2b Temporal Model: Presenting samples drawn from the ETAS priors

```r
library(ETAS.inlabru)
#> The legacy packages maptools, rgdal, and rgeos, underpinning the sp package,
#> which was just loaded, will retire in October 2023.
#> Please refer to R-spatial evolution reports for details, especially
#> https://r-spatial.org/r/2023/05/15/evolution4.html.
#> It may be desirable to make the sf package available;
#> package maintainers should consider adding sf to Suggests:.
#> The sp package is now running under evolution status 2
#>      (status 2 uses the sf package in place of rgdal)
library(ggplot2)
library(dplyr)
#>
#> Attaching package: 'dplyr'
#> The following objects are masked from 'package:stats':
#>
#>     filter, lag
#> The following objects are masked from 'package:base':
#>
#>     intersect, setdiff, setequal, union
#library(tidyquant)
```

Sampling ETAS Priors

It is important to check that the priors are broad enough that we expect the the model parameterisation to lie within them. This notebook shows how to draw samples from the priors and present them and the resulting triggering functions.