

Notes for `flirt`

Thank you for being a user of `flirt`. This document provides a few notes regarding installation and general usage of `flirt`. The package tar file, pdf manual, and test R script are available with this document.

1. Installation

The package `flirt` requires the MATLAB Compiler Runtime (MCR) (for Matlab 2014a, Windows 32/64 bit). `flirt.x32_1.15.tar` is based on 32 bit and `flirt_1.15.tar` is based on 64 bit. On a 64 bit Windows machine, both 32 and 64 bit `flirt` can be used, while on a 32 bit machine, only 32 bit `flirt` is operational (the 64 bit version is slightly faster than the 32 bit version).

Having the correct version of the MCR is critical. If you have a different version of Matlab on your computer, please make sure to remove the MCR that you have and download/install the correct version of it at the following link:

<http://www.mathworks.com/products/compiler/mcr/>

* Common installation errors:

- (1) Make sure first install the MCR on your computer and then install `flirt`.
- (2) If you encounter 'Runtime Error' while installing `flirt`, close the R session and re-open a new R console. Then re-install the package (and re-load the library).
- (3) If you get permission error while installing the package, re-open R with administrator privileges (run R as administrator).

2. General usage

It is not recommended to run `flirt` in multiple R consoles at the same time. `flirt` may not run while MATLAB runs in the same computer.

Please use the accompanying R script to learn more about the utility of the package. With the verbal aggression data, a (almost) full list of models that are available with `flirt` is illustrated. Check out the newly added R scripts under the heading of "New examples" (longitudinal models, item response tree models, plotting with `flirt`). Finally, `flirt` based on MCR for Mac and Linux machines will be released soon.

For any questions, suggestions, and bug reports, please contact Minjeong Jeon at jeon.117@osu.edu. Thank you again and hope you enjoy `flirt`!

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Sincerely,
Minjeong Jeon