
MSE Software List:

SAS Tools:

- SAS 9.4M4
- SAS Studio
- SAS Enterprise Guide 7.1
- SAS Graph
- SAS Stat
- SAS Universal Viewer

3rd Party Tools:

Free & Open Source	Commercial
<ul style="list-style-type: none">• JAGS-4.2.0• GTK+• WinBUGS• OpenBUGS• Excel Viewer• Word Viewer• Apache Open Office• Adobe Reader• Plink 1.07• Python 3.6.3• JAVA 1.8• R Version 3.6.3• R studio version 1.1.423• RTools• R Packages ⁽¹⁾	<ul style="list-style-type: none">• STATA 17.1 (<i>software is available on a limited basis, subject to sponsor approval</i>)

(1)R Packages:

abind	gsl	R2HTML
arm	gtable	R2WinBUGS
asypow	HH	randomForest
bayesm	Hmisc	RColorBrewer
bayesSurv	HTMLUtils	reshape2
BBmisc	hwriter	RGraphics
bitops	hwriterPlus	rmeta
bspmma	iterators	robust
Cairo	kernlab	robustbase
cairoDevice	labeling	rrcov
car	latticeExtra	RUnit
caret	leaps	rworldmap
chron	lme4	sas7bdat
clinfun	lubridate	scales
coda	mcmc	scatterplot3d
coin	MCMCpack	smoothSurv
colorspace	memoise	sp
copas	meta	spam
data.table	metacor	ssanv
dichromat	metafor	stringr
digest	metagen	TeachingDemos
doBy	metaLik	xtable
doParallel	metamisc	survival_2.42-6
e1071	MSToolkit	
ellipse	muhaz	
epicalc	multcomp	
fields	munsell	
foreach	mvmeta	
fork	mvtnorm	
Formula	outliers	
gam	pcaPP	
GAMBoost	plotrix	
ggplot2	plyr	
gridBase	proto	
gridExtra		

