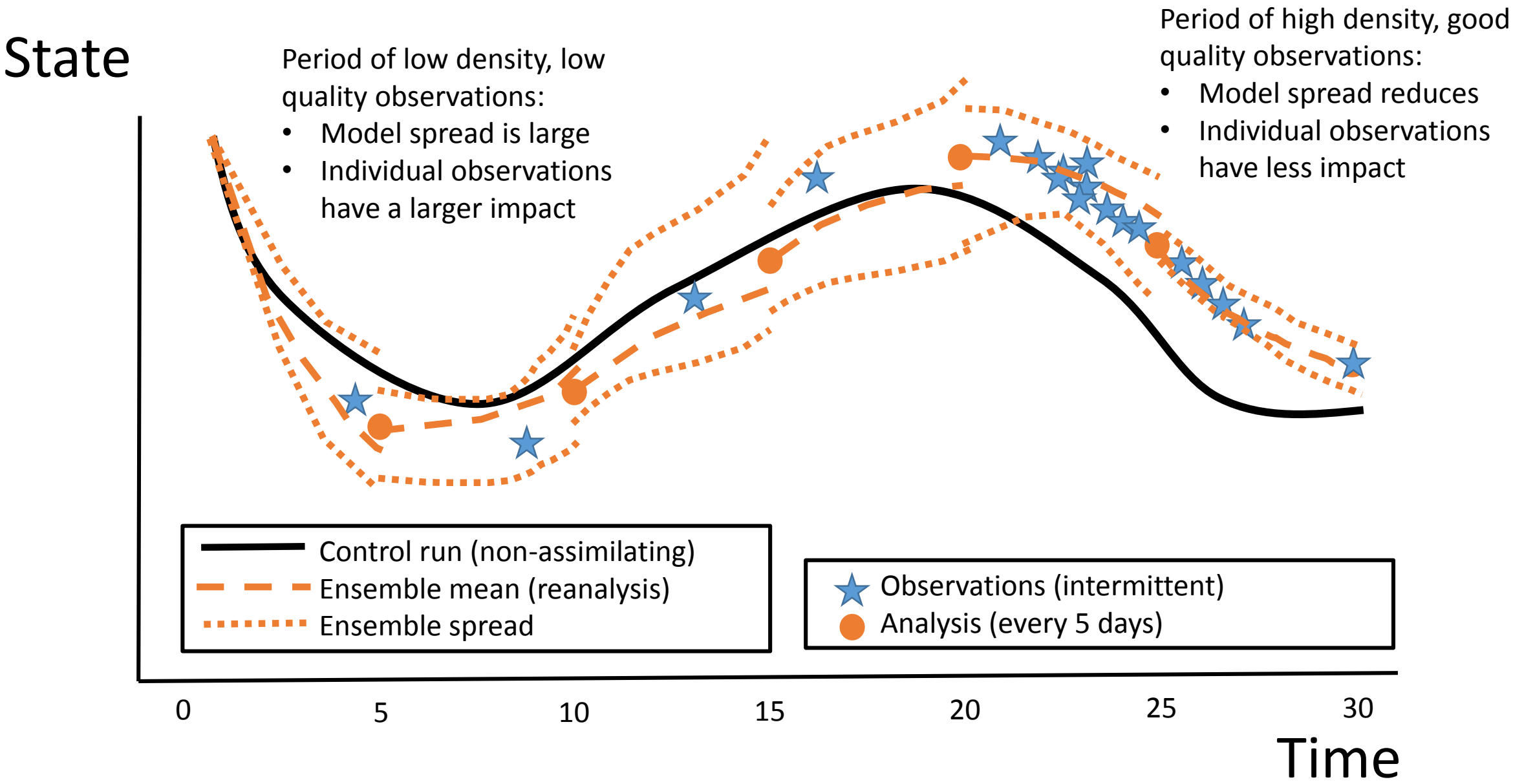
State
Period of low density, low quality observations:
• Model spread is large
• Individual observations have a larger impact
Period of high density, good quality observations:
• Model spread reduces
• Individual observations have less impact
Control run (non-assimilating)
Ensemble mean (reanalysis)
Ensemble spread
Observations (intermittent)
Analysis (every 5 days)
0
5
10
15
20
25
30
Time