayesian approach to functional connectomics implicates social-communication networks in autism. <i>NeuroImage: Clinical</i> , 2015, 8, 356-366.	1.4	30
62	A Recreation of Visual Engagement and the Revelation of World Views in Bronze Age Scotland. <i>Journal of Archaeological Method and Theory</i> , 2015, 22, 584-645.	1.4	7
63	Null hypothesis significance tests. A mix-up of two different theories: the basis for widespread confusion and numerous misinterpretations. <i>Scientometrics</i> , 2015, 102, 411-432.	1.6	76
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72	Die Interpretation des $p$ -Wertes – Grundsätzliche Missverständnisse. <i>Jahrbucher Fur Nationalökonomie Und Statistik</i> , 2016, 236, 557-575.	0.4	6
73	Advances in Bayesian Modeling in Educational Research. <i>Educational Psychologist</i> , 2016, 51, 368-380.	4.7	22
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75	Improving the Quality of the Reporting of Research Results. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2016, 142, 937.	1.2	22

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88	The Enduring Evolution of the <i>P</i> -Value. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 1113.	3.8	55
89	An alarm for a false alarm. <i>Anaesthesia</i> , 2016, 71, 106-108.	1.8	6
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97	Five myths about variable selection. Transplant International, 2017, 30, 6-10.	0.8	345
98	While modern medicine evolves continuously, evidence-based research methodology remains: how register studies should be interpreted and appreciated. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 2305-2308.	2.3	8
99	The Economics of Motorsports. , 2017, , .		11
100	The danger of relying on the interpretation of p-values in single studies: Irreproducibility of results from clinical studies. Progress in Pediatric Cardiology, 2017, 44, 57-61.	0.2	4
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111	Sensitivity Analysis in Observational Research: Introducing the E-Value. Annals of Internal Medicine, 2017, 167, 268.	2.0	2,856

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113	GAD vaccine reduces insulin loss in recently diagnosed type 1 diabetes: findings from a Bayesian meta-analysis. Diabetologia, 2017, 60, 43-49.	2.9	42
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139	Beyond "significance": principles and practice of the Analysis of Credibility. <i>Royal Society Open Science</i> , 2018, 5, 171047.	1.1	29
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141	Big Data Research in Neurosurgery: A Critical Look at this Popular New Study Design. <i>Neurosurgery</i> , 2018, 82, 728-746.	0.6	52
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148	What Do ICU Clinicians Really Need to Know About Statistics. <i>Critical Care Medicine</i> , 2018, 46, 2052-2054.	0.4	0
150	Editorial: Threshold P Values in Orthopaedic Research "We Know the Problem. What is the Solution?. <i>Clinical Orthopaedics and Related Research</i> , 2018, 476, 1689-1691.	0.7	22

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152	<i>P</i> in the right place: Revisiting the evidential value of <i>P</i> values. <i>Journal of Evidence-Based Medicine</i> , 2018, 11, 288-291.	2.4	20
153	Implementation of a Multidisciplinary Diabetes Self-Management Training Class in Acute Rehabilitation. <i>Occupational Therapy in Health Care</i> , 2018, 32, 412-421.	0.2	1
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165	Should significance testing be abandoned in machine learning?. <i>International Journal of Data Science and Analytics</i> , 2019, 7, 247-257.	2.4	4
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