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| Titolo | Translational speech-language pathology and audiology : essays in honor of Dr. Sadanand Singh / / edited by Robert Goldfarb |
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| ISBN | 1-59756-690-X |
| Descrizione fisica | 1 online resource (387 p.) |
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| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references at the end of each chapters and index. |
| Nota di contenuto | ""Contents""; ""Preface""; ""About the Editor""; ""Contributors""; ""Part I. In Memory of Dr. Sadanand Singh""; ""Essay 1. Eulogy""; ""Essay 2. In the Course of a Lifetime""; ""Essay 3. Milestones and Cases Along the Way""; ""Essay 4. My Personal Journey with a Good Friend and Scholar""; ""Part II. The Nature of Translational Research""; ""Essay 5. Models and Concepts of Translational Research""; ""Essay 6. The Science of Dissemination""; ""Essay 7. Promoting Resilience in Young Children""; ""Essay 8. The Artistry of Practice-Based Evidence (PBE)""; ""Essay 9. SoCal BRIDGE Collaborative""<br>""Part III. Public Health, Education, and Clinical Policy""""""Essay 10. Community and Office-Based Oral, Head, and Neck Cancer Screening and Education""; ""Essay 11. Fostering Patient Compliance by Nurturing Clinical Expertise in Graduate School""; ""Essay 12. The Artistry of Practice-Based Evidence (PBE)""; ""Essay 13. The Interplay Between Legal Policy and Clinical Practice""; ""Essay 14. Overdependence on Technology in the Management of Hearing Loss""; ""Essay 15. Noise Exposure and the Potential Impact on Hearing in the Pediatric Population""<br>""Essay 16. Off-Label Use of Norm-Referenced Tests in Speech-Language Pathology: Insights Gained from Children With Hearing Impairment""""""Part IV. Communication Disorders and Movement |

Science""; ""Essay 17. Collaborating With Exercise Science: Helping Older Adults Maintain Cognition and Communication""; ""Essay 18. Movement Science for the SLP""; ""Essay 19. Verbotonal Body Movements""; ""Essay 20. The Martial Arts of Communication""; ""Essay 21. Storybook Yoga: Integrating Shared Book Reading and Yoga to Nurture the Whole Child""; ""Part V. Audiology and Hearing Science""
""Essay 22. Reflections on Translational Research in Tinnitus and Hyperacusis""""""Essay 23. What Is Auditory Neuropathy?: Translational Studies That Distinguish Inner Hair Cell (IHC) from Auditory-Nerve (AN) Dysfunction""; ""Essay 24. Single and Double Dissociations as a Frame of Reference: Application to Auditory Processing Disorders (APDs)""; ""Essay 25. Establishing the Construct Validity of the Auditory Processing Disorder (APD): Application of Psychometric Theory to Clinical Practice""; ""Essay 26. Hearing Aid Settings for Different Languages""
""Essay 27. Preparing Deaf Children for Regular School""""""Essay 28. Educating Children with Hearing Loss in the Technology Age""; ""Essay 29. Listening to Words: Event-Related Potentials Reveal Cognitive Complexitya€?Implications for Speech Audiometry""; ""Essay 30. Evidence-Based Practice in Audiology: Examples from Prevention and Treatment""; ""Part VI. Speech-Language Science and Speech-Language Pathology""; ""Essay 31. Observations on Speech and Swallowing""; ""Essay 32. Oral Motor Exercises: The Debate""; ""Essay 33. The Impact of Seeing Speech""
""Essay 34. Phonological Processes and Traditional Phoneme Acquisition Norms""

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| Autore | Pons Odile |
| Titolo | Statistical tests of nonparametric hypotheses : asymptotic theory / / Odile Pons, French National Institute for Agronomical Research, France |
| Pubbl/distr/stampa | New Jersey : , : World Scientific, , [2014]<br>2014 |
| ISBN | 981-4531-75-8 |
| Descrizione fisica | 1 online resource (x, 293 pages) : illustrations |
| Collana | Gale eBooks |
| Disciplina | 519.5/4 |
| Soggetti | Nonparametric statistics - Asymptotic theory |
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| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
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| Nota di contenuto | Preface; Contents; 1. Introduction; 1.1 Definitions; 1.2 Rank tests and empirical distribution functions; 1.3 Hypotheses of the tests; 1.4 Weak convergence of the test statistics; 1.5 Tests for densities and curves; 1.6 Asymptotic levels of tests; 1.7 Permutation and bootstrap tests; 1.8 Relative efficiency of tests; 2. Asymptotic theory; 2.1 Parametric tests; 2.2 Parametric likelihood ratio tests; 2.3 Likelihood ratio tests against local alternatives; 2.4 Nonparametric likelihood ratio tests; 2.5 Nonparametric tests for empirical functionals; 2.6 Tests of homogeneity<br>2.7 Mixtures of exponential distributions2.8 Nonparametric bootstrap tests; 2.9 Exercises; 3. Nonparametric tests for one sample; 3.1 Introduction; 3.2 Kolmogorov-Smirnov tests for a distribution function; 3.3 Tests for symmetry of a density; 3.3.1 Kolmogorov-Smirnov tests for symmetry; 3.3.2 Semi-parametric tests, with an unknown center; 3.3.3 Rank test for symmetry; 3.4 Tests about the formof a density; 3.5 Goodness of fit test in biased length models; 3.6 Goodness of fit tests for a regression function; 3.7 Tests about the form of a regression function<br>3.8 Tests based on observations by intervals3.8.1 Goodness of fit tests for a density; 3.8.2 Goodness of fit tests for a regression function; 3.8.3 Tests of symmetry for a density; 3.8.4 Tests of a monotone density; 3.9 Exercises; 4. Two-sample tests; 4.1 Introduction; 4.2 Tests of independence; 4.2.1 Kolmogorov-Smirnov and Cramer-von Mises |

tests; 4.2.2 Tests based on the dependence function; 4.2.3 Tests based on the conditional distribution; 4.3 Test of homogeneity; 4.4 Goodness of fit tests in R2; 4.5 Tests of symmetry for a bivariate density; 4.6 Tests about the form of densities
4.7 Comparison of two regression curves4.8 Tests based on observations by intervals; 4.8.1 Test of independence; 4.8.2 Test of homogeneity; 4.8.3 Comparison of two regression curves; 4.9 Exercises; 5. Multi-dimensional tests; 5.1 Introduction; 5.2 Tests of independence; 5.3 Test of homogeneity of k sub-samples; 5.4 Test of homogeneity of k rescaled distributions; 5.5 Test of homogeneity of several variables of Rk; 5.6 Test of equality of marginal distributions; 5.7 Test of exchangeable components for a random variable; 5.8 Tests in single-indexmodels; 5.9 Comparison of k curves
5.10 Tests in proportional odds models5.11 Tests for observations by intervals; 5.11.1 Test of independence; 5.11.2 Test of homogeneity; 5.11.3 Comparison of k regression curves; 5.12 Competing risks; 5.13 Tests for Markov renewal processes; 5.14 Tests in Rkn as kn tends to infinity; 5.15 Exercises; 6. Nonparametric tests for processes; 6.1 Introduction; 6.2 Goodness of fit tests for an ergodic process; 6.3 Poisson process; 6.4 Poisson processes with scarce jumps; 6.5 Point processes in R+; 6.6 Marked point processes; 6.7 Spatial Poisson processes
6.8 Tests of stationarity for point processes

Sommario/riassunto

An overview of the asymptotic theory of optimal nonparametric tests is presented in this book. It covers a wide range of topics: Neyman-Pearson and LeCam's theories of optimal tests, the theories of empirical processes and kernel estimators with extensions of their applications to the asymptotic behavior of tests for distribution functions, densities and curves of the nonparametric models defining the distributions of point processes and diffusions. With many new test statistics developed for smooth curves, the reliance on kernel estimators with bias corrections and the weak convergence of the

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| Livello bibliografico | Monografia |