**Package ‘rgp’**

Available at: <https://cran.r-project.org/web/packages/rgp/index.html>

In addition to general GP tasks the system supports Symbolic Regression by GP through the familiar R model formula interface. GP individuals are represented as R expressions, an (optional) type system enables domain-specific function sets containing functions of diverse domain- and range types. A basic set of genetic operators for variation (mutation and crossover) and selection is provided.

Built in R with performance critical sections having efficient implementations in C making the system suitable for a real-world application.