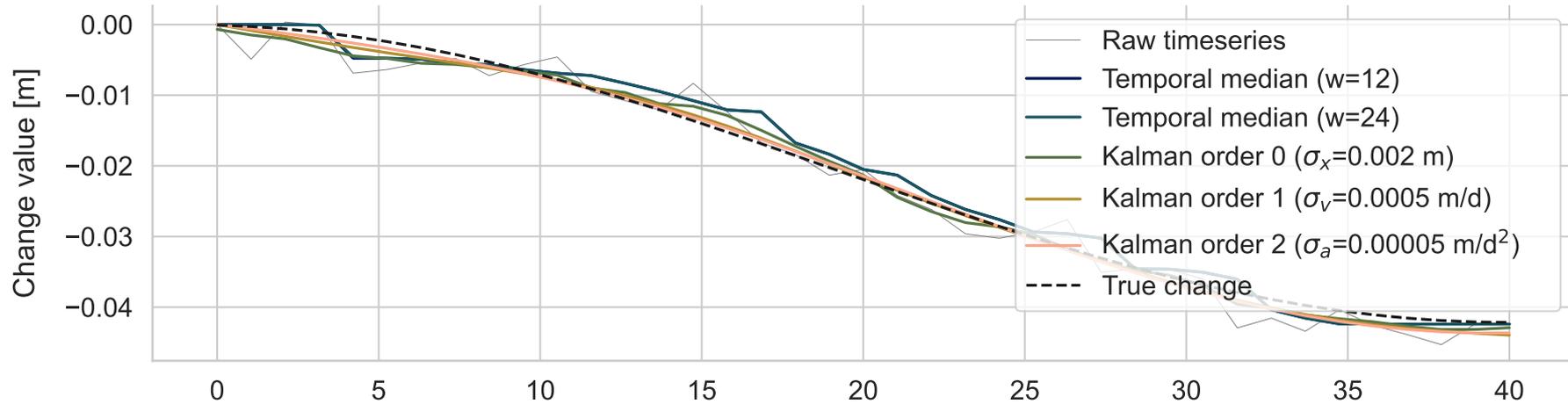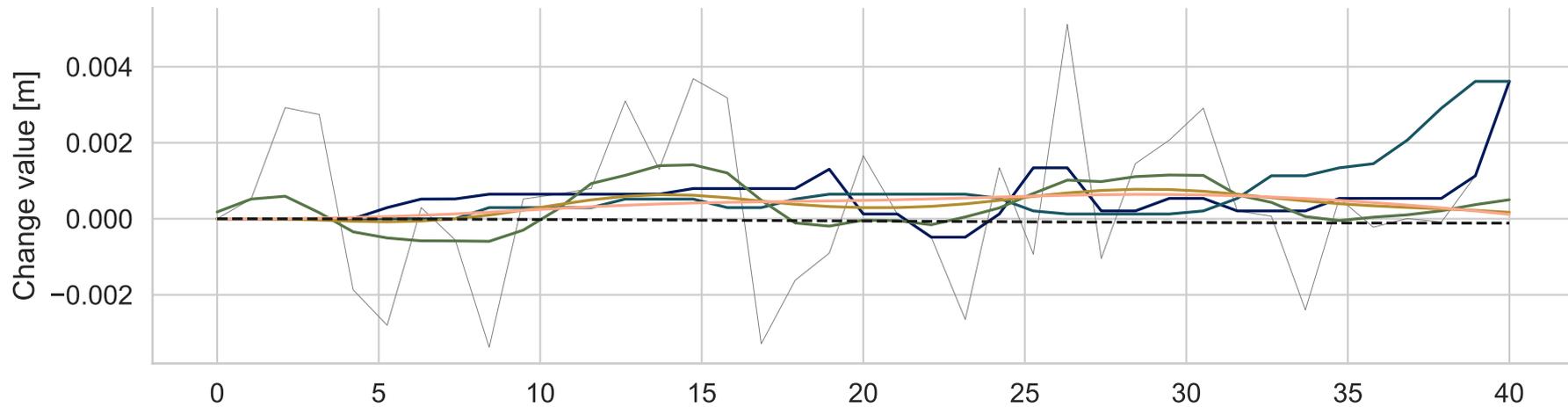Comparison of different filter models on synthetic data

(a)

(b)

(c)

Legend:
- Raw timeseries
- Temporal median (w=12)
- Temporal median (w=24)
- Kalman order 0 (σ_x=0.002 m)
- Kalman order 1 (σ_v=0.0005 m/d)
- Kalman order 2 (σ_a=0.00005 m/d^2)
- True change