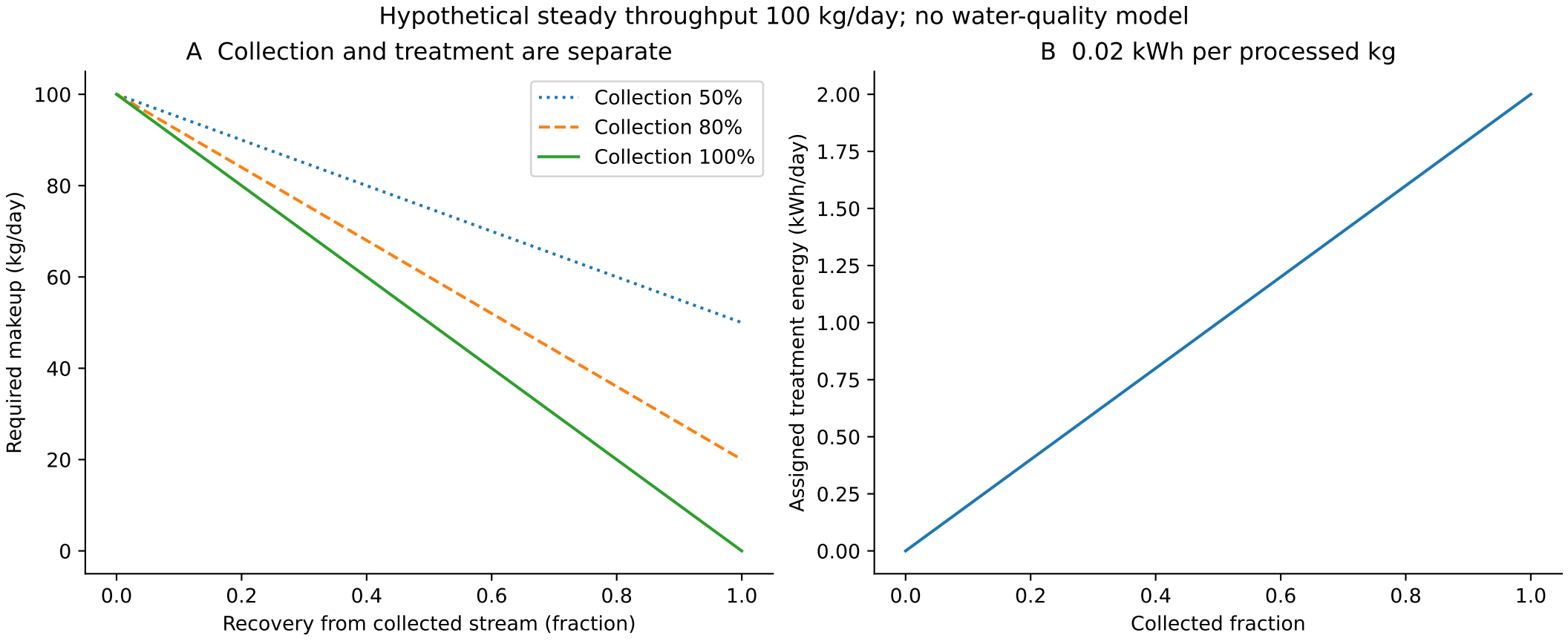

Hypothetical steady throughput 100 kg/day; no water-quality model
A Collection and treatment are separate
B 0.02 kWh per processed kg
Collection 50%
Collection 80%
Collection 100%
Required makeup (kg/day)
Recovery from collected stream (fraction)
Assigned treatment energy (kWh/day)
Collected fraction
0
20
40
60
80
100
0.0
0.2
0.4
0.6
0.8
1.0
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00