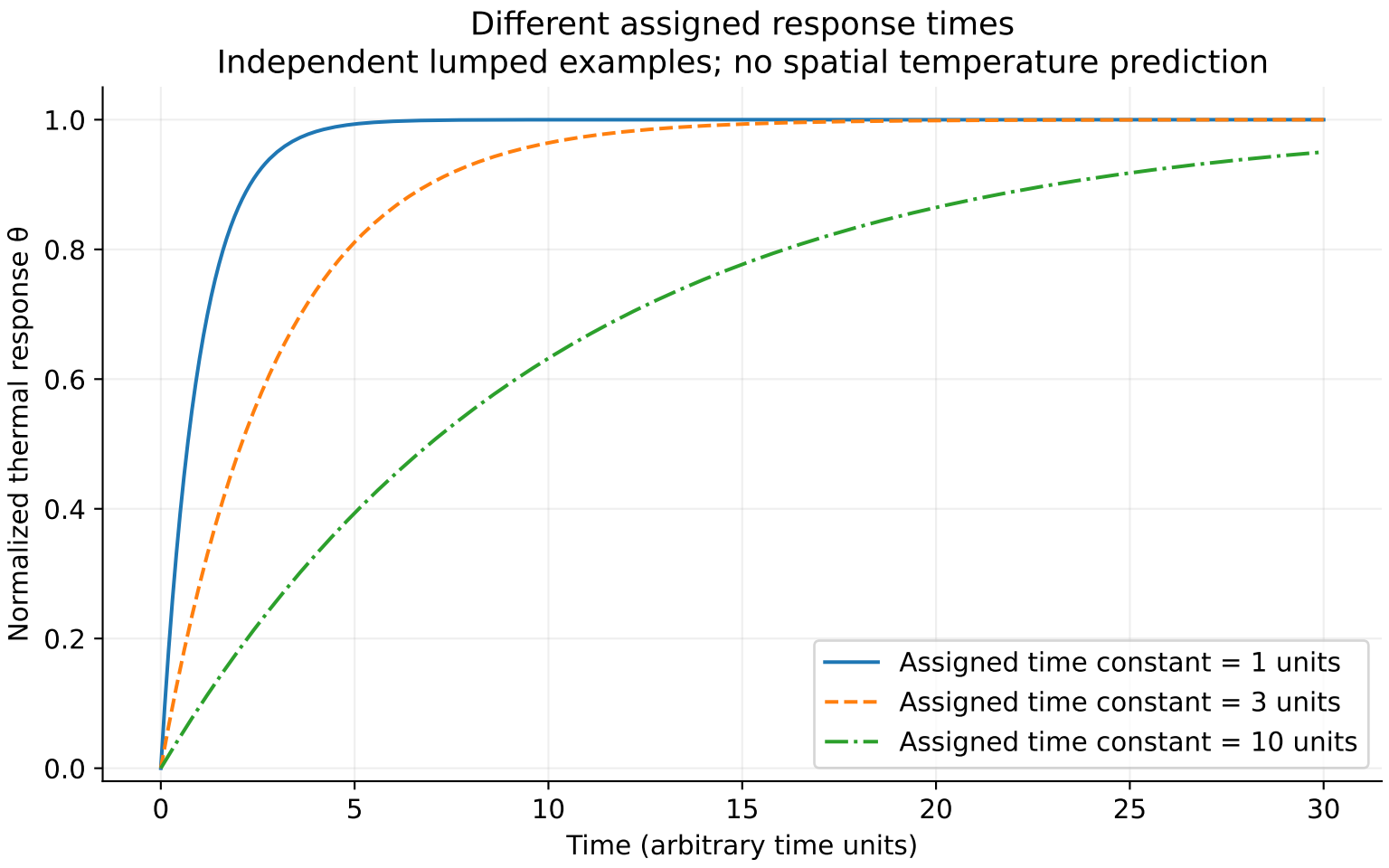

Different assigned response times
Independent lumped examples; no spatial temperature prediction
Normalized thermal response θ
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Time (arbitrary time units)
Assigned time constant = 1 units
Assigned time constant = 3 units
Assigned time constant = 10 units