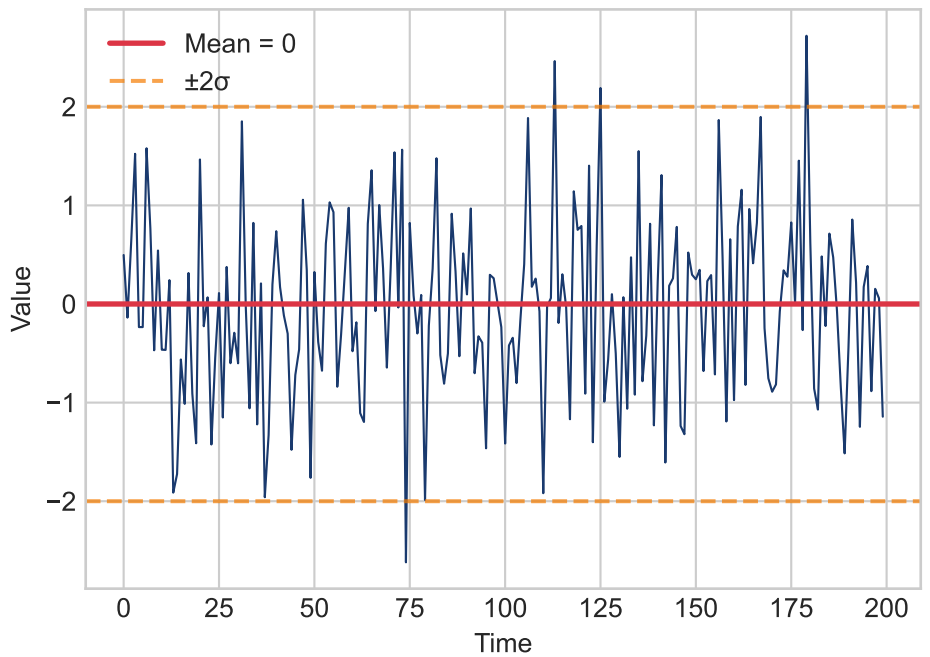

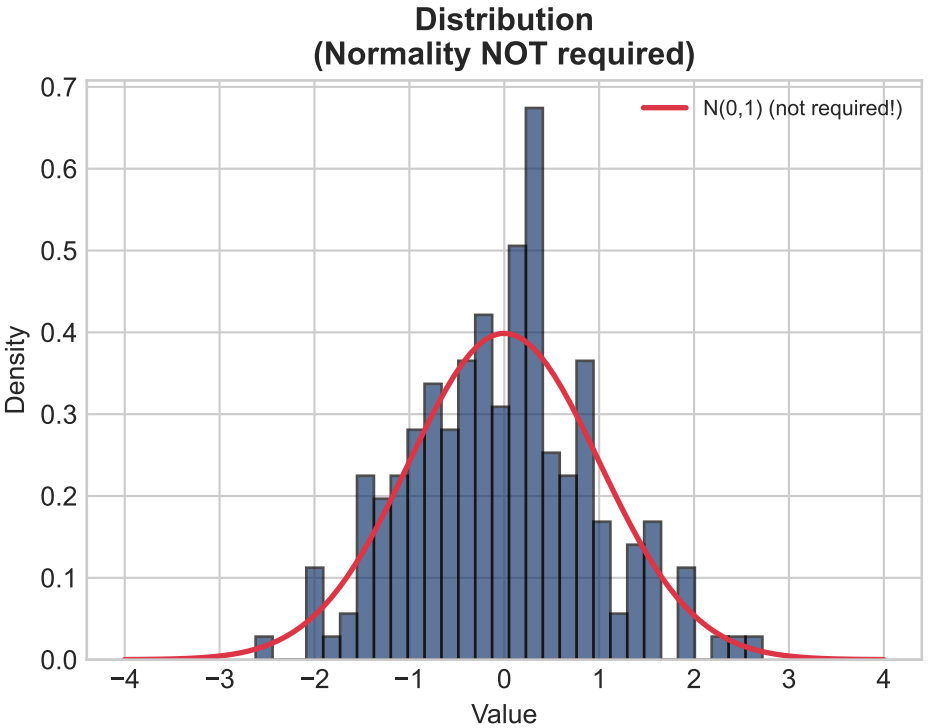

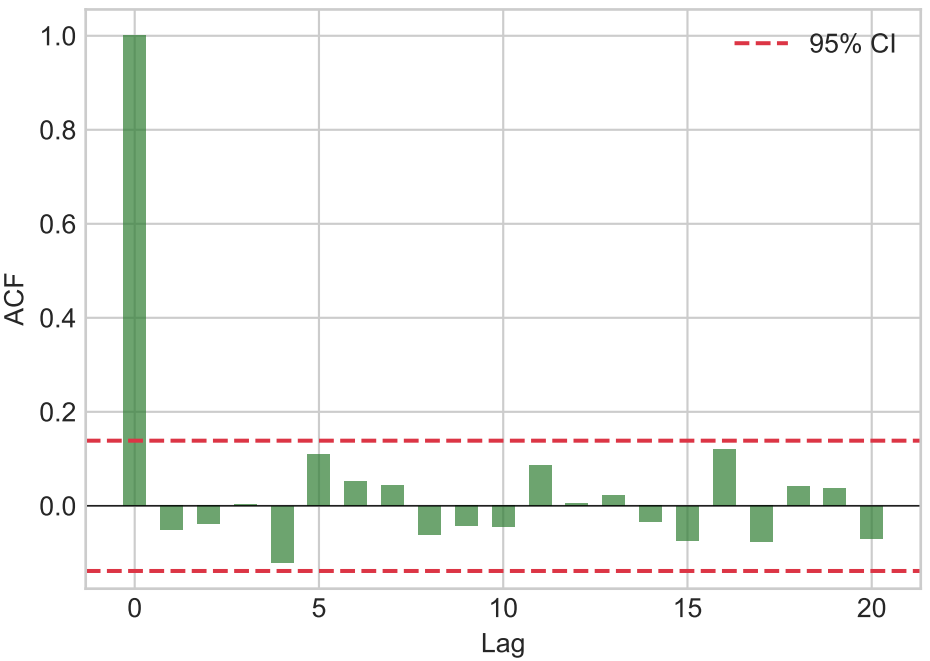

White Noise Properties

1. $E[\varepsilon_t] = 0$ — **Zero mean**
2. $Var(\varepsilon_t) = \sigma^2$ — **Constant variance**
3. $Cov(\varepsilon_t, \varepsilon_s) = 0$ — **Uncorrelated**
4. $\varepsilon_t \sim N(0, \sigma^2)$ — **NOT required!**