R Programming in Data Science: Setup and Start

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Summary of R Programming IDE

IDEs	Notes	Costs	Platforms	URLs
R Console	Included with install	Open source	Mac, Windows, Linux	https://www.r-project.org
RStudio	From RStudio	Free and commercial versions	Mac, Windows, Linux	https://www.rstudio.com/ products/rstudio
StatET for R	Eclipse based	Open source	Mac, Windows, Linux	http://www.walware.de/goto/ statet
R Tools for Visual Studio	Extension to MS Visual Studio	Free and commercial versions	Windows*	https://www.visualstudio.com/ vs/rtvs
RapidMiner R	R scripting extension	Free and commercial versions	Mac, Windows	https://rapidminer.com/ products/studio
Tinn-R		Open source	Windows	http://nbcgib.uesc.br/lec/ software/editores/tinn-r/en
Emacs Speaks Statistics (ESS)	Extension to Emacs	Open source	Mac, Windows, Linux	http://ess.r-project.org
Rattle GUI	install. packages("rattle")	Open source	Mac, Windows, Linux	https://rattle.togaware.com
R Commander	R package based on tcltk	Freely available	Mac, Windows, Linux	https://cran.r-project.org/web/ packages/Rcmdr/index.html
RKWard		Open source	Mac, Windows, Linux	https://rkward.kde.org
Java GUI for R	JGR	Open source	Mac, Windows, (working on Linux)	http://rforge.net/JGR
RExcel	Use R inside of Excel	Commercial		http://www.statconn.com/ products.html
Open Analytics Architect	Eclipse based	Open source	Mac, Windows, Linux	https://www.openanalytics.eu/ products
Deducer	Works with JGR	Open source	Mac, Windows, Linux	http://deducer.org
Nvim-R	Works with Vim	Free	Mac, Windows, Linux	http://www.vim.org/scripts/ script.php?script_id=2628
BlueSky Statistics		Open source and commercial versions	Windows	www.blueskystatistics.com
Rbox	Extension to Atom	Open source	Mac, Windows, Linux	https://atom.io/packages/rbox

^{*}RTVS is presently supported only in Visual Studio on Windows and not Visual Studio for Mac.