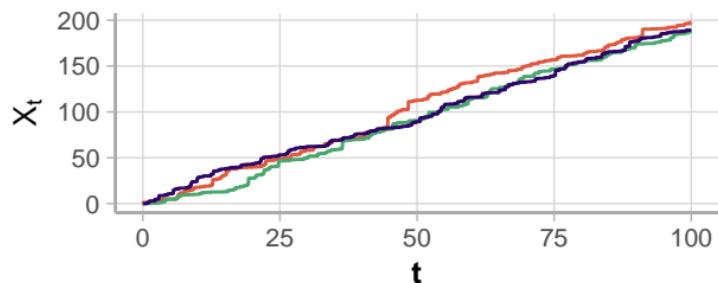


**Données** — GMH — MLE — Processus original

### $\alpha \sim \text{Log-N}$ et $\beta \sim \text{Log-N}$

MLE :  $\alpha = 1.139$ ,  $\beta = 1.011$ ,  $\theta = 1.646$

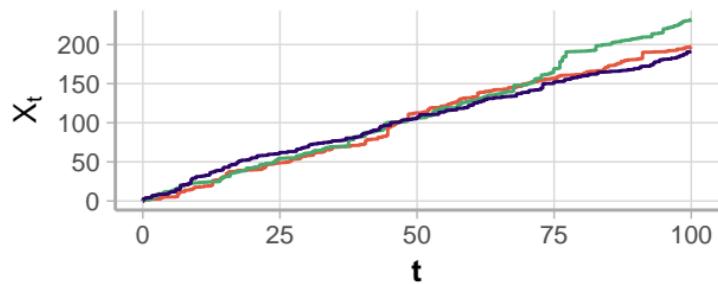
GMH :  $\alpha = 1.072$ ,  $\beta = 0.992$ ,  $\theta = 2.073$



### $\alpha \sim \text{log-N}$ et $\beta \sim \text{Uniforme}$

MLE :  $\alpha = 1.139$ ,  $\beta = 1.011$ ,  $\theta = 1.646$

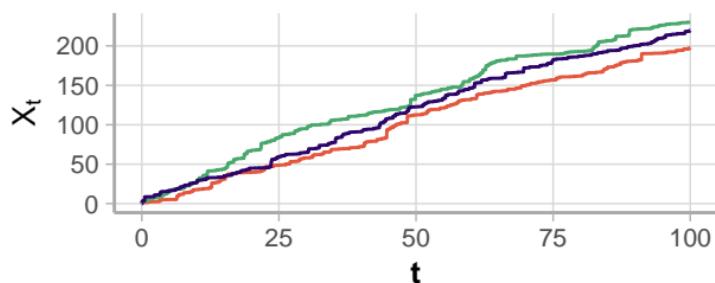
GMH :  $\alpha = 1.027$ ,  $\beta = 1.001$ ,  $\theta = 2.071$



### $\alpha \sim \text{Gamma}$ et $\beta \sim \text{Log-N}$

MLE :  $\alpha = 1.139$ ,  $\beta = 1.011$ ,  $\theta = 1.646$

GMH :  $\alpha = 2.023$ ,  $\beta = 0.885$ ,  $\theta = 1.825$



### $\alpha \sim \text{Gamma}$ et $\beta \sim \text{Uniforme}$

MLE :  $\alpha = 1.139$ ,  $\beta = 1.011$ ,  $\theta = 1.646$

GMH :  $\alpha = 2.154$ ,  $\beta = 0.868$ ,  $\theta = 1.878$

