Residuals over Time (after burn-in)
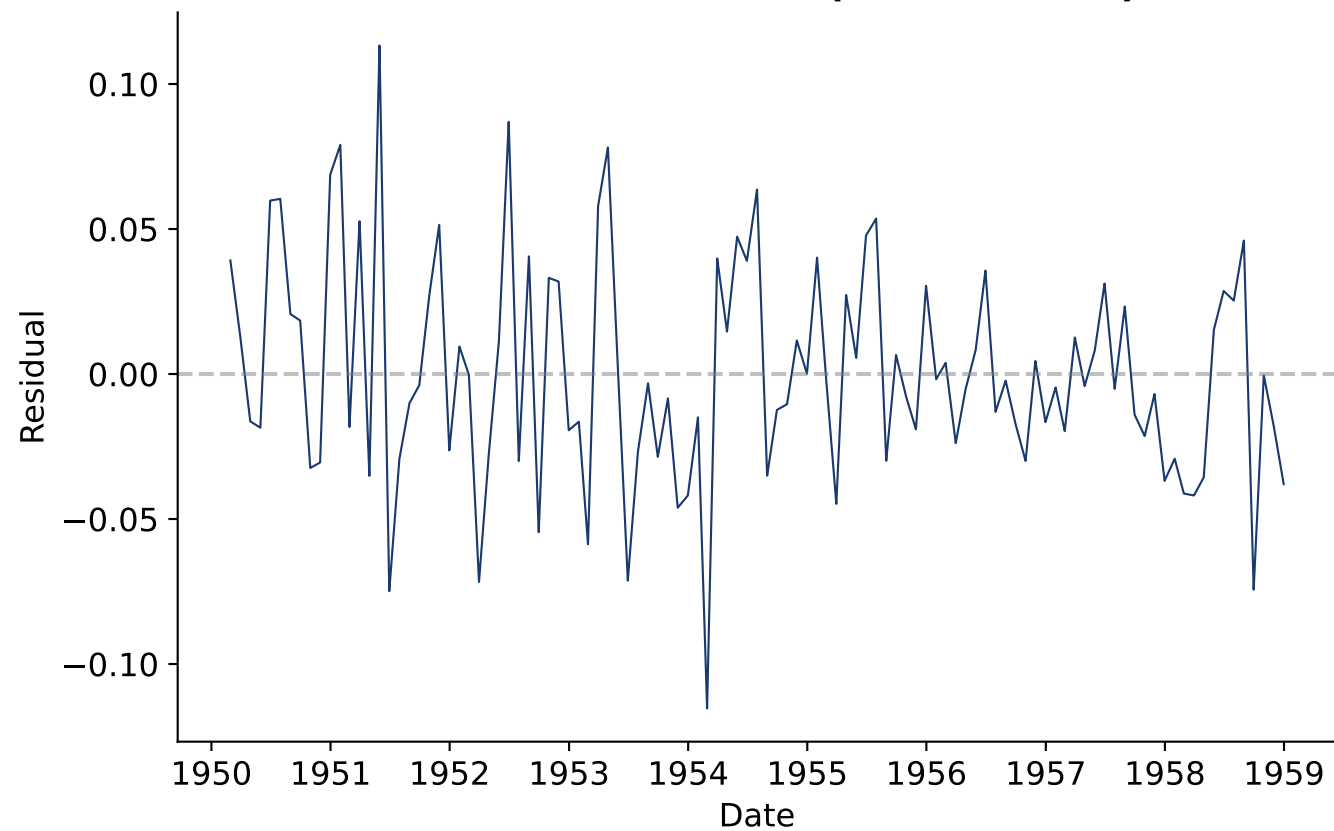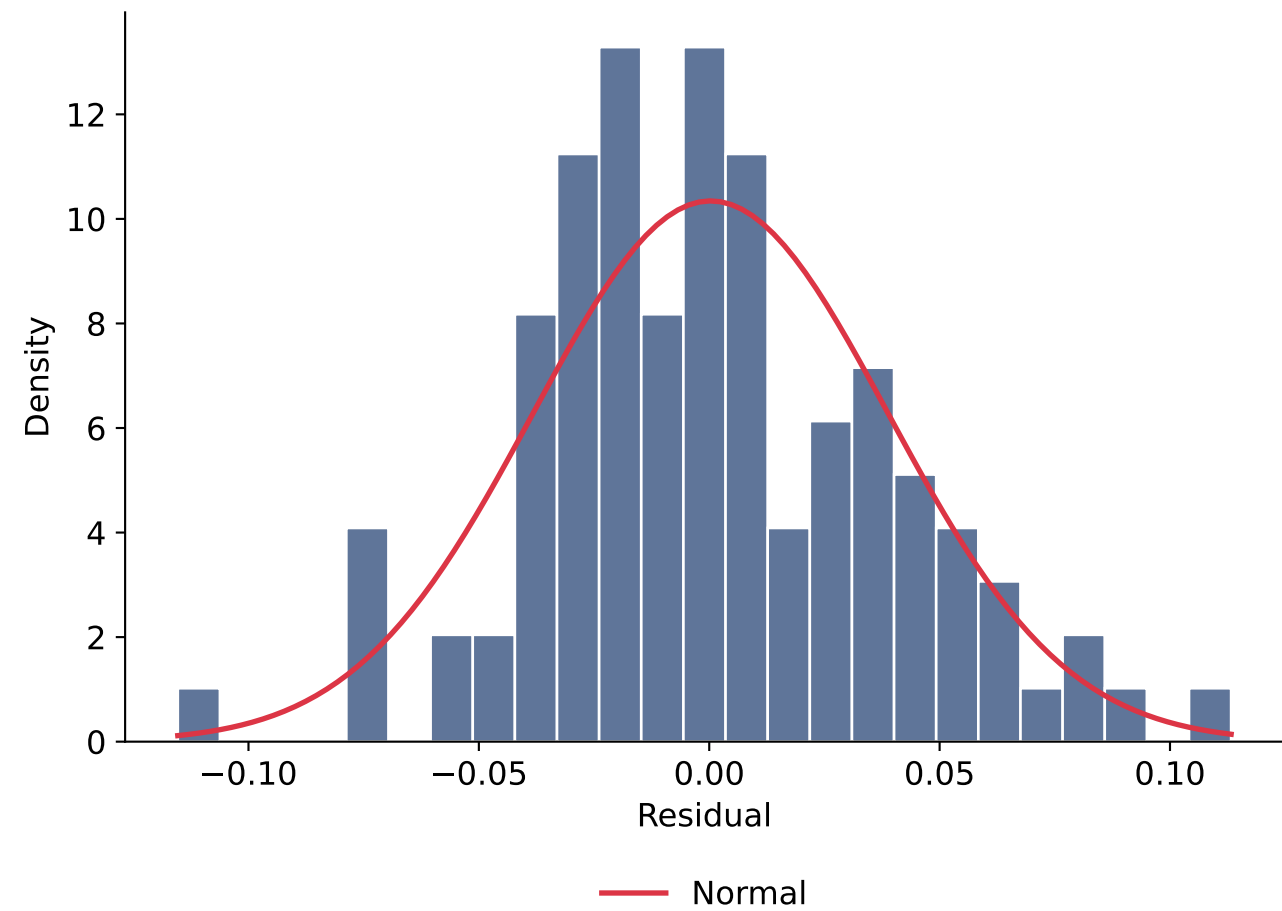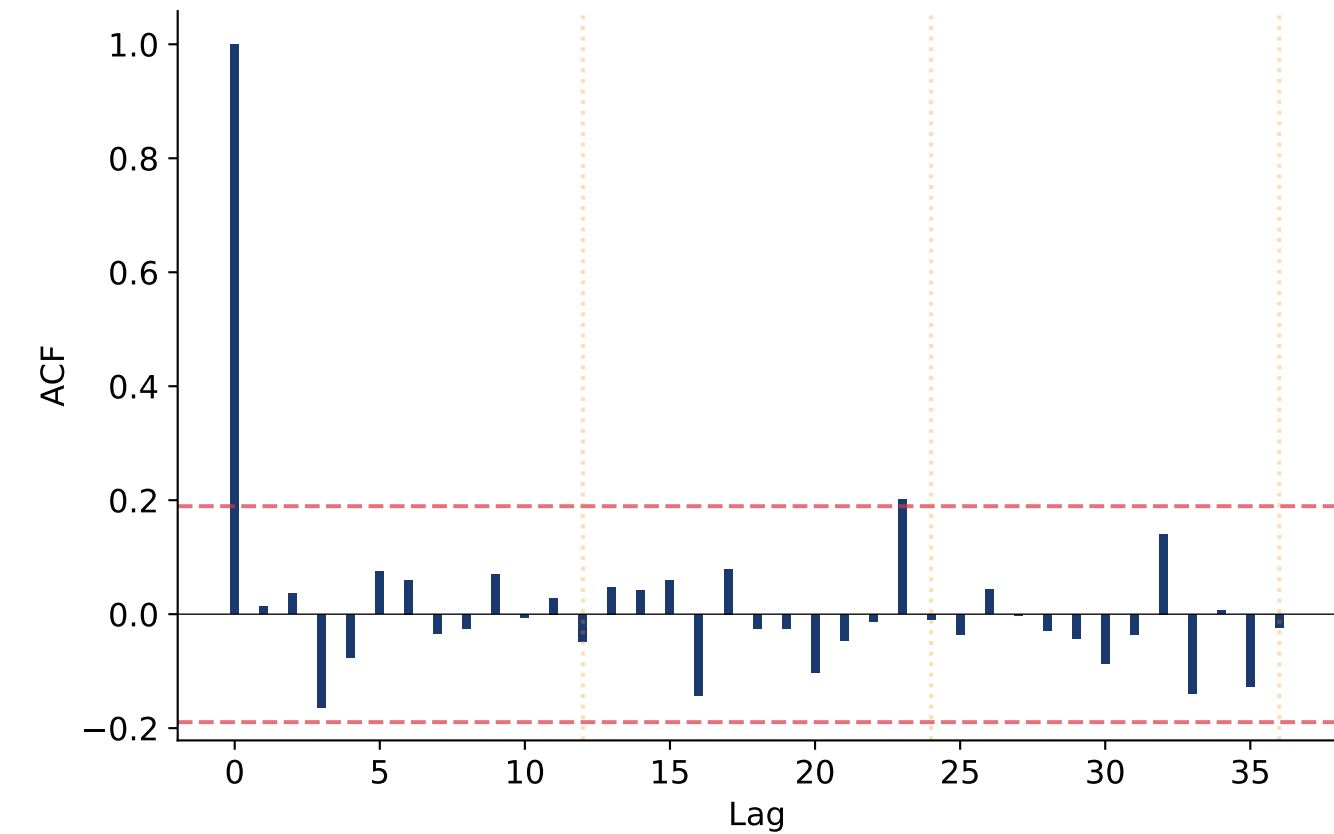
Residual Distribution

ACF of Residuals

Q-Q Plot