

Contents

<i>List of Contributors</i>	page vii
Introduction <i>Louis Tay, Sang Eun Woo, and Tara Behrend</i>	i
PART I FOUNDATIONS	
1 Machine Learning Algorithms and Measurement <i>Q. Chelsea Song, Ivan Hernandez, Hyun Joo Shin, Meaghan M. Tracy, and Mengqiao Liu</i>	ii
2 Toward Improved Workplace Measurement with Passive Sensing Technologies: Opportunities and Challenges <i>Munmun De Choudhury</i>	46
3 Information Privacy: Challenges and Opportunities for Technology and Measurement <i>Heng Xu and Nan Zhang</i>	107
PART II GLOBAL PERSPECTIVES ON KEY METHODS/TOPICS	
4 Social Media Assessments around the Globe <i>Hanyi Min and Cristina Gonzalez</i>	131
5 Game-Based Assessment around the Globe: International Differences in Privacy, Legality, and Applicant Reaction Concerns <i>Richard N. Landers, Vivien Lee, and Chulin Chen</i>	157
6 Mobile Sensing around the Globe: Considerations for Cross-Cultural Research <i>Le Vy Phan, Nick Modersitzki, Kim K. Gloystein, and Sandrine R. Müller</i>	176

vi	<i>Contents</i>	
PART III REGIONAL FOCUS		
7	Technology and Measurement in Asia <i>Q. Chelsea Song, Hyun Joo Shin, Nakul Upadhyya, and Timothy Teo</i>	213
8	Technology-Enabled Measurement in Singapore <i>David Chan</i>	239
9	A European Perspective on Psychometric Measurement Technology <i>Nigel Guenole, Cicek Svensson, Bart Wille, Kristina Aloyan, and Peter Saville</i>	271
10	Testing and Measurement in North America with a Focus on Transformation <i>Liberty Munson</i>	308
11	Technology and Measurement Challenges in Education and the Labor Market in South America <i>Filip De Fruyt, Toon Devloo, Ana Carolina Zuanazzi, Thais Brandão, Ricardo Primi, Fabiano Koich Miguel, and Juliana Seidl</i>	326
12	Reflections on Testing, Assessment, and the Future <i>Fred Oswald and Tara Behrend</i>	349
	<i>Index</i>	360