# References for INLA

## Survival specific

Rustand, D., van Niekerk, J., Krainski, E.T., Rue, H. and Proust-Lima, C., 2022. Fast and flexible inference approach for joint models of multivariate longitudinal and survival data using Integrated Nested Laplace Approximations. *arXiv preprint arXiv:2203.06256*.

INLAjoint - <https://rdrr.io/github/DenisRustand/INLAjoint/>

Van Niekerk, J., Bakka, H. and Rue, H., 2021. Competing risks joint models using R-INLA. *Statistical Modelling*, *21*(1-2), pp.56-71.

Van Niekerk, J., Bakka, H. and Rue, H., 2021. A principled distance-based prior for the shape of the Weibull model. *Statistics & Probability Letters*, *174*, p.109098.

Van Niekerk, J., Bakka, H. and Rue, H., 2021. Stable non-linear generalized Bayesian joint models for survival-longitudinal data. *Sankhya A*, pp.1-27.

## VB and the new INLA

van Niekerk, J. and Rue, H., 2021. Correcting the Laplace Method with Variational Bayes. *arXiv preprint arXiv:2111.12945*.

Van Niekerk, J., Krainski, E., Rustand, D. and Rue, H., 2022. A new avenue for Bayesian inference with INLA. *arXiv preprint arXiv:2204.06797*.

## Books

GMRF book - <https://www.routledge.com/Gaussian-Markov-Random-Fields-Theory-and-Applications/Rue-Held/p/book/9781584884323>

SPDE book - <https://becarioprecario.bitbucket.io/spde-gitbook/>

Bayesian inference with INLA - <https://becarioprecario.bitbucket.io/inla-gitbook/>

Other books - <https://www.r-inla.org/learnmore/books>