

# Installation Notes for Microarray Outlier Analysis Software (published version 1.0.9)

## Installation Instructions

Follow the following instructions to install, configure and run the software:

- Unzip the downloaded *microarrayOutlierAnalysis.pv\_1.0.9.zip* file to the directory where the software is to be installed.
- Install R (see: <http://www.r-project.org>).
- Open R.
- Install the external R packages that are required by the microarray outlier analysis software by following the instructions in the following file:

`...\microarrayOutlierAnalysis_pv1.0.9\docs\packagesInstallAndSetup.R`

- Configure the *run.RmicroarrayOutlierAnalysis.bat* file (which is found in the software installation directory) that is used to run the R CMD BATCH processing. To do this, open the *run.RmicroarrayOutlierAnalysis.bat* file in a text editor and replace the text **R\_DIRECTORY** with the full path to where R has been installed.
  - For example, for R version 2.13.0 [32-bit] (on windows 7), this path is usually:
    - `C:\Program Files\R\R-2.13.0\bin\i386`
- The software installation should now be complete. Run the microarray outlier software by double clicking on the file *microarrayOutlierAnalysis.jar*, which is found in the software installation directory. This will open the GUI which is used to configure and run the outlier analysis.
- See the “**USER GUIDE.pdf**” (in directory `...\microarrayOutlierAnalysis_pv1.0.9\docs\`) for detailed instructions and technical details related to using the software.