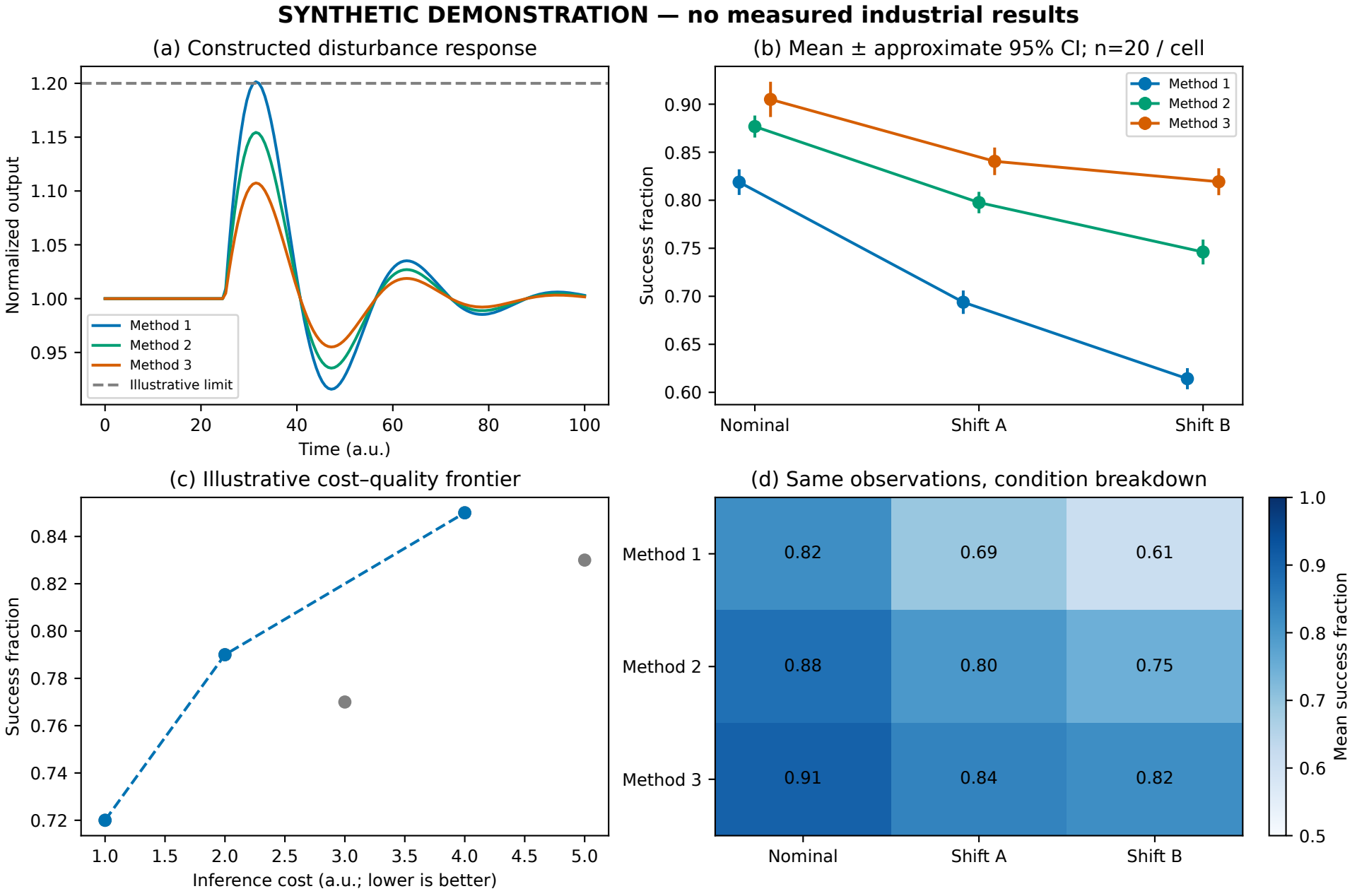

SYNTHETIC DEMONSTRATION — no measured industrial results
(a) Constructed disturbance response
Normalized output
Time (a.u.)
Method 1
Method 2
Method 3
Illustrative limit
(b) Mean ± approximate 95% CI; n=20 / cell
Success fraction
Nominal
Shift A
Shift B
(c) Illustrative cost–quality frontier
Success fraction
Inference cost (a.u.; lower is better)
(d) Same observations, condition breakdown
Method 1
Method 2
Method 3
0.82
0.69
0.61
0.88
0.80
0.75
0.91
0.84
0.82
Mean success fraction