

## Publications

### ▷ Articles publiés/sous presse :

A Rouanet, J Avila-Rieger, A Dugravot, , ..., & C Proust-Lima. How Selection Over Time Contributes to the Inconsistency of the Association between Sex/Gender and Cognitive Decline across Cognitive Aging Cohorts, *American Journal of Epidemiology*, 2021, doi: 10.1093/aje/kwab227.

JD Chamberlain, A Rouanet, ..., & C Dufouil, Memento Study group. Investigating the association between cancer and the risk of dementia: Results from the Memento cohort, *Alzheimer's & Dementia*, 2021, 17(9):1415-1421.

RV Marinescu, ..., A Rouanet, ..., & DC Alexander. The Alzheimer's disease prediction of longitudinal evolution (TADPOLE) challenge: Results after 1 year follow-up, *Machine Learning for Biomedical Imaging*, 2021, 1:1-60.

H Jacqmin-Gadda, A Rouanet, RD Mba, V Philipps, J-F Dartigues. Quantile regression for incomplete longitudinal data with selection by death, *Statistical Methods in Medical Research*, 2020, 29(9):2697-2716.

A Rouanet, C Helmer, J-F Dartigues, H Jacqmin-Gadda. Interpretation of mixed models and marginal models with cohort attrition due to death and drop-out, *Statistical Methods in Medical Research*, 2017, 28(2):343-356.

A Rouanet, P Joly, J-F Dartigues, C Proust-Lima, H Jacqmin-Gadda. Joint latent class model for longitudinal data and interval-censored semi-competing events: Application to dementia, *Biometrics*, 2016, 72(4):1123-1135.

C Frindel, A Rouanet, ..., & D Rousseau. Validity of shape as a predictive biomarker of final infarct volume in acute ischemic stroke, *Stroke*, 2015, 46(4):976-981.

### ▷ Chapitre publié/sous presse :

A Rouanet, S Richardson, B Tom. Benefit of Bayesian clustering of longitudinal data: study of cognitive decline for precision medicine. In *Bayesian Methods in Pharmaceutical Research*, (eds: Lesaffre E, Baio G, and Boulanger B), Chapman & Hall/CRC Biostatistics Series, 2020, 223-242.

### ▷ Pré-print :

A Rouanet, R Johnson, M Strauss, S Richardson, B Tom, S White, P Kirk. Bayesian profile regression for clustering analysis involving a longitudinal response and explanatory variables, *arXiv: 2111.04518v1*, 2021.

V Mulcahy\*, A Rouanet\*, ..., G Mells. Latent class mixed modelling identifies subgroups of primary biliary cholangitis patients on first line treatment with distinct risks of end stage liver disease, *arXiv: 2203.10508*, 2022. \*co-first authors.