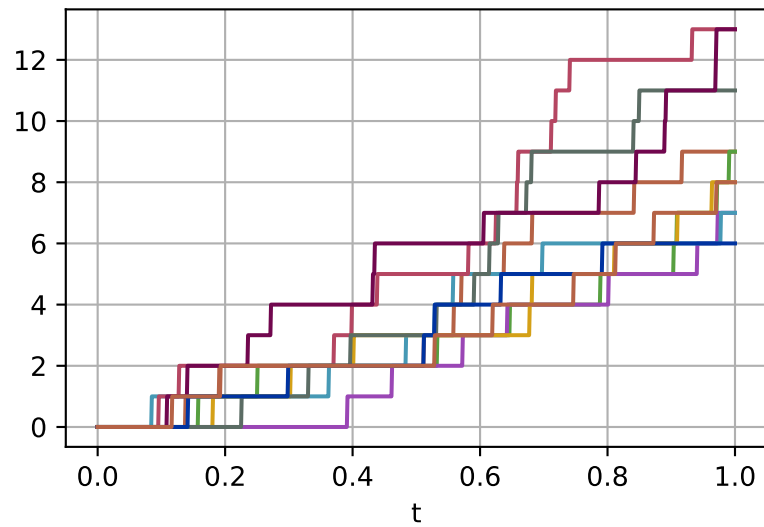
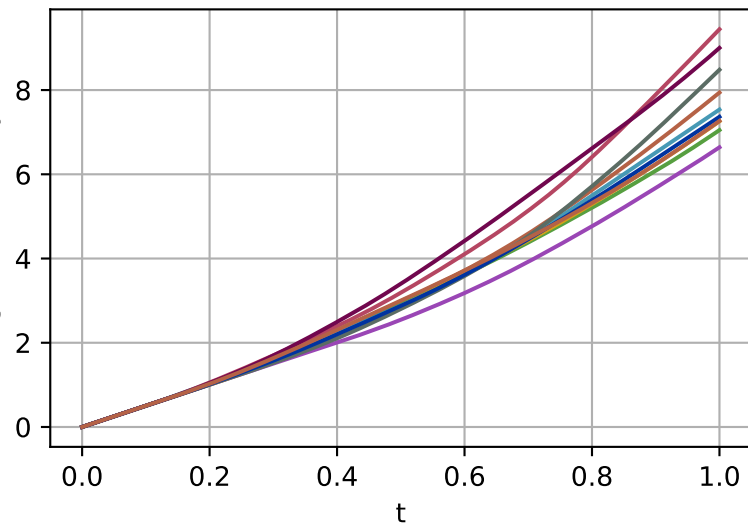


Hawkes process  $N$ Integrated intensity  $\Lambda$ Instantaneous intensity  $\lambda$ 