Medical Statistics has never been easier!

David E. Matthews
Vernon T. Farewell

Using and Understanding Medical Statistics
5th, revised and extended edition

Matthews, D.E. (Waterloo, Ont.);
Farewell, V.T. (Cambridge)

Using and Understanding Medical Statistics
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The fifth revised edition of this highly successful book presents the most extensive enhancement since Using and Understanding Medical Statistics was first published 30 years ago. Without question, the single greatest change has been the inclusion of source code, together with selected output, for the award-winning, open-source, statistical package known as R. This innovation has enabled the authors to de-emphasize formulae and calculations, and let software do all of the ‘heavy lifting’. This edition also introduces readers to several graphical statistical tools, such as Q-Q plots to check normality, residual plots for multiple regression models, funnel plots to detect publication bias in a meta-analysis and Bland-Altman plots for assessing agreement in clinical measurements. New examples that better serve the expository goals have been added to a half-dozen chapters. In addition, there are new sections describing exact confidence bands for the Kaplan-Meier estimator, as well as negative binomial and zero-inflated Poisson regression models for over-dispersed count data.

The end result is not only an excellent introduction to medical statistics, but also an invaluable reference for every discerning reader of medical research literature.

Contents
Preface to the Fifth Edition
Prefaces to the Previous Editions
• Basic Concepts
• Tests of Significance
• Fisher’s Test for 2×2 Contingency Tables
• Approximate Significance Tests for
  Contingency Tables
• Some Warnings concerning 2×2 Tables
• Kaplan-Meier or ‘Actuarial’ Survival Curves
• The Log-Rank or Mantel-Haenszel Test for
  Comparing Survival Curves
• An Introduction to the Normal Distribution
• Analyzing Normally Distributed Data
• Linear Regression Models for Medical Data
• Binary Logistic Regression
• Regression Models for Count Data
• Proportional Hazards Regression
• The Analysis of Longitudinal Data
• Analysis of Variance
• Data Analysis
• The Question of Sample Size
• The Design of Clinical Trials
• Further Comments regarding Clinical Trials
• Meta-Analysis
• Epidemiological Applications
• Diagnostic Tests
• Agreement and Reliability
References
Subject Index

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<table>
<thead>
<tr>
<th>National and Regional Societies</th>
<th>National and Regional Editors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albanian Society of Cytology</td>
<td>Majlinda Buba Ikonomi</td>
</tr>
<tr>
<td>Sociedad Argentina de Citología</td>
<td>Mercedes Gamboni</td>
</tr>
<tr>
<td>Australian Society of Cytology</td>
<td>Andrew S. Field</td>
</tr>
<tr>
<td>Société Belge de Cytologie Clinique/Belgische Vereniging voor Klinische Cytologie</td>
<td>Claire Bourgain</td>
</tr>
<tr>
<td>Sociedade Brasileira de Citopatologia</td>
<td>Álvaro Piazzeta Pinto</td>
</tr>
<tr>
<td>British Society for Cytopathology</td>
<td>Karin Denton</td>
</tr>
<tr>
<td>The Canadian Society of Cytology/Société Canadienne de Cytologie</td>
<td>Harmanjatinder S. Sekhon</td>
</tr>
<tr>
<td>Česká společnost pro klinickou cytotogii</td>
<td>Jarošlava Dušková</td>
</tr>
<tr>
<td>Sociedad Chilena de Citología</td>
<td>Miguel Socías</td>
</tr>
<tr>
<td>Chinese Society of Cytopathology</td>
<td>Dongge Liu</td>
</tr>
<tr>
<td>Associacion Colombiana de Citología</td>
<td>Lilia M. Osorio Mejia de Gomez</td>
</tr>
<tr>
<td>Croatian Society for Clinical Cytology</td>
<td>Vesna Mahovlić</td>
</tr>
<tr>
<td>Danish Society of Pathologic Anatomy and Clinical Cytology</td>
<td>Doris Schledermann</td>
</tr>
<tr>
<td>Deutsche Gesellschaft für Zytologie</td>
<td>Dietmar Schmidt</td>
</tr>
<tr>
<td>Dutch Society of Pathology</td>
<td>Elle K.J. Risse</td>
</tr>
<tr>
<td>European Federation of Cytological Societies</td>
<td>Martin Tötsch</td>
</tr>
<tr>
<td>Sociedad Española de Citología</td>
<td>Mercedes Santamaria Martínez</td>
</tr>
<tr>
<td>Finnish Society of Clinical Cytology</td>
<td>Leena Krogerus</td>
</tr>
<tr>
<td>La Société Française de Cytologie Clinique</td>
<td>Marie-Cécile Vacher Lavenu</td>
</tr>
<tr>
<td>Hong Kong Society of Cytology</td>
<td>Nancy Yuen</td>
</tr>
<tr>
<td>Magyar Pathologiesok Tarasasa-Cytodiagnosticski Sectio</td>
<td>László Vass</td>
</tr>
<tr>
<td>Indian Academy of Cytologists</td>
<td>Manjula Jain</td>
</tr>
<tr>
<td>Iranian Society of Clinical Cytology</td>
<td>Mansoureh Mehzad</td>
</tr>
<tr>
<td>Società Italiana di Citologia</td>
<td>Patrizia Maioli</td>
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<td>Sonia Prandi</td>
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<td>José P. Schalper</td>
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<tr>
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<td>Oralia Barboza Quintana</td>
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<td>Norsk Forening for Klinisk Cytologi</td>
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Liquid-Based Techniques in Non-Gynecological Cytology
From Morphology to Molecular Methods

Editors
Adhemar Longatto-Filho
Kari J. Syrjänen

Contents

Editorial
Liquid-Based Cytology: A 25-Year Bridge between the Pap Smear and Molecular Cytopathology: Zeppa, P.

Reviews
Overview of Nongynecological Samples Prepared with Liquid-Based Cytology Medium: Ren, S.; Solomides, C.; Draganova-Tcheva, R.; Bibbo, M.
Liquid-Based Cytology in Fine-Needle Aspiration of Breast Lesions: A Review: Gerhard, R.; Schmitt, F.C.
The Nightmare of Indeterminate Follicular Proliferations: When Liquid-Based Cytology and Ancillary Techniques Are Not a Moon Landing but a Realistic Plan: Rossi, E.D.; Fadda, G.; Schmitt, F.
The Implementation of Liquid-Based Cytology for Lung and Pleural-Based Diseases: Michael, C.W.; Bedrossian, C.C.W.M.
Is Liquid-Based Cytology the Magic Bullet for Performing Molecular Techniques?: Abedi-Ardekani, B.; Vielh, P.

Original Articles
Micronucleus Evaluation of Exfoliated Buccal Epithelial Cells Using Liquid-Based Cytology Preparation: Ramos, M.A.; Curry, F.D.; Scapulatempo Neto, C.; Marques, M.M.C.; Silveira, H.C.S.
Epidermal Growth Factor Receptor Test Performed on Liquid-Based Cytology Lung Samples: Experience of an Academic Referral Center: Believic, C.; Malapelle, U.; Vigliar, E.; de Luca, C.; Troncone, G.

Author Index / Subject Index
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Contents

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Selected contributions

- Principles of Rehabilitation and Reactivation: Intermittent Lung Disease, Sarciodis and Rheumatoid Disease with Respiratory Involvement: Holland, A.E.; Dowman, L.M.; Hill, C.J. (Melbourne, Vic.)
- Decline in Asthma Prevalence and Severity in Israel over a 10-Year Period: Cohen, S.; Berkman, N.; Avital, A.; Springer, C.; Kordoba, L.; Haklai, Z. (Jerusalem); Eshel, A.; (Tel Aviv); Goldberg, S.; Picard, E. (Jerusalem)
- Guideline for the Acquisition and Preparation of Conventional and Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration Specimens for the Diagnosis and Molecular Testing of Patients with Known or Suspected Lung Cancer: van der Heijden, E.H.F.M. (Nijmegen); Casal, R.F. (Houston, Tex.); Trisolini, R. (Bologna); Steinfort, D.P. (Parkville, Vic.); Hwangbo, B.; Nakajima, T. (Chiba); Guldhammer-Skov, B. (Copenhagen); Rossi, G. (Modena); Ferretti, M. (Baltimore, Md.); Yung, R. (Baltimore, Md.); Krasnik, M. (Copenhagen) on behalf of the World Association for Bronchology and Interventional Pulmonology Task Force on Specimen Guidelines
- Exercise Training-Based Pulmonary Rehabilitation Program Is Clinically Beneficial for Idiopathic Pulmonary Fibrosis: Vainselboim, B. (Petach Tikva/Porto); Oliveira, J. (Porto); Yehoshua, L.; Weiss, I. (Petach Tikva) Fox, B.D.; Fruchter, O.; Kramer, M.R. (Petach Tikva/Tel Aviv)
- The Importance of Continuity in Exhaler Device Choice for Asthma and Chronic Obstructive Pulmonary Disease: Bjørner, L. (Lund)
- Aerosolized Antibiotics for Non-Cystic Fibrosis Bronchiectasis: Rubin, B.K.; Williams, R.W. (Richmond, Va.)

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Review

1 Fine-Needle Aspiration Followed by Core-Needle Biopsy in the Same Setting: Modifying Our Approach
Joudeh, A.A.; Shareef, S.Q.; Al-Abbadi, M.A. (Dammam)

Fine Needle Aspiration

14 Cytological Diagnosis of Follicular Variant of Papillary Thyroid Carcinoma before and after the Bethesda System for Reporting Thyroid Cytopathology
Fazeli, R.; VandenBussche, C.J.; Bishop, J.A.; Ali, S.Z. (Baltimore, Md.)

19 Nodular Fasciitis: Definitive Diagnosis by Fine Needle Aspiration
Berry, A.B.; Jaffee, I.; Greenberg, M.; Eisele, D.W.; Ljung, B.-M. (San Francisco, Calif.)

25 Differentiation between Melanin-Laden Macrophages and Melanoma Cells in Vitreous Aspirates
Iakovlev, E. (Essex); Ghorab, Z.; Krema, H.; Iakovlev, V.; Kertes, P.; Yucey, Y. (Toronto, Ont.)

31 The Role of Fine Needle Aspiration of Orbital Lesions: A Case Series

39 Thyroid Ultrasound-Guided Fine-Needle Aspiration: The Positive Influence of On-Site Adequacy Assessment and Number of Needle Passes on Diagnostic Cytology Rate

Nongynecologic Cytopathology

53 Cannonballs in Pap Smears: Double Whammy of Bacterial Vaginosis and Associated Infections
Krishnamurthy, V.; Satish, S.; Vimalambike, M.G. (Mysuru)

58 Cytokines of Cervical Mucosa and Human Papilloma Virus Infection of the Cervix: A Descriptive Study

Gynecologic Cytopathology

46 Endometrial Adenocarcinoma in SurePath™ Cervical Samples: Cytological Features Revisited
Gupta, N. (Chandigarh); Crossley, J.; Dudding, N.; Smith, J.H.F. (Sheffield)

46 Endometrial Adenocarcinoma in SurePath™ Cervical Samples: Cytological Features Revisited
Gupta, N. (Chandigarh); Crossley, J.; Dudding, N.; Smith, J.H.F. (Sheffield)

Techniques

74 Diagnostic Utility of Bronchial Brush-Tip Washings for the Immunohistochemical Assessment of Peripheral Lung Lesions

79 Validation of the Modification of the Prolonged Papanicolaou Stain for the Diagnosis of Cervical Cancer
Moya-Salazar, J.; Rojas-Zumaran, V. (Lima)

Novel Insights from Clinical Practice

85 Pitfalls and Key Features of a Case of Sclerosing Pneumocytoma: A Cytological Challenge?
Onorati, M.; Nicola, M.; Bianchi, C.L.; Bini, F.; Bellaviti, N.; Di Nuovo, E. (Garbagnate Milanese)

89 Fine-Needle Aspiration Cytology of Intranodal Palisaded Myofibroblastoma of the Inguinal Lymph Node
Xie, J.; Pu, C.; Silverman, J.F. (Pittsburgh, Pa.)

Cover illustration
Large cluster of cohesive spindle cells with a central core matrix (left) and spindle cells in short fascicles with fibrillary eosinophilic cytoplasm (right). From Xie et al., pp. 89–92.