

Other Vignettes

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A parallel source for the survival package is the `therneau/survival` directory on github. This copy contains several extra vignettes, in the `vignette2` directory, that are not part of the CRAN copy.

1. `tutorial.Rnw`: This works through the examples found in the excellent tutorial by H. Putter, M. Fiocco and R. Geskus. Tutorial in biostatistics: competing risks and multi-state models, Statistics in Medicine, 2006.
2. `sas.Rnw`: An expanded discussion answering some repeated queries about how survival package results differ from SAS.
3. `ridge.Rmd`: Addresses a recurrent question wrt using the `ridge()` function with a large number of covariates.
4. `tests.Rnw`: A harder look at what SAS “type 3” tests are.
5. `pseudo.Rnw`: Use of pseudovalues and the `pseudo` function.
6. `singer.Rnw`: Worked examples from a textbook by Singer and Willett.

Number 1 is not on CRAN because it makes use of a data set from the `mstate` package. As a recommended package `survival` cannot depend on anything outside of the base + recommended R. (A minimally sufficient set that is self contained is useful for R maintainance and validation.) Number 2 delves into relative computing time questions, and those examples take a very long time to run. Material in the third vignette is now discussed at a higher level in the population estimate and adjusted survival curves vignettes. Number 4 uses packages `geepack` and `survey` to compute corrected standard errors; packages that are outside the recommended list.

In time, we expect this set of other vignettes to grow.