

Reading list

- Blangiardo, M., & Cameletti, M. (2015). *Spatial and spatio-temporal Bayesian models with R-INLA*. John Wiley & Sons.
- Gómez-Rubio, V. (2020). *Bayesian inference with INLA*. Chapman and Hall/CRC.
- Krainski, E., Gómez-Rubio, V., Bakka, H., Lenzi, A., Castro-Camilo, D., Simpson, D., ... & Rue, H. (2018). *Advanced spatial modeling with stochastic partial differential equations using R and INLA*. Chapman and Hall/CRC.
- Lindgren, F., Lindström, J., & Rue, H. (2010). An explicit link between gaussian fields and gaussian markov random fields; the spde approach.
- Lindgren, F., Bolin, D., & Rue, H. (2022). The SPDE approach for Gaussian and non-Gaussian fields: 10 years and still running. *Spatial Statistics*, 50, 100599.
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- Moraga, P. (2023). *Spatial statistics for data science: theory and practice with R*. Chapman and Hall/CRC.
- Rue, H., Riebler, A., Sørbye, S. H., Illian, J. B., Simpson, D. P., & Lindgren, F. K. (2017). Bayesian computing with INLA: a review. *Annual Review of Statistics and Its Application*, 4, 395-421.
- Simpson, D., Illian, J. B., Lindgren, F., Sørbye, S. H., & Rue, H. (2016). Going off grid: Computationally efficient inference for log-Gaussian Cox processes. *Biometrika*, 103(1), 49-70.
- Simpson, D., Rue, H., Riebler, A., Martins, T. G., & Sørbye, S. H. (2017). Penalising model component complexity: A principled, practical approach to constructing priors.
- Van Niekerk, J., Krainski, E., Rustand, D., & Rue, H. (2023). A new avenue for Bayesian inference with INLA. *Computational Statistics & Data Analysis*, 181, 107692.