

Tim Riffe Personal

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Package Downloads

All of my packages are on github. You can use the devtools package to install them directly from github. I've decided to do this instead of manually building tar.gz and windows binaries in order to save time and make bug fixing, feature-adding swifter. Some packages have undergone minor changes recently. As usual I very much appreciate bug reports, requests, whatever. Here is how I recommend installing now (updated Friday, August 15, 2014, because devtools made a change):

Installing packages straight from github

```
library(devtools)
install_github("timriffe/Pyramid", subdir = "Pyramid")
install_github("timriffe/LifeTable", subdir =
"LifeTable")
install_github("timriffe/RateSketch", subdir =
"RateSketch")
install_github("timriffe/Lotka", subdir = "Lotka")
install_github("timriffe/DecompHoriuchi", subdir =
"DecompHoriuchi")
install_github("timriffe/RateSketch", subdir =
"RateSketch")
install_github("timriffe/LexisDiagram", subdir =
"LexisDiagram")
install_github("timriffe/LexisUtils", subdir
= "LexisUtils")
```

None of these are on or are likely to be on CRAN in 2014.

on the horizon:

I've been working hard with Carl Boe and Celeste Winant recoding the entirety of HMD programs in R. These divide into two projects

- 1) Lexis Database preparation (just getting started)
- 2) Lifetable production according to Methods Protocol versions 5 and 6 (done, basically). This, however, uses Lexis database files as inputs, and so there will be no generalized public release until the whole project is done.

These two HMD packages, which might become one package, MIGHT be released on the HMD website, github, or on CRAN (no decision yet, but it will be announced widely if and when it happens). No promises on the timeline, but we'd like to shoot

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for sometime in 2014.

* I'll eventually redo a proper LexisSurface package (i.e. using `grid` properly), though I might also just write a tutorial instead. Also not going to happen before summer. Working code to do APC (triangle) Lexis surfaces is posted [here](#) and [there](#) on this website, and the old, deprecated, unmaintained LexisSurface package is on github too. For the more common use-scenario of data in AP Lexis squares or in AC or PC parallelograms, I've got a function called `LexisMap()` inside a small package on github called LexisUtils (<https://github.com/timriffe/LexisUtils>)– see installation instructions and examples there.

Also I'm working steadily on an R package for the Berkeley Department of Demography, which in the first instance will complement the HMD and HFD (utilities, plotting, post-estimation, shaping other datasets into the same format). That's an exciting project, but still in its infancy. The main project is located here: <http://ucbdemography.github.io/http://ucbdemography.github.io/> and the R package (DemogBerkeley, for now) is located here: <http://ucbdemography.github.io/DemogBerkeley>

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