Graphical User’s Interface requirement:

1. Support Windows 7& above version (R executable is major dependency). For demonstration purpose, Mac could be an alternative choice
2. A clickable icon needed on the desktop after installation
3. Once the application is launched, a few R scripts need to be run (in the backend)
4. The application supports “open raw file”, “clean raw data”, “various displays”, “reconstruct data”, “statistical modeling with radio button for choosing algorithm”
5. For display (basically plotting supported by R-program in the back end), it is need for (1) raw data (2) cleaned data (3) reconstructed data (4) statistical modeling results