

Other Vignettes

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Many of the vignettes have been moved to a separate `survivalVignettes` package. There are two primary reasons. One is that the `survival` package is becoming physically large, and it was useful to split these off for maintainance purposes. (The package is already an exception to CRAN policies on maximal size.) A second is that as a recommended package `survival` cannot depend on any packages outside of `base` + `recommended`. (A minimally sufficient set that is self contained is important for R maintainance and validation.) This means that we cannot use more modern tools such as `knitr` or `markdown`, refer to other packages such as `splines`, `mstate` or `ggsurvfit`, nor use data from some of those packages in our examples.

The following vignettes are found in this other location

1. `external`: A long discussion and examples focused on the external validation of a survival model.
2. `pseudo`: Use of pseudovalues and the pseudo function.
3. `ridge`: Addresses a recurrent question wrt using the `ridge()` function with a large number of covariates.
4. `royston`: A small note that describes the data sets used in an excellent paper on validation, and how those data were incorporated into the `survival` package. (Royston and Altman, doi:10.1186/1471-2288-13-33)
5. `tutorial`: 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 (doi:10.1002/sim.2712).
6. `sas`: An expanded discussion answering some repeated queries about how `survival` package results differ from SAS. Some of these computations take a very long time to run.
7. `shared`: Use of shared coefficients and/or shared baseline hazards in multistate models.
8. `timedep`: Time dependent covariates and time dependent coefficients.

Over time, we expect more vignettes to transfer from the `survival` package, and new ones to be written and added.