1. Record Nr. UNISA996418195303316

Autore	Gordon Derek
Titolo	Heterogeneity in statistical genetics : how to assess, address, and account for mixtures in association studies / / Derek Gordon, Stephen J. Finch, Wonkuk Kim
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2020] Â©2020
ISBN	3-030-61121-3
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XX, 352 p. 41 illus., 26 illus. in color.)
Collana	Statistics for Biology and Health, , 1431-8776
Disciplina	572.80727
Soggetti	Statistics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction to heterogeneity in statistical genetics -- 2. Overview of genomic heterogeneity in statistical genetics -- 3. Phenotypic heterogeneity -- 4. Association tests allowing for heterogeneity -- 5. Designing genetic linkage and association studies that maintain desired statistical power in the presence of mixtures -- 6. Threshold-selected quantitative trait loci and pleiotropy -- Index.
Sommario/riassunto	Heterogeneity, or mixtures, are ubiquitous in genetics. Even for data as simple as mono-genic diseases, populations are a mixture of affected and unaffected individuals. Still, most statistical genetic association analyses, designed to map genes for diseases and other genetic traits, ignore this phenomenon. In this book, we document methods that incorporate heterogeneity into the design and analysis of genetic and genomic association data. Among the key qualities of our developed statistics is that they include mixture parameters as part of the statistic, a unique component for tests of association. A critical feature of this work is the inclusion of at least one heterogeneity parameter when performing statistical power and sample size calculations for tests of genetic association. We anticipate that this book will be useful to researchers who want to estimate heterogeneity in their data, develop or apply genetic association statistics where heterogeneity exists, and accurately evaluate statistical power and sample size for genetic association through the application of robust experimental

		design.

2.

Record Nr.	UNISA996280177503316
Titolo	IEEE standard criteria for programmable digital devices in safety systems of nuclear power generating stations
Pubbl/distr/stampa	New York : , : IEEE, , 2016
ISBN	1-5044-0859-4
Descrizione fisica	1 online resource (80 pages)
Disciplina	621.4835
Soggetti	Nuclear power plants - Safety measures - Standards Nuclear power plants - Electronic equipment - Standards Systems engineering - Standards Information technology - Standards
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Additional specific requirements to supplement the criteria and requirements of IEEE Std 603(TM) are specified for programmable digital devices. Within the context of this standard, the term programmable digital device is any device that relies on software instructions or programmable logic to accomplish a function. Examples include a computer, a programmable hardware device, or a device with firmware. Systems using these devices will also be referred to as digital safety systems in this standard. The criteria contained herein, in conjunction with criteria in IEEE Std 603, establish minimum functional and design requirements for programmable digital devices used as components of a safety system. Scope: This standard serves to amplify criteria in IEEE Std 603(TM)-2009, to address the use of programmable digital devices as part of safety systems in nuclear power generating stations. The criteria contained herein, in conjunction with criteria in IEEE Std 603-2009, establish minimum functional and design requirements for programmable digital devices used as components of

a safety system.

3. Record Nr. UNISALENTO991002807409707536

Titolo	Rivista giuridica dell'edilizia
Pubbl/distr/stampa	Milano : Giuffrè, 1958-
ISSN	0485-2435
Disciplina	344.0605
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Periodico