

Ichapters Textbooks

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R for Data Science Sep 23 2019 Learn how to use R to turn raw data into insight, knowledge, and understanding. This book introduces you to R, RStudio, and the tidyverse, a collection of R packages designed to work together to make data science fast, fluent, and fun. Suitable for readers with no previous programming experience, R for Data Science is designed to get you doing data science as quickly as possible. Authors Hadley Wickham and Garrett Grolemund guide you through the steps of importing, wrangling, exploring, and modeling your data and communicating the results. You'll get a complete, big-picture understanding of the data science cycle, along with basic tools you need to manage the details. Each section of the book is paired with exercises to help you practice what you've learned along the way. You'll learn how to: Wrangle—transform your datasets into a form convenient for analysis Program—learn powerful R tools for solving data problems with greater clarity and ease Explore—examine your data, generate hypotheses, and quickly test them Model—provide a low-dimensional summary that captures true "signals" in your dataset Communicate—learn R Markdown for integrating prose, code, and results

Magnolia Table Dec 19 2021 #1 New York Times Bestseller Magnolia Table is infused with Joanna Gaines' warmth and passion for all things family, prepared and served straight from the heart of her home, with recipes inspired by dozens of Gaines family favorites and classic comfort selections from the couple's new Waco restaurant, Magnolia Table. Jo believes there's no better way to celebrate family and friendship than through the art of togetherness, celebrating tradition, and sharing a great meal. Magnolia Table includes 125 classic recipes—from breakfast, lunch, and dinner to small plates, snacks, and desserts—presenting a modern selection of American classics and personal family favorites. Complemented by her love for her garden, these dishes also incorporate homegrown, seasonal produce at the peak of its flavor. Inside Magnolia Table, you'll find recipes the whole family will enjoy, such as: Chicken Pot Pie Chocolate Chip Cookies Asparagus and Fontina Quiche Brussels Sprouts with Crispy Bacon, Toasted Pecans, and Balsamic Reduction Peach Caprese Overnight French Toast White Cheddar Bisque Fried Chicken with Sticky Poppy Seed Jam Lemon Pie Mac and Cheese Full of personal stories and beautiful photos, Magnolia Table is an invitation to share a seat at the table with Joanna Gaines and her family.

[Textbooks of Military Medicine: Recruit Medicine](#) Feb 09 2021 Covers important aspects of recruit medicine, such as the medical qualifications process; health promotion and environmental risk management; chronic diseases such as asthma; injury prevention and management; communicable illnesses; behavior, dental, and women's health; and recruit mortality.

The Trouble with Textbooks Aug 15 2021 The Trouble with Textbooks sounds the alarm about how textbooks disparage some groups and teach historical distortions. Our schools are supposed to instill young people with American values and provide students with the knowledge necessary for good citizenship. Instead, textbooks are filled with mistakes and misrepresentations. Book jacket.

Glencoe Health, Student Edition Sep 28 2022 Correlated to the national health education standards, this is the program you can trust! Glencoe Health is a research-based program that will give your students the skills they need to stand up to peer pressure, avoid risky behaviors, and develop the resilience they need to handle the changes they'll face during their school years...and throughout their lives.

[Trying Biology](#) May 24 2022 In Trying Biology, Adam R. Shapiro convincingly dispels many conventional assumptions about the 1925 Scopes "monkey" trial. Most view it as an event driven primarily by a conflict between science and religion. Countering this, Shapiro shows the importance of timing: the Scopes trial occurred at a crucial moment in the history of biology textbook publishing, education reform in Tennessee, and progressive school reform across the country. He places the trial in this broad context—alongside American Protestant antievolution sentiment—and in doing so sheds new light on the trial and the historical relationship of science and religion in America. For the first time we see how religious objections to evolution became a prevailing concern to the American textbook industry even before the Scopes trial began. Shapiro explores both the development of biology textbooks leading up to the trial and the ways in which the textbook industry created new books and presented them as "responses" to the trial. Today, the controversy continues over textbook warning labels, making Shapiro's study—particularly as it plays out in one of America's most famous trials—an original contribution to a timely discussion.

[Oxford Textbook of Sleep Disorders](#) Sep 16 2021 There has been a rapid global increase in the number of individuals making sleep medicine their career, resulting in an explosive growth in the number of sleep centres and programmes, as well as an increasing number of sleep societies and journals. Part of the Oxford Textbooks in Clinical Neurology series, the Oxford Textbook of Sleep Disorders covers the rapid advances in scientific, technical, clinical, and therapeutic aspects of sleep medicine which have captivated sleep scientists and clinicians. This text aims to introduce sleep disorders within the context of classical neurological diseases, giving an in-depth coverage of the topic in a logical and orderly way, while emphasizing the practical aspects in a succinct and lucid manner. Divided into 12 sections, this book begins by discussing the basic science (Section 1), before moving onto the laboratory evaluation (Section 2) and the clinical science (Section 3). The remainder of the book focuses on specific sleep disorders (Sections 4-12), from insomnias and parasomnias to sleep neurology and sleep and psychiatric disorders. Chapters are supplemented by tables, case reports, and illustrations intended to succinctly provide relevant information in a practical manner for diagnosis and treatment of sleep disorders, while

always emphasizing clinical-behavioural-laboratory correlations.

Comparative Perspectives on School Textbooks Jun 13 2021 This book examines the discourses on nation-building, civic identity, minorities, and the formation of religious identities in school textbooks worldwide. It offers up-to-date, practical, and scholarly information on qualitative and mixed-method textbook analysis, as well as the broader context of critical comparative textbook and curriculum analyses in and across selected countries. The volume offers unique and empirical research on how internal educational policies and ideological goals of dominant social, political, and economic groups affect textbook production and the curricular aims in different educational systems worldwide. Chapters address the role of school textbooks in developing nationhood, the creation of citizenship through school textbooks, the complexity of gender in normative discourses, and the intersection of religion and culture in school textbooks.

State Law Relating to Transportation and Textbooks for Parochial School Students and Constitutional Protection of Religious Freedom May 12 2021

U.S. History Jul 22 2019 Published by OpenStax College, U.S. History covers the breadth of the chronological history of the United States and also provides the necessary depth to ensure the course is manageable for instructors and students alike. U.S. History is designed to meet the scope and sequence requirements of most courses. The authors introduce key forces and major developments that together form the American experience, with particular attention paid to considering issues of race, class and gender. The text provides a balanced approach to U.S. history, considering the people, events and ideas that have shaped the United States from both the top down (politics, economics, diplomacy) and bottom up (eyewitness accounts, lived experience).

Evaluating School Textbooks Apr 11 2021

Ancient Greek I Jan 08 2021 In this elementary textbook, Philip S. Peek draws on his twenty-five years of teaching experience to present the ancient Greek language in an imaginative and accessible way that promotes creativity, deep learning, and diversity. The course is built on three pillars: memory, analysis, and logic. Readers memorize the top 250 most frequently occurring ancient Greek words, the essential word endings, the eight parts of speech, and the grammatical concepts they will most frequently encounter when reading authentic ancient texts. Analysis and logic exercises enable the translation and parsing of genuine ancient Greek sentences, with compelling reading selections in English and in Greek offering starting points for contemplation, debate, and reflection. A series of embedded Learning Tips help teachers and students to think in practical and imaginative ways about how they learn. This combination of memory-based learning and concept- and skill-based learning gradually builds the confidence of the reader, teaching them how to learn by guiding them from a familiarity with the basics to proficiency in reading this beautiful language. *Ancient Greek I: A 21st-Century Approach* is written for high-school and university students, but is an instructive and rewarding text for anyone who wishes to learn ancient Greek.

Textbooks in American Society Oct 17 2021 In recent years, textbooks have been widely criticized for low standards, lack of imaginativeness, and insensitivity to racial and gender issues. Increasingly, they are cited as another "weak link" in American public education. This book goes beyond the headlines to examine how textbooks are produced, how they are selected, and what pressures are placed on textbook authors and publishers. The book focuses on the relationship of the textbook to the educational system and includes important issues such as the politics of textbook policy, the determinants of textbook content, the role of textbooks in educational reform, and the process of selection at the state level. The authors offer current research on textbook policy including perspectives from those directly involved with textbooks--from several thoughtful analyses by textbook editors and publishers to the views of California's Superintendent of Public Instruction.

English Language Teaching Textbooks Oct 25 2019 English language teaching textbooks (or coursebooks) play a central role in the life of a classroom. This edited volume contains research-informed chapters focusing on: analysis of textbook content; how textbooks are used in the classroom; and textbook writers' accounts of the materials writing, design, and publishing process.

Catalogue of High-school & College Textbooks, Including a Complete Index & Price List 1911 Sep 04 2020

Deep Learning Aug 23 2019 An introduction to a broad range of topics in deep learning, covering mathematical and conceptual background, deep learning techniques used in industry, and research perspectives. "Written by three experts in the field, *Deep Learning* is the only comprehensive book on the subject." —Elon Musk, cochair of OpenAI; cofounder and CEO of Tesla and SpaceX Deep learning is a form of machine learning that enables computers to learn from experience and understand the world in terms of a hierarchy of concepts. Because the computer gathers knowledge from experience, there is no need for a human computer operator to formally specify all the knowledge that the computer needs. The hierarchy of concepts allows the computer to learn complicated concepts by building them out of simpler ones; a graph of these hierarchies would be many layers deep. This book introduces a broad range of topics in deep learning. The text offers mathematical and conceptual background, covering relevant concepts in linear algebra, probability theory and information theory, numerical computation, and machine learning. It describes deep learning techniques used by practitioners in industry, including deep feedforward networks, regularization, optimization algorithms, convolutional networks, sequence modeling, and practical methodology; and it surveys such applications as natural language processing, speech recognition, computer vision, online recommendation systems, bioinformatics, and videogames. Finally, the book offers research perspectives, covering such theoretical topics as linear factor models, autoencoders, representation learning, structured probabilistic models, Monte Carlo methods, the partition function, approximate inference, and deep generative models. *Deep Learning* can be used by undergraduate or graduate students planning careers in either industry or research, and by software engineers who want to begin using deep learning in their products or platforms. A website offers supplementary material for both readers and instructors.

Oxford Textbook of Neuroimaging Jun 25 2022 Part of the Oxford Textbooks in Clinical Neurology series, the *Oxford Textbook of Neuroimaging* provides an overview of the established and latest neuroimaging methodologies, and illustrates their application to the main diseases of the brain and the spinal cord including movement disorders, headache and stroke. In addition, assessments of neuroimaging techniques in both adult and paediatric neurological conditions are included, enabling thorough examples from both age groups. This full-colour book contains 280 detailed photographs and illustrations that enable a clear understanding of each technique. Covering the newest advances, each different imaging technique is comprehensively described, providing a practical relevance and a stimulus for more in-depth readings. The print edition is supplemented with a concurrent online edition, which allows access to the full content of the textbook, contains links from the references to primary research journal articles, and provides access to figures and tables that can be downloaded by the user. Providing a balanced state-of-the-art guide to neuroimaging for neurologists and radiologists, this title will enhance understanding of the pathophysiological basis of neurological conditions and will help set the stage for future research.

According to the Book Apr 23 2022 How are curriculum policies translated into opportunities to learn in the classroom? *According to the Book* presents findings from the largest cross-national study of textbooks carried out to date - the curriculum analysis of the 1995 Third International Mathematics and Science Study (TIMSS). This study included a detailed, page-by-page, inventory of the mathematics and science content, pedagogy, and other characteristics collected from hundreds of textbooks in over forty countries. Drawing on these data, the authors investigate the rhetorical and pedagogical features of textbooks to understand how they promote and constrain educational opportunities. They investigate how textbooks are constructed and how they structure diverse elements into prescriptions for teaching practice. The authors break new ground in understanding textbooks in terms of different educational opportunities that they make possible. The book examines policy implications from these new understandings. In particular, conclusions are offered regarding the role of textbooks in curriculum-driven educational reform, in light of their role as promoters of qualitatively distinct educational opportunities.

Textbooks and War Jul 14 2021 This volume reflects on the role played by textbooks in the complex relationship between war and education from a

historical and multinational perspective, asking how textbook content and production can play a part in these processes. It has long been established that history textbooks play a key role in shaping the next generation's understanding of both past events and the concept of 'friend' and 'foe'. Considering both current and historical textbooks, often through a bi-national comparative approach, the editors and contributors investigate various important aspects of the relationships between textbooks and war, including the role wars play in the creation of national identities (whether the country is on the winning or losing side), the effacement of international wars to highlight a country's exceptionalism, or the obscuring of intra-national conflict through the ways in which a civil war is portrayed. This pioneering book will be of interest and value to students and scholars of textbooks, educational media and the relationships between curricula and war.

The Trouble with Textbooks Mar 10 2021 Our elementary, middle, and high school teaching about Jews, Judaism, and Israel is driven by textbook misstatements about Jewish theology, social structure, and the history of Israel that comprise an unsavory picture of Jews and Israel. This book will be an extremely valuable reference tool for educators and members of the public interested in religion and the Middle East.

The Colonial Past in History Textbooks Nov 18 2021 "This book examines the evolving representations of the colonial past from the mid-19th century up to decolonisation in the 1960s and 70s - the so-called era of Modern Imperialism - in post-war history textbooks from across the world. The aim of the book is to examine the evolving outlook of colonial representations in history education and the underpinning explanations for the specific outlook in different - former colonizer and colonised - countries (to be found in collective memory, popular historical culture, social representations, identity-building processes, and the state of historical knowledge within academia). The approach of the book is novel and innovative in different ways. First of all, given the complexity of the research, an original interdisciplinary approach has been implemented, which brings together historians, history educators and social psychologists to examine representations of colonialism in history education in different countries around the world while drawing on different theoretical frameworks. Secondly, given the interest in the interplay between collective memory, popular historical culture, social representations, and the state of historical knowledge within academia, a diachronic approach is implemented, examining the evolving representations of the colonial past, and connecting them to developments within society at large and academia"--

Math 7 Feb 21 2022 A math curriculum designed specifically for homeschoolers.

Oxford Textbook of Cardiothoracic Anaesthesia Apr 30 2020 Part of the Oxford Textbooks in Anaesthesia series, this title covers the anatomy and physiology, pharmacology, post-operative complications, critical care, and all clinical aspects of cardiac and thoracic anaesthesia. Practical aspects, such as team working, and designing and equipping cardiothoracic theatre and critical care, are also included. The expert and international author team use their experience to ensure this title reflects current world-wide practice across the globe.

Language Textbooks in the era of Neoliberalism Dec 27 2019 This book examines how neoliberalism finds expression in foreign language textbooks. Moving beyond the usual focus on English, Pau Bori explores the impact of neoliberal ideology on Catalan textbooks. By comparing Catalan textbooks to English textbooks, this book interrogates the similarities and differences between a minor and a global language in the age of neoliberalism. Drawing on insights from critical theory and critical pedagogy, this study provides a fresh perspective on foreign language textbooks and second language education more broadly. *Language Textbooks in the Era of Neoliberalism* paves the way for new critical perspectives in language education that will challenge the current hegemony of neoliberalism.

School Textbooks and Lifelong Education Feb 27 2020 This book analyzes the contribution made by school textbooks to the fostering of lifelong learning skills. Two complementary approaches were adopted for the research on which it is based. The first, a deductive approach, is reflected in part 1 of the book. Starting from the conceptual framework of lifelong education as it has been developed by the Unesco Institute for Education (UIE), a list of objectives establishes the function of schooling within the perspective of lifelong education. The list of objectives is as follows: (1) stimulation of student interest (motivation); (2) creativity and self-direction; (3) transfer (i.e., linking educational experiences with life); (4) linkage among disciplines; and (5) flexibility. This list suggests tasks that can be related to characteristics of textbooks in the context of lifelong education; the characteristics are these: format, presentation, language, methodology, and achievement (e.g., self-assessment and self-awareness). The second approach, an inductive approach, is used in part 2 of this study. Three main steps are identifiable within this approach: the selection of textbooks thought to embrace principles of lifelong education; the testing and refining of the matrix used for analyzing the textbooks; and the analysis of textbooks selected by three national teams in Singapore, the United States, and Wales. The findings reported in the study show that much has been accomplished with regard to textbook design in order to promote the objectives of lifelong education; nevertheless, the achievement of certain objectives (i.e., linkage among disciplines and flexibility) is less in evidence. Much remains to be done if textbooks are to support all of the objectives of lifelong education. Details of the U.S. study and lists of the textbooks analyzed are included in the appendix. (68 references) (KC)

Ditch That Textbook Jul 02 2020 Textbooks are symbols of centuries-old education. They're often outdated as soon as they hit students' desks. Acting "by the textbook" implies compliance and a lack of creativity. It's time to ditch those textbooks--and those textbook assumptions about learning In *Ditch That Textbook*, teacher and blogger Matt Miller encourages educators to throw out meaningless, pedestrian teaching and learning practices. He empowers them to evolve and improve on old, standard, teaching methods. *Ditch That Textbook* is a support system, toolbox, and manifesto to help educators free their teaching and revolutionize their classrooms.

A Selected and Annotated Bibliography of Recent Air Age Education Textbooks (also Includes Standard Texts that Incorporate Such Materials). Aug 03 2020

Education for Shalom Nov 06 2020 Observes that certain anti-Jewish themes persist in Catholic textbooks despite efforts made since 1965 to remove them. Surveys New Testament and patristic sources of antisemitism. Traces the Catholic Church's renunciation of antisemitism since 1965 and its efforts to extirpate it from educational material. Suggests criteria for judging how successfully textbooks meet Church guidelines for presenting Jews, Judaism, and the history of Jewish-Christian relations.

The Oxford Textbook of Clinical Research Ethics Mar 30 2020 The Oxford Textbook of Clinical Research Ethics is the first comprehensive and systematic reference on clinical research ethics. Under the editorship of experts from the U.S. National Institutes of Health of the United States, the book's 73 chapters offer a wide-ranging and systematic examination of all aspects of research with human beings. Considering the historical triumphs of research as well as its tragedies, the textbook provides a framework for analyzing the ethical aspects of research studies with human beings. Through both conceptual analysis and systematic reviews of empirical data, the contributors examine issues ranging from scientific validity, fair subject selection, risk benefit ratio, independent review, and informed consent to focused consideration of international research ethics, conflicts of interests, and other aspects of responsible conduct of research. The editors of *The Oxford Textbook of Clinical Research Ethics* offer a work that critically assesses and advances scholarship in the field of human subjects research. Comprehensive in scope and depth, this book will be a crucial resource for researchers in the medical sciences, as well as teachers and students.

Nationhood and Politicization of History in School Textbooks Dec 07 2020 This book explores how school history textbooks are used to perpetuate nationalistic policies within divided regions. Exploring the 'divide and rule' politics across ex-Yugoslav successor states, the editors and contributors draw upon a wide range of case studies from across the region. Textbooks and other educational media provide the foundations upon which the new generation build understanding about their own context and the events that are creating their present. By promoting nationalistic politics in such media, textbooks themselves can be used as tools to further promote and preserve ongoing hostility between ethnic groups following periods of conflict. This edited collection will appeal to scholars of educational media, history education and post-conflict societies.

Language, Ideology and Japanese History Textbooks Oct 29 2022 This is an analysis of all authorised Japanese history textbooks using a critical discourse, elucidating the meanings and associated ideologies created by the language of the textbooks.

Textbooks in School and Society Mar 22 2022 Textbooks have been standard schoolroom fixtures for as long as most living citizens of this country

can remember. Many turn-of-the-century students were introduced to reading through the moralistic McGuffey Readers and struggled through the rather drab and colorless pages of volumes on history, geography and civics. In contrast, today's textbooks contain not only narrative content accompanied by colorful photographs and graphics, but also section and chapter exercises that are extended through the use of worksheets and other materials. Moreover, the textbook and its related student materials are packaged together with teacher's editions and tests in grade-level sets that amount to content area programs rather than mere texts.

Language, Ideology and Education Oct 05 2020 This book examines the role textbooks play in the teaching of dominant and non-dominant (first and foreign) languages in a range of cultural contexts worldwide. Each chapter addresses important issues related to what constitutes "legitimate knowledge", the politics of learning materials, global cultural awareness, competing ideologies, and the development of multilingual literacies. *Language, Ideology and Education: The Politics of Textbooks in Language Education* comprehensively surveys theoretical perspectives and methodological issues in the critical examination of language textbooks. In particular, it looks at: The Cultural Politics of Language Textbooks in the Era of Globalization The Politics of Instructional Materials for English for Young Learners Ideological Tensions and Contradictions in Lower Primary English Teaching Materials in Singapore Creating a Multilingual/multicultural Space in Japanese EFL: A Critical Analysis of Discursive Practices within a New Language Education Policy The book is primarily addressed to those who teach and research in the areas of Foreign Language Education, TESOL, Applied Linguistics, Language Policy, Critical Pedagogy, and Textual Cultures. Although the book is focused on textbook and materials analysis, rather than evaluation, most chapters discuss implications for curriculum design and materials development and therefore will be relevant to scholars working in those fields.

Approaches to Materials Design in European Textbooks Nov 25 2019

Emily Dickinson's Textbooks Jul 26 2022

Sterling Karat Gold Aug 27 2022 Like Franz Kafka's *The Trial* for the post-truth era, at once "surreal, polemical, and fun" (The Telegraph). Sterling Beckenbauer is plunged into a terrifying and nonsensical world one morning when they are attacked, then unfairly arrested, in their neighborhood in London. With the help of their friends, Sterling hosts a trial of their own in order to exonerate themselves and to hold the powers that be to account. *Sterling Karat Gold*, in the words of Kamila Shamsie, is "a madly brilliant and deeply sane novel that reveals surrealism as possibly the most effective way of talking about the political moment we find ourselves in." In it, Isabel Waidner concocts a world replete with bullfighters, high fashion, DIY theater, the Beach Boys, and time-traveling spaceships. The acclaimed winner of the 2021 Goldsmiths Prize for fiction that breaks the mold and extends the possibilities of the form, this novel explores the phantasmagoric nature of contemporary life, especially for nonbinary migrants, and daringly revises how solidarity and justice might be sought and won. *Sterling Karat Gold* couldn't be a better North American introduction to a writer with an irresistible style and unforgettable vision.

Oxford Textbook of Axial Spondyloarthritis Jun 20 2019 Axial Spondyloarthritis is a timely addition to the Oxford Textbooks in Rheumatology series, providing a comprehensive reference to this rapidly evolving field. The conceptual framework of the disease has now evolved beyond ankylosing spondylitis to encompass a broader concept of axial inflammation. Earlier recognition has opened the door to earlier intervention, and the understanding of the biologic basis of axial SpA has seen significant advances in recent years. The first textbook to cover axial spondyloarthritis in this level of detail from a global perspective, this volume offers a practical and complete resource compiled by a multidisciplinary and multinational team of experts. Beginning with a historical perspective on the disease, the textbook provides a comprehensive background in the epidemiology, diagnosis, and classification of axial spondyloarthritis. Immune mechanisms and genetics are covered, along with imaging and a detailed section on the range of treatments options currently available. A section on extra-articular manifestations provides a comprehensive knowledge base for the clinician treating patients with spondyloarthritis, and chapters on the economics of the disease, physical functioning, and patient registries complete the broad coverage of the topic. Practical, easy to use, yet detailed with respect to pathophysiology, diagnostics, and management, this textbook provides a comprehensive reference for rheumatologists, general practitioners, internists, and paediatricians managing patients with axial spondyloarthritis.

Ditch That Textbook Jun 01 2020 Are you ready for a change? You know potential exists for innovative, engaging, revolutionary education if you get the right ideas, right tools, and right people, all in the right order. If that sounds like you, then you're ready to DITCH old mindsets and methods and replace them with empowering, liberating ones. Author and teacher, Matt Miller shows you how to choose and incorporate teaching practices that are: Different from what students see daily. Innovative, drawing on new ideas or modifying others' ideas. Tech-laden with the use of digital sites, tools and devices. Creative, tapping into students' original ideas as well as your own. Hands-on, encouraging students to make and try things on their own. Packed with practical advice, specific recommendations for tools, and the encouragement you need to revolutionize your classes, *Ditch That Textbook* will inspire you to create relevant teaching that gets student buy-in so they'll enjoy learning.

An Introduction to Statistical Learning Jan 28 2020 An Introduction to Statistical Learning provides an accessible overview of the field of statistical learning, an essential toolset for making sense of the vast and complex data sets that have emerged in fields ranging from biology to finance to marketing to astrophysics in the past twenty years. This book presents some of the most important modeling and prediction techniques, along with relevant applications. Topics include linear regression, classification, resampling methods, shrinkage approaches, tree-based methods, support vector machines, clustering, and more. Color graphics and real-world examples are used to illustrate the methods presented. Since the goal of this textbook is to facilitate the use of these statistical learning techniques by practitioners in science, industry, and other fields, each chapter contains a tutorial on implementing the analyses and methods presented in R, an extremely popular open source statistical software platform. Two of the authors co-wrote *The Elements of Statistical Learning* (Hastie, Tibshirani and Friedman, 2nd edition 2009), a popular reference book for statistics and machine learning researchers. An Introduction to Statistical Learning covers many of the same topics, but at a level accessible to a much broader audience. This book is targeted at statisticians and non-statisticians alike who wish to use cutting-edge statistical learning techniques to analyze their data. The text assumes only a previous course in linear regression and no knowledge of matrix algebra.

Textbooks and Educational Media: Perspectives from Subject Education Jan 20 2022 This book brings together empirical research and conceptual work on textbooks and education media from 13 countries and 17 disciplines. Along with textbook production, usage, and development, it also explores the interconnectedness of (educational) policy and teaching and learning materials. Further, the book offers insights into regional and local discourses (e.g. specific theories of Portuguese- and Spanish-speaking countries as well as Nordic countries, contrasting their theories with international literature), practices, and solutions with regard to teaching selected subjects at the pre-primary, primary, secondary, and tertiary level. This book also discusses the specific combinations of subjects (e.g. Physics, Biology, Geography, Swedish, English) and their subject-specific education (e.g. Physics Education or Didactics). Lastly, it examines the work of a number of early-career researchers, giving them a voice and bringing in fresh ideas currently being developed in various countries around the globe. This proceedings volume will appeal to publishers, subject educators in primary, secondary, and tertiary education, and academic researchers from the fields of textbooks, educational media and subject-specific education. Its international authorship and explicit focus on subject-specific particularities of educational media provide a unique and comprehensive overview.