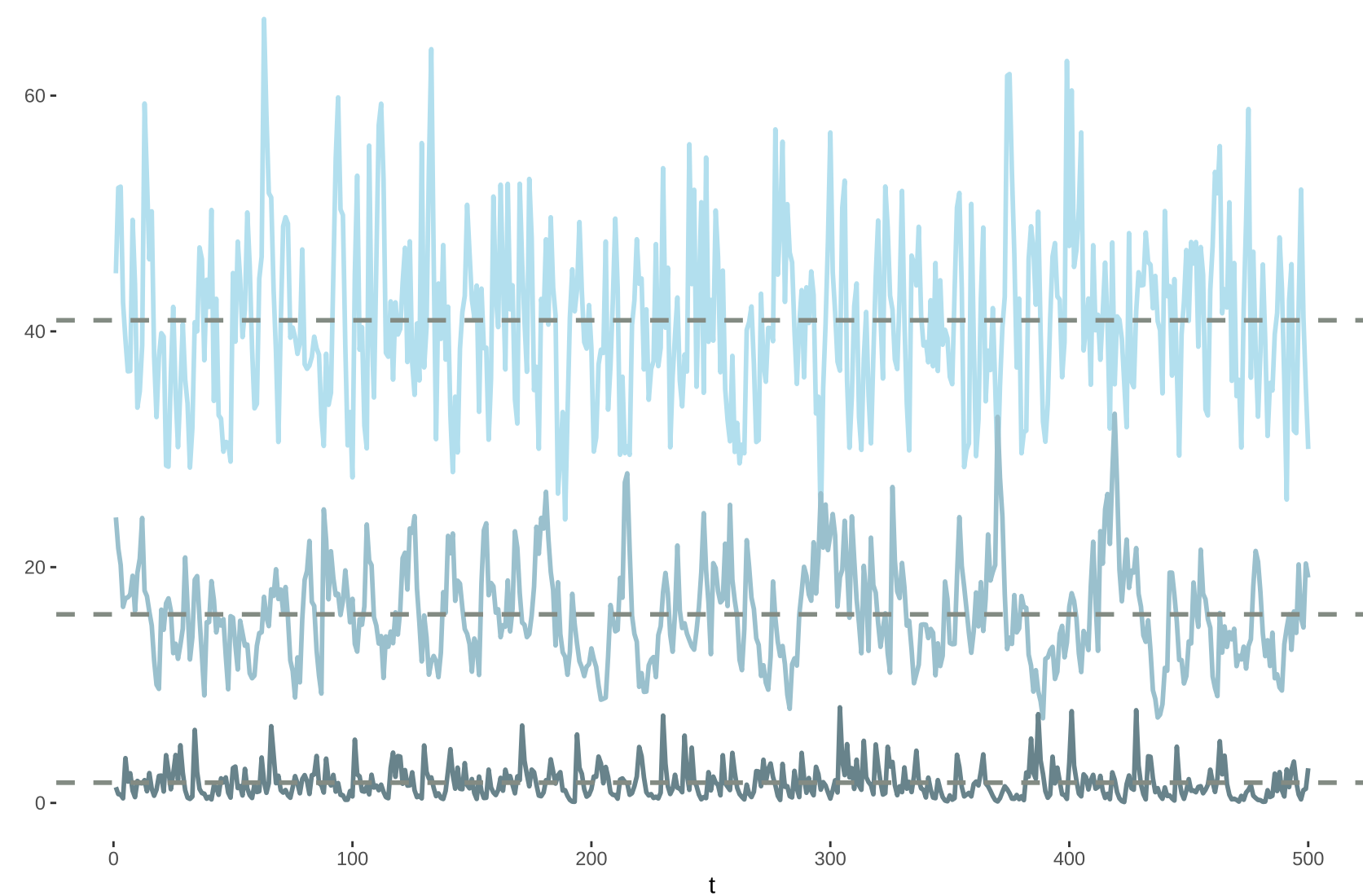
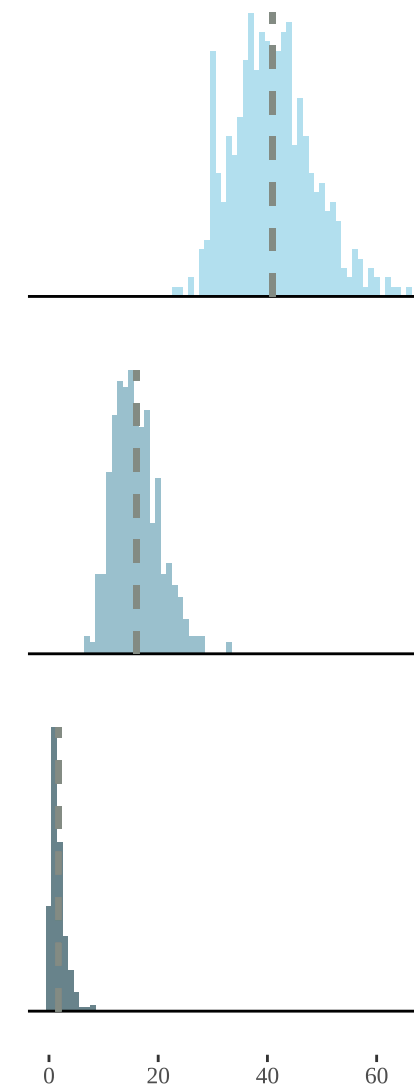


$$\chi^2\text{AR}(1)$$

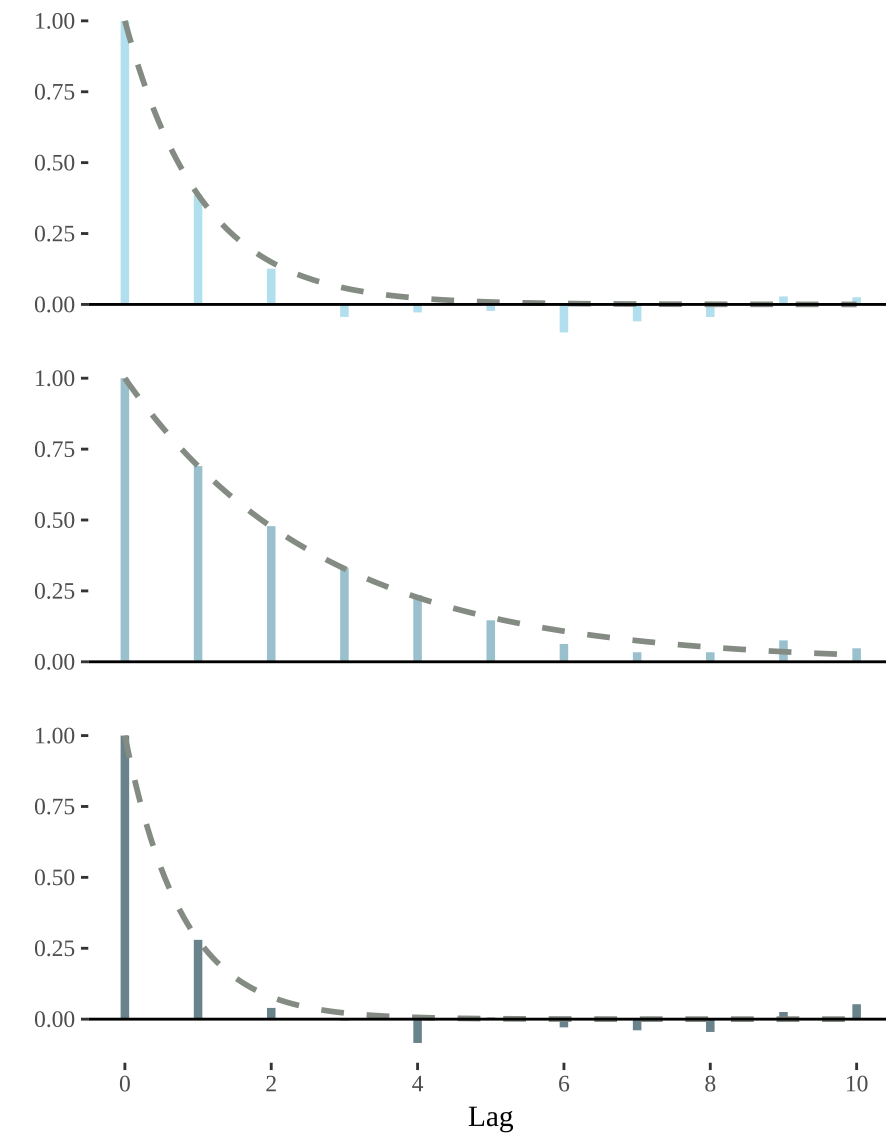
Time series



Marginal distribution



Autocorrelation function



■ $c = 0, v = 25, \varphi = 0.4 \rightarrow \mu = 40.94, \gamma = 0.45$
■ $c = 0, v = 5, \varphi = 0.7 \rightarrow \mu = 16, \gamma = 0.66$
■ $c = 0, v = 1, \varphi = 0.4 \rightarrow \mu = 1.72, \gamma = 1.67$