

PUBLICATIONS

Fernando Andrés Quintana

Books

1. Müller, P., Quintana, F.A., Jara, A. and Hanson, T. (2015). “Nonparametric Bayesian Data Analysis” Springer Series in Statistics, Springer.

Papers, Chapters and Discussions

107. Paganin, Sally and Page, Garritt L. and Quintana, Fernando Andrés (2025). “Informed Random Partition Models with Temporal Dependence” To appear in *Electronic Journal of Statistics*.
106. Heiner, Matthew J. and Page, Garritt L. and Quintana, Fernando Andrés (2025) “A Projection Approach to Local Regression and Clustering with Variable-Dimension Covariates”. *Journal of Computational and Graphical Statistics*, **34(1)**, 109-122.
105. Pavani, Jessica and Quintana, Fernando Andrés (2025) “A Bayesian multivariate model with temporal dependence on random partition of areal data for mosquito-borne diseases”. *Statistics in Medicine*, **44(3-4)**, e10325.
104. Müller, Peter and Quintana, Fernando Andrés and Page, Garritt L. (2024). “Regression with Variable Dimension Covariates”. *Sankhya A*, **86 (Suppl 1)**, 185-198.
103. Beraha, Mario and Guglielmi, Alessandra and Quintana, Fernando Andrés and de Iorio, Maria and Eriksson, Johan Gunnar and Yap, Fabian (2024). “Childhood Obesity in Singapore: A Bayesian Nonparametric Approach”. *Statistical Modelling*, **24(6)**, 541-560.
102. Pedroso, Ricardo Cunha and Loschi, Rosangela Helena and Quintana, Fernando Andrés (2023). “Multipartition model for multiple change point identification”. *Test*, **32**, 759–783.
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94. Page, G.L. and Quintana, F.A. and Rosner, G.L. (2021) “Discovering Interactions Using Covariate Informed Random Partition Models”. *Annals of Applied Statistics*, **15**(1), 1–21.
93. Varas, I. M. and González, J. A. and Quintana, F. A. (2020) “A Bayesian nonparametric latent approach for score distributions in test equating”. *Journal of Educational and Behavioral Statistics*, **45**(6), 639–666.
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Work submitted to publication and still under Review

2. Pavani, Jessica and Loschi, Rosangela Helena and Quintana, Fernando Andrés, “Modeling temporal dependence in a sequence of spatial random partitions driven by spanning tree: an application to mosquito-borne diseases”.
1. Cremaschi, Andrea and Cadonna, Annalisa and Guglielmi, Alessandra and Quintana, Fernando Andrés “A change-point random partition model for large spatio-temporal datasets”.