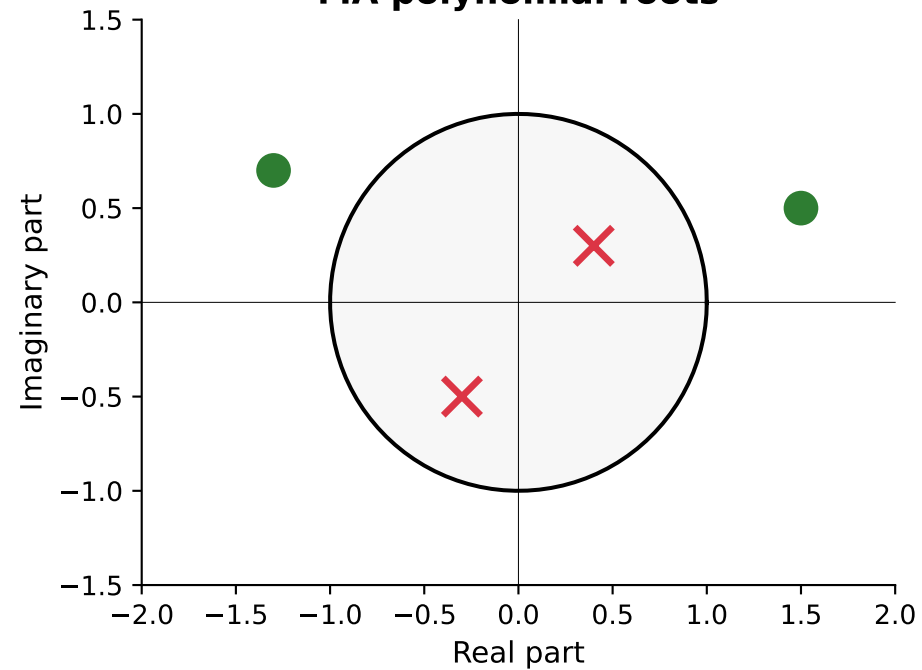


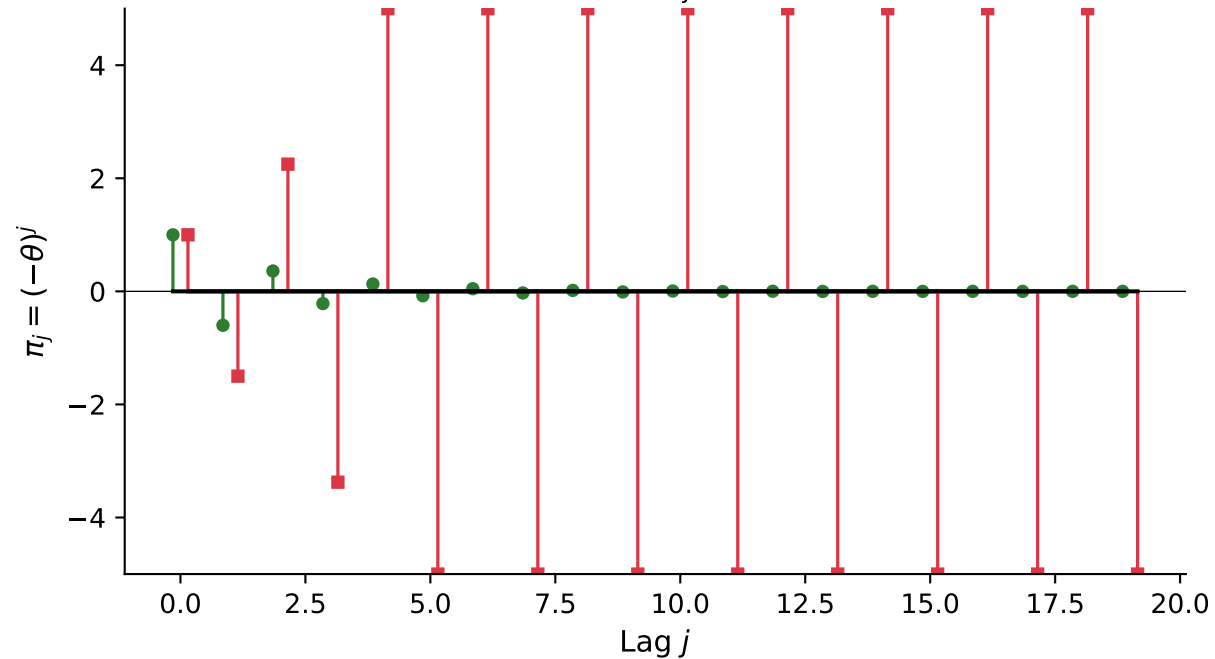
# Invertibility of MA models

## MA polynomial roots



- Unit circle
- Invertible ( $|z| > 1$ )
- ✕ Non-invertible ( $|z| < 1$ )

## Weights $\pi_j$ ( $\text{AR}_\infty$ )



- $\theta = 0.6$  (convergent)
- $\theta = 1.5$  (divergent)