

Package ‘EasyStrata’

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Type Package

Title Evaluation of stratified genome-wide association meta-analysis results

Version 8.6

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Description This is a pipelining tool that facilitates evaluation and visualisation of stratified genome-wide association meta-analyses (GWAMAs) results data. It provides (i) statistical methods to test and to account for between-strata difference and to clump genome-wide results into independent loci and (ii) extended graphical features (e.g., Manhattan, Miami and QQ plots) tailored for stratified GWAMA results.

License GPL-3

LazyLoad yes

Depends methods,Cairo,plotrix

Collate clsEqcReader4.r clsRCD7.r clsGWADATA45.r clsEASYMERGE.r
fnEasyPLOT10.r clsREPORT9.r clsMERGE11.r clsSPLOT21.r
clsADDCOL11.r clsADJUSTALLELES15.r clsANNOTATE8.r
clsBONFERRONI3.r clsCALCPDIFF6.r clsCALCPHET3.r clsCALCULATE3.r
clsCLEAN5.r clsCLUMP5.r clsCRITERION6.r clsEDITCOL.r
clsEVALSTAT7.r clsEXTRACTSNPS3.r clsFDR3.r clsFILTER6.r
clsGC5.r clsGETCOLS.r clsGETNUM2.r clsINDEP7.r clsJOINTTEST3.r
clsMERGEEASYIN4.r clsMETAANALYSIS5.r clsMHPlot15.r
clsMIAMIPlot15.r clsQQPlot17.r clsREMOVECOL.r clsRENAMECOL2.r
clsRPlot18.r clsSTRSPLITCOL.r clsWRITE7.r EasyX86.r

NeedsCompilation no

Repository CRAN

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R topics documented:

EasyStrata	2
Index	3

EasyStrata	<i>Function to run EasyStrata (v8.6).</i>
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Description

The Function takes the an EasyStrata config/script (ECF-) file and performs all steps defined in the ECF-file.

Usage

```
EasyStrata(fileECF)
```

Arguments

fileECF	fileECF is an EasyStrata config/script (ECF) file. Please see 'EasyStrata_8.6_Commands_140615.pdf' for more information on ECF functions and parameters.
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Author(s)

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References

<http://www.genepi-regensburg.de/easystrata>

Examples

```
extDataDir=system.file("extdata", package="EasyStrata")
## Example Pipeline:
ecfPipe=paste(extDataDir,"example_pipeline.ecf",sep="/")
EasyStrata(ecfPipe)
```

Index

EasyStrata, [2](#)