

# **Scientific Validity of Polygraph Testing:**

**A Research Review and Evaluation**

**A TECHNICAL MEMORANDUM**

**Office of Technology Assessment  
United States Congress**

# Scientific Validity Of Polygraph Testing A Research Review And Evaluation

**United States. Congress. Office of  
Technology Assessment**



## **Scientific Validity Of Polygraph Testing A Research Review And Evaluation:**

**Scientific Validity of Polygraph Testing**, 1983      **Scientific Validity of Polygraph Testing** United States. Congress. Office of Technology Assessment, United States Congress, 2003-12-29 This technical memorandum presents the results of the Office of Technology Assessment's OTA review and assessment of the scientific evidence on the validity of polygraph testing OTA has limited this technical memorandum to issues directly related to the scientific validity of the polygraph OTA did not consider utility privacy constitutional and ethical issues among others that have been raised in the debate over polygraph testing We first discuss the various types of polygraph testing procedures and ways in which the polygraph is used and then summarize the judicial legislative and scientific controversy over polygraph testing validity Next we review and evaluate both prior reviews of the scientific research on polygraph validity and the individual research studies Finally we discuss the range of factors that may affect polygraph validity and the possibilities for future research and present OTA's conclusions about the scientific evidence for current and proposed Federal Government polygraph use In preparing this memorandum OTA has drawn on research information available from a wide variety of sources including the major Federal Government polygraph users the American Polygraph Association various private polygraph practitioners and polygraph researchers both in the United States and abroad

**Scientific Validity of Polygraph Testing** Leonard Saxe, 1983      **Polygraph Testing in the Private Work Force** United States. Congress. House. Committee on Education and Labor. Subcommittee on Employment Opportunities, 1987      Annual Report to the Congress for ... United States. Congress. Office of Technology Assessment, 1996

**European Polygraph n.14 2010/4** Jan Widacki, 2010-12-17 James Allan Matte Guiding Principles and Benchmarks for The Conduct of Validity Studies of Psychophysiological Veracity Examinations Using the Polygraph Micha Widacki The Attempts at Detecting Deception Through Evaluation of Non verbal Symptoms Vitas Sald iunas Aleksandras Kovalenko Field and Laboratory Polygraph Examinations Jan Widacki Vladimir Kniazev Detektor lzhy na strazhe istiny Lie Detector Guarding the Truth Print Center Minsk 2009 360 pp book in Russian ISSN 1898 5238

What OTA is, what OTA does, how OTA works United States. Congress. Office of Technology Assessment, 1985      *Legal and Forensic Psychology* Irena Bošković, 2025-02-03 This book seeks to distinguish empirically based knowledge from widespread misconceptions in the fields of legal and forensic psychology Across ten chapters leading scholars contribute different perspectives on their areas of expertise within the fields of legal and forensic psychology providing a comprehensive overview of the historical context and defining characteristics of these two disciplines The first section of the book is dedicated to legal psychology exploring issues such as pseudoscience in lie detection the use of polygraphs and the reliability of eyewitness testimony and memory reports in legal settings The second focuses on forensic psychology addressing topics such as the relationship between criminal behavior and psychopathology symptom validity assessment risk assessment and the treatment of forensic patients As such this vital book will serve as an excellent starting

point for those seeking to educate themselves about these disciplines      **Oversight Hearing on OTA Report** United States. Congress. House. Committee on Education and Labor. Subcommittee on Employment Opportunities,1991      The use of integrity tests for pre-employment screening. ,      *OTA Publications* United States. Congress. Office of Technology Assessment,1990      **European Polygraph n.7, 2009/1** Jan Widacki,2009-02-03 A Field Study on the Validity of the Quadri Track Zone Comparison Technique Probability Assessment of the Value of Psychophysiological Stimuli A Renaissance in Voice Analysers as Tools for Detection of Deception Book review Antagonistic polygraph examination Book review Ocena zezna i wyja nie Book review Multi Subject Polygraph Examination ISSN 1898 5238      **List of Publications** United States. Congress. Office of Technology Assessment,1987      **California. Court of Appeal (2nd Appellate District). Records and Briefs** California (State)., Number of Exhibits 1      **Detecting Concealed Information and Deception** J. Peter Rosenfeld,2018-02-16 Detecting Concealed Information and Deception Recent Developments assembles contributions from the world s leading experts on all aspects of concealed information detection This reference examines an array of different methods behavioral verbal interview and physiological of detecting concealed information Chapters from leading legal authorities address how to make use of detected information for present and future legal purposes With a theoretical and empirical foundation the book also covers new human interviewing techniques including the highly influential Implicit Association Test among others Presents research from Concealed Information Test CIT studies Explores the legal implications and admissibility of the CIT Covers EEG event related brain potentials ERP and autonomic detection measures Reviews multiple verbal lie detection tools Discusses ocular movements during deception and evasion Identifies how to perceive malicious intentions Explores personality dimensions associated with deception including religion age and gender

**Unreason** Kendrick Frazier,Benjamin Radford,2023-10-17 UNREASON Exploring Pseudoscience Conspiracies and Extraordinary Claims is a collection of forty five of the best articles the legendary Skeptical Inquirer magazine has published in the past decade Featuring articles from writers including Neil deGrasse Tyson on the process of science Richard Dawkins on the standards of truth Elizabeth Loftus on memory Steven Pinker on the notion of progress and many others covering topics from the politicization of science to the frightening rise of misinformation each entry in this collection brings scientific examination to bear in order to ferret out the facts and misconceptions behind popular claims All of the articles within are interesting and readable Yet they are also quite diverse Some articles reinforce and complement each other others as happens in science may voice disagreements or differing perspectives But they all have one thing in common a respect for evidence a demand for the best most well tested most scientifically reliable information Readers will learn Why and how conspiracy rumors start spread and readily gain believers How to stay afloat in a sea of disinformation and survive the age of misinformation Why and how we form beliefs and adhere to them so powerfully How and why memory is fallible and what we can do about it How pseudoexperiments mislead the public about science Unreason will arm readers with scientific

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