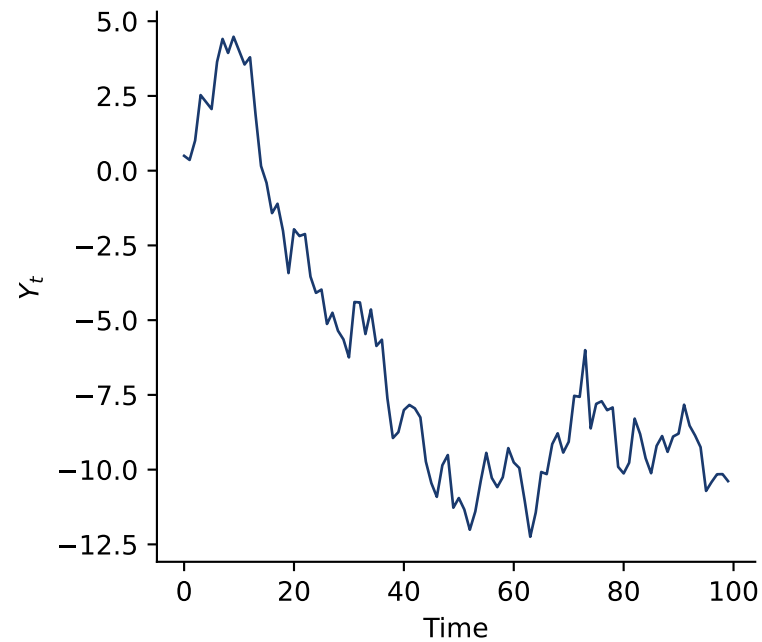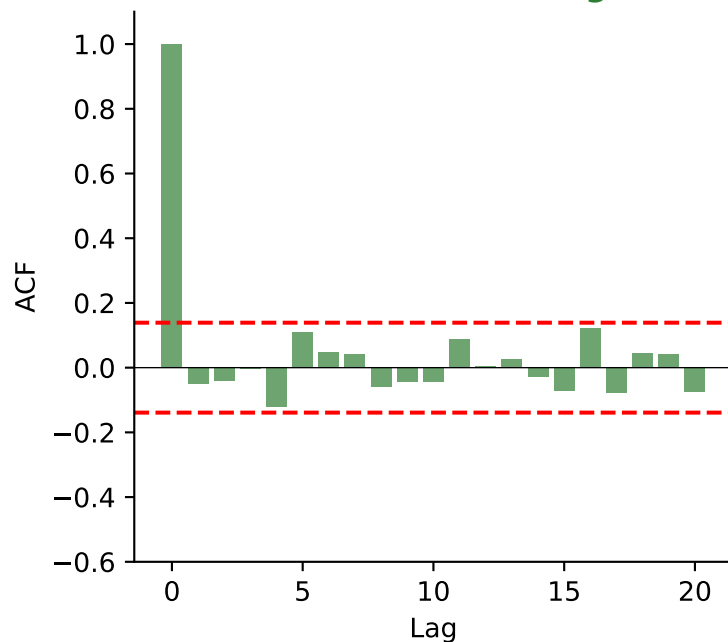**Original: I(1) Series**
Needs d=1

First Difference: White Noise
Correct differencing!

Second Difference: Overdifferenced!
ACF at lag 1 ≈ -0.5

$\rho_1 \approx -0.5$