JGR: a unified interface to R

Martin Theus, Markus Helbig
Augsburg University

There is no native interface to R other than the command line. Since the majority of the users want to have a bit more comfortable interface to R, various, platform dependent GUIs have been developed. They are all different, support different features and are usually insufficient for the expert user.

JGR (speak jaguar) is a Java Gui for R. It addresses primarily the non-developer R-user. JGR features a build in editor with syntax highlighting and direct command transfer, a spreadsheet to inspect and modify data, an advanced help system and an intelligent object navigator, which can, among other things, handle data set hierarchies and model comparisons. JGR also allows to run parallel R sessions within one interface. Since JGR is written in Java, it builds the first unified interface to R, running on all platforms R supports.