

1. Record Nr.	UNINA9910131513203321
Titolo	From "Stone-Age" to "Real-Time" : exploring Papuan temporalities, mobilities and religiosities // edited by Martin Slama and Jenny Munro
Pubbl/distr/stampa	Canberra, Australia : , : Australian National University Press, , 2015 ©2015
ISBN	1-925022-43-9
Descrizione fisica	1 online resource (284 p.)
Collana	Monographs in Anthropology Series
Disciplina	304.809598
Soggetti	Migration, Internal - Indonesia - Papua Religion and culture - Indonesia - Papua Electronic books. Papua (Indonesia) Social life and customs Papua (Indonesia) Civilization Papua (Indonesia) History
Lingua di pubblicazione	Inglese
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.
Nota di contenuto	Contents; List of Contributors; Illustrations; 1. From 'Stone-Age' to 'Real-Time': Exploring Papuan Temporalities, Mobilities and Religiosities - An Introduction; 2. Demonstrating the Stone-Age in Dutch New Guinea; 3. From Primitive Other to Papuan Self: Korowai Engagement with Ideologies of Unequal Human Worth in Encounters with Tourists, State Officials and Education; 4. Papua Coming of Age: The Cycle of Man's Civilisation and Two Other Papuan Histories; 5. Under Two Flags: Encounters with Israel, Merdeka and the Promised Land in Tanah Papua 6. Hip Hop in Manokwari: Pleasures, Contestations and the Changing Face of Papuanness 7. 'Now we know shame': Malu and Stigma among Highlanders in the Papuan Diaspora; 8. Torture as a Mode of Governance: Reflections on the Phenomenon of Torture in Papua, Indonesia; 9. 'Living in HIV-land': Mobility and Seropositivity among Highlands Papuan Men; 10. Papua as an Islamic Frontier: Preaching in 'the Jungle' and the Multiplicity of Spatio-Temporal Hierarchisations

2. Record Nr.	UNINA9911020469103321
Titolo	Batch effects and noise in microarray experiments, sources, and solutions / / edited by Andreas Scherer
Pubbl/distr/stampa	Chichester, West Sussex ; ; Hoboken, : J. Wiley, 2009
ISBN	9786612379505 9781282379503 128237950X 9780470685983 0470685980 9780470685990 0470685999
Descrizione fisica	1 online resource (282 p.)
Collana	Wiley Series in Probability and Statistics ; ; v.868
Altri autori (Persone)	SchererAndreas <1966->
Disciplina	572.8/636
Soggetti	DNA microarrays DNA microarrays - Experiments
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Batch Effects and Noise in Microarray Experiments; Contents; List of Contributors; Foreword; Preface; 1 Variation, Variability, Batches and Bias in Microarray Experiments: An Introduction; 2 Microarray Platforms and Aspects of Experimental Variation; 2.1 Introduction; 2.2 Microarray Platforms; 2.2.1 Affymetrix; 2.2.2 Agilent; 2.2.3 Illumina; 2.2.4 Nimblegen; 2.2.5 Spotted Microarrays; 2.3 Experimental Considerations; 2.3.1 Experimental Design; 2.3.2 Sample and RNA Extraction; 2.3.3 Amplification; 2.3.4 Labeling; 2.3.5 Hybridization; 2.3.6 Washing; 2.3.7 Scanning 2.3.8 Image Analysis and Data Extraction 2.3.9 Clinical Diagnosis; 2.3.10 Interpretation of the Data; 2.4 Conclusions; 3 Experimental Design; 3.1 Introduction; 3.2 Principles of Experimental Design; 3.2.1 Definitions; 3.2.2 Technical Variation; 3.2.3 Biological Variation; 3.2.4 Systematic Variation; 3.2.5 Population, Random Sample, Experimental and Observational Units; 3.2.6 Experimental Factors; 3.2.7 Statistical Errors; 3.3 Measures to Increase Precision and Accuracy; 3.3.1

Randomization; 3.3.2 Blocking; 3.3.3 Replication; 3.3.4 Further Measures to Optimize Study Design  
3.4 Systematic Errors in Microarray Studies3.4.1 Selection Bias; 3.4.2 Observational Bias; 3.4.3 Bias at Specimen/Tissue Collection; 3.4.4 Bias at mRNA Extraction and Hybridization; 3.5 Conclusion; 4 Batches and Blocks, Sample Pools and Subsamples in the Design and Analysis of Gene Expression Studies; 4.1 Introduction; 4.1.1 Batch Effects; 4.2 A Statistical Linear Mixed Effects Model for Microarray Experiments; 4.2.1 Using the Linear Model for Design; 4.2.2 Examples of Design Guided by the Linear Model; 4.3 Blocks and Batches; 4.3.1 Complete Block Designs; 4.3.2 Incomplete Block Designs  
4.3.3 Multiple Batch Effects4.4 Reducing Batch Effects by Normalization and Statistical Adjustment; 4.4.1 Between and Within Batch Normalization with Multi-array Methods; 4.4.2 Statistical Adjustment; 4.5 Sample Pooling and Sample Splitting; 4.5.1 Sample Pooling; 4.5.2 Sample Splitting: Technical Replicates; 4.6 Pilot Experiments; 4.7 Conclusions; Acknowledgements; 5 Aspects of Technical Bias; 5.1 Introduction; 5.2 Observational Studies; 5.2.1 Same Protocol, Different Times of Processing; 5.2.2 Same Protocol, Different Sites (Study 1); 5.2.3 Same Protocol, Different Sites (Study 2)  
5.2.4 Batch Effect Characteristics at the Probe Level5.3 Conclusion; 6 Bioinformatic Strategies for cDNA-Microarray Data Processing; 6.1 Introduction; 6.1.1 Spike-in Experiments; 6.1.2 Key Measures - Sensitivity and Bias; 6.1.3 The IC Curve and MA Plot; 6.2 Pre-processing; 6.2.1 Scanning Procedures; 6.2.2 Background Correction; 6.2.3 Saturation; 6.2.4 Normalization; 6.2.5 Filtering; 6.3 Downstream Analysis; 6.3.1 Gene Selection; 6.3.2 Cluster Analysis; 6.4 Conclusion; 7 Batch Effect Estimation of Microarray Platforms with Analysis of Variance; 7.1 Introduction  
7.1.1 Microarray Gene Expression Data

---

#### Sommario/riassunto

Batch Effects and Noise in Microarray Experiments: Sources and Solutions looks at the issue of technical noise and batch effects in microarray studies and illustrates how to alleviate such factors whilst interpreting the relevant biological information. Each chapter focuses on sources of noise and batch effects before starting an experiment, with examples of statistical methods for detecting, measuring, and managing batch effects within and across datasets provided online. Throughout the book the importance of standardization and the value of standard operating procedures in the devel

---