|  |  |
| --- | --- |
| **I. Data Analysis Example** | **(Command)** |
| 1. Load the file you want to work with | C-x C-f myfile.R |
| 2. Edit as appropriate, then start and switch to an R buffer.  (A new buffer \*R\* will appear. R will have been started in this buffer. The buffer is in iESS [R] mode.) | C-c C-z |
| (A new buffer \*R\* will appear. R will have been started in this buffer. The buffer is in iESS [R] mode.) |  |
| 3. Return to the script (prefix with C-c if you have pressed other keys) | C-z |
| 4. Send regions, lines, or the entire file contents to R. (For regions, highlight a region with keystrokes or mouse and then send with) | C-c C-r |
| 5. Re-edit myfile.R as necessary to correct any difficulties. Add new commands here. Send them to R by region. | C-c C |
| 5A. Send one(1) line at a time. | C-c C-n |
| 6. Save the revised myfile.R | C-x C-s |
| 7. Save the entire \*R\* interaction buffer, you will be prompted for a file name. (The recommended name is myfilee.R) | C-c C-s |
|  |  |
| **II. Program revision example** (source code is real) |  |
| 1. Start R in a process buffer (this will be \*R\*) | M-x R |
| 2. Load the file you want to work with | C-x C-f myfile.R |
| 3. edit program, functions, and code in myfile.R, and send revised functions to R when ready | C-c C-f |
| 3A. or highlighted regions with | C-c C-r |
| 3B. or individual lines with | C-c C-n |
| 3C. or load the entire buffer with | C-c M-l |
| 4. Save the revised myfile.R when you have finished | C-c C-s |
|  |  |
|  |  |