Contents

List	t of contributors	vi
1	International trade and transportation: an introduction Bruce A. Blonigen and Wesley W. Wilson	1
PAI	RTI MODELING AND ESTIMATING INTERNATIONAL TRADE PATTERNS	
2	Gravity, distance, and international trade Scott L. Baier, Amanda Kerr and Yoto V. Yotov	15
3	International trade data and empirical patterns Peter H. Egger and Yvonne Wolfmayr	79
4	Gravity models in air transport research: a survey and an application Yahua Zhang, Faqin Lin and Anming Zhang	141
PAI	RT II TRANSPORT COSTS AND INTERNATIONAL TRADE	
5	Trade costs and international trade flows: methodologies, data, and empirical evidence Michael O. Moore	161
6	Transport costs, trade, and geographic concentration: evidence from Canada Kristian Behrens and W. Mark Brown	188
7	Offshoring and transport costs Holger Görg and Aoife Hanley	236
8	Transportation costs and trade for differentiated agricultural products Dragan Miljkovic	259
9	Environmental issues in international trade and transportation James J. Corbett and James J. Winebrake	275
PAI	RT III AGENTS OF INTERNATIONAL TRADE	
10	Firms in international trade Federico J. Díez, Jesse Mora and Alan C. Spearot	299
11	Trade costs and the role of international trade intermediaries Bernardo S. Blum, Sebastian Claro and Ignatius J. Horstmann	337

vi	Handbook of international trade and transportation	
12	Transportation cost and the geography of foreign investment Laura Alfaro and Maggie Xiaoyang Chen	369
PA	RT IV LOGISTICS	
13	Trade logistics and seaborne transportation Wayne K. Talley and Sara Russell Riggs	409
14	Transportation and trade interactions: a trade facilitation perspective Jerónimo Carballo, Georg Schaur and Christian Volpe Martincus	
PA	RT V TRANSPORT INFRASTRUCTURE FOR INTERNATIONAL TRADE	
15	DEA and transportation efficiency Kevin Hyosoo Park and Young-Tae Chang	
16	Trade costs, trade, and port efficiency Bruce A. Blonigen and Wesley W. Wilson	
17	Getting port governance right Peter de Langen and Periklis Saragiotis	
18	Vessel size, investments and trade Lixian Fan, Xinlu Li, Sijie Zhang and Zimeng Zhang	518
PA	RT VI TRANSPORT NETWORKS IN INTERNATIONAL TRADE	
19	Trade and transport modes: the search for global connectivity through transport networks Theo Notteboom	541
20	Benefits, challenges and trends for regional transport connectivity in Asia Peter O'Neill	
21	Euro-Asian overland transport links: prospects and challenges Miroslav N. Jovanović, Jelena Damnjanović and Jovan Njegić	
22	Panama Canal Wilson and Javier D. Ho	
23	Competition and the container liner shipping industry Hilde Meersman, Christa Sys, Eddy Van de Voorde and Thierry Vanelslander	660
Ind	irms in International trade	679