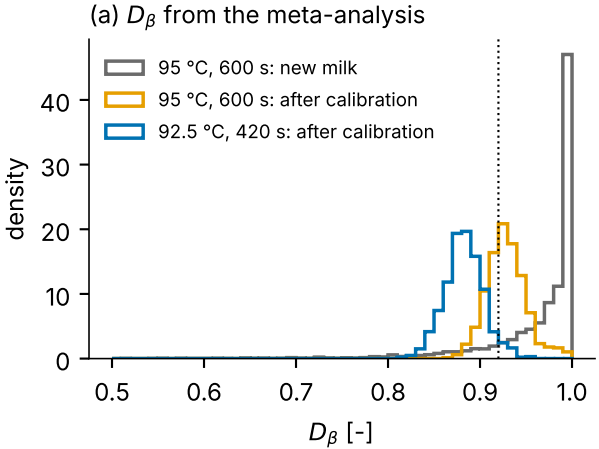
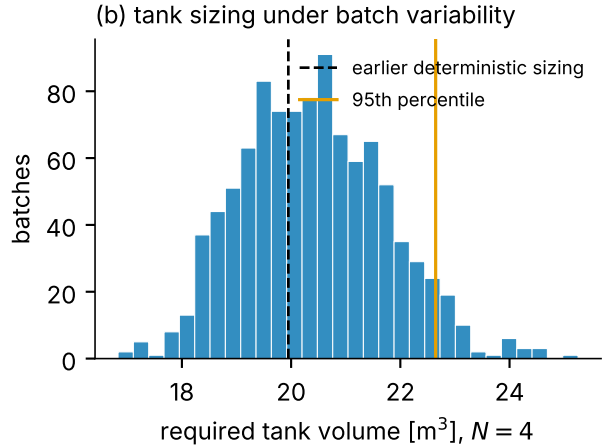

(a) D_β from the meta-analysis
95 °C, 600 s: new milk
95 °C, 600 s: after calibration
92.5 °C, 420 s: after calibration
density
0
10
20
30
40
0.5
0.6
0.7
0.8
0.9
1.0
D_β [-]


(b) tank sizing under batch variability
earlier deterministic sizing
95th percentile
batches
0
20
40
60
80
18
20
22
24
required tank volume [m^3], $N = 4$