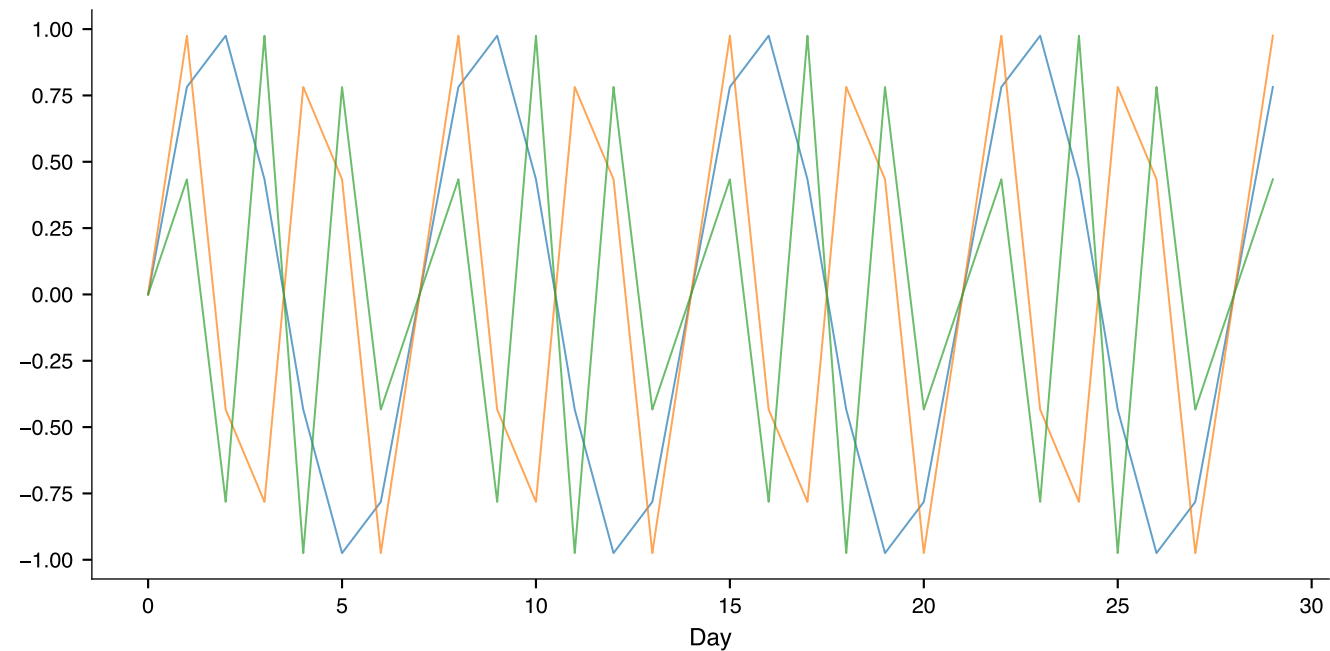
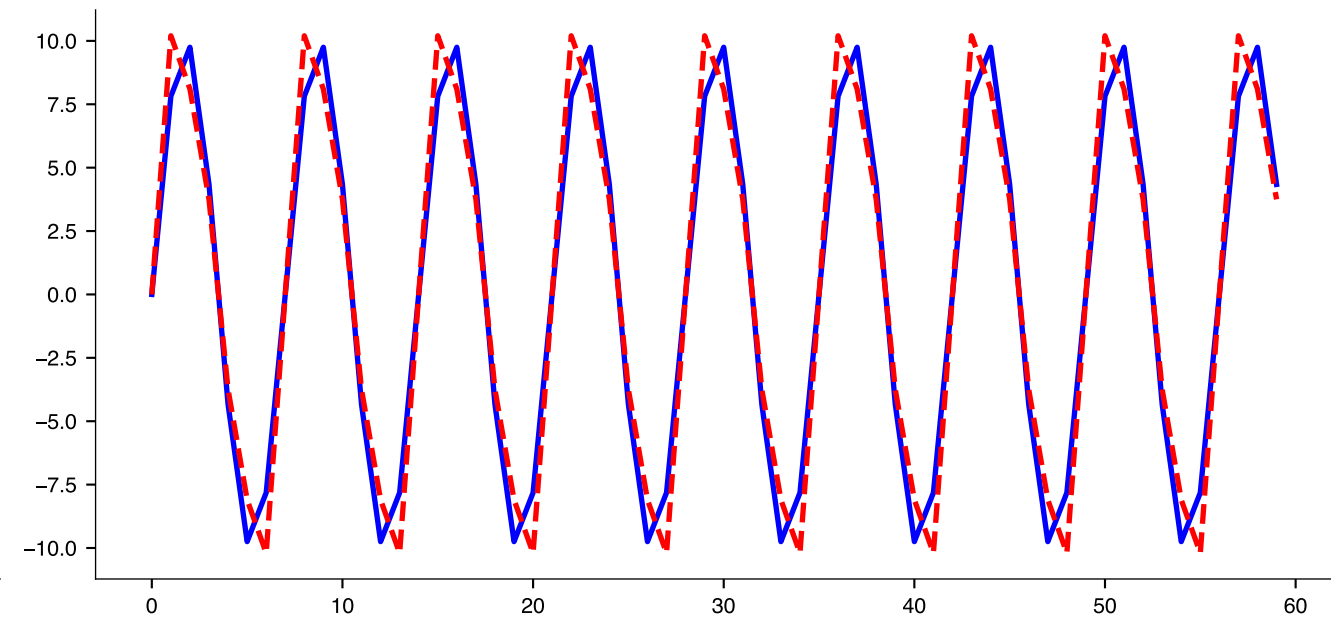


Weekly Fourier Terms (Sine)



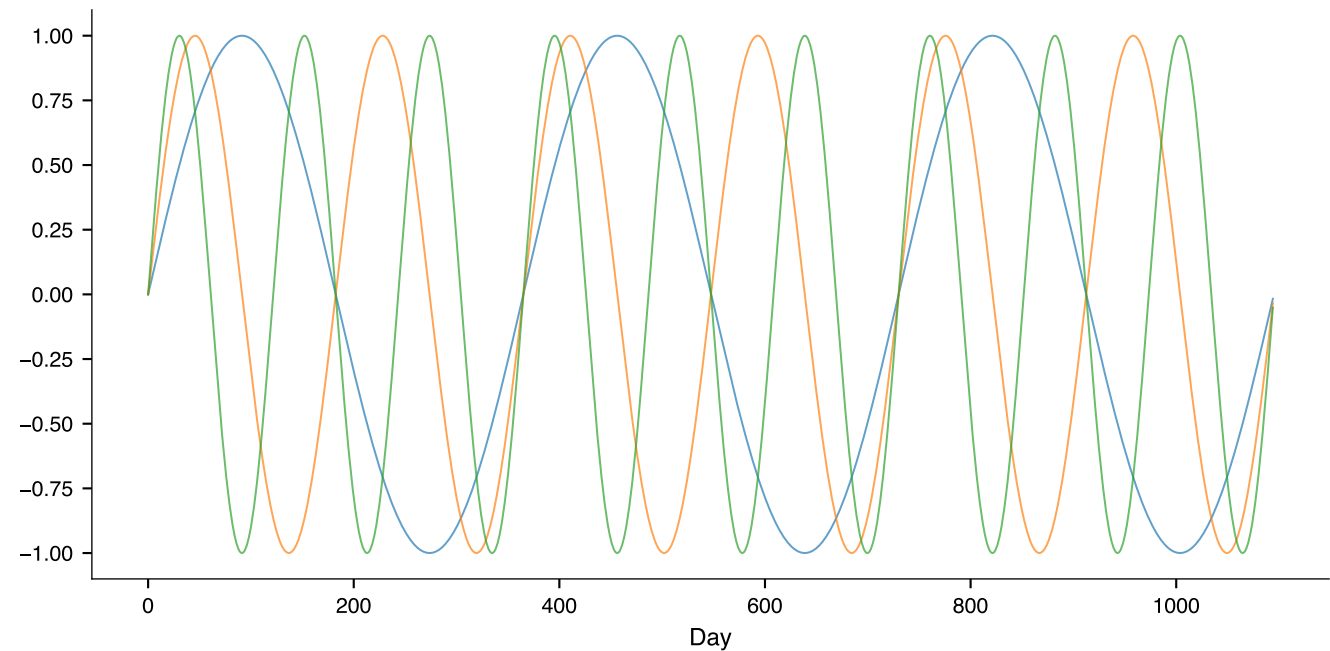
Weekly Pattern: True vs Fourier Approximation



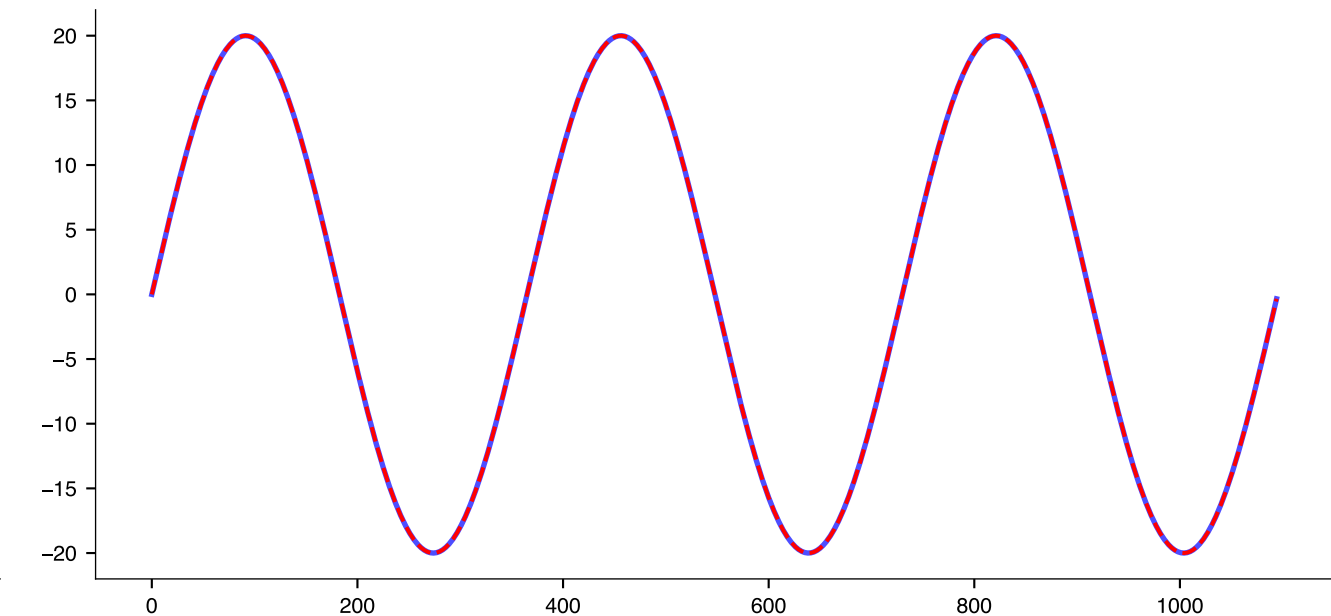
$\sin(2\pi \cdot 1 \cdot t/7)$ $\sin(2\pi \cdot 2 \cdot t/7)$ $\sin(2\pi \cdot 3 \cdot t/7)$

True Fourier (K=3)

Yearly Fourier Terms



Yearly Pattern Approximation



K=1 K=2 K=3

True K=1