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SUBJECT: **R & RStudio**

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1   Purpose

To install R and RStudio, and gain some familiarity with them.

2   Steps

(a) Download R from a CRAN repository near you: `https://cran.r-project.org/mirrors.html`. Install it and accept all defaults during installation.

(b) Download RStudio Desktop (Free Edition) from `www.rstudio.com`. Install it and accept all defaults during installation.

(c) Launch RStudio. Type `gamma(4)` in the window labeled "Console" (left side), at the prompt ">". R should answer 6.

(d) From the "Tools" menu, select "Install Packages..." A dialog box will pop-up. Type "bbmle" (without the quotes) in the middle input box, then press "Install".

(e) From the "File" menu, select "Open File...", and look for the file called "Bodnar-MLEexample.R" and open it.

(f) Put the cursor on line 16, which says "require(bbmle)", and press Ctrl+Enter (or select "Run Selected Line(s)" from the "Code" menu)

(g) Select lines 30-37, and press Ctrl+Enter

(h) Compare the results you'll get with those listed in lines 38-43 of the file "Bodnar-MLEexample.R"

Congratulations! You have completed your first R session successfully.