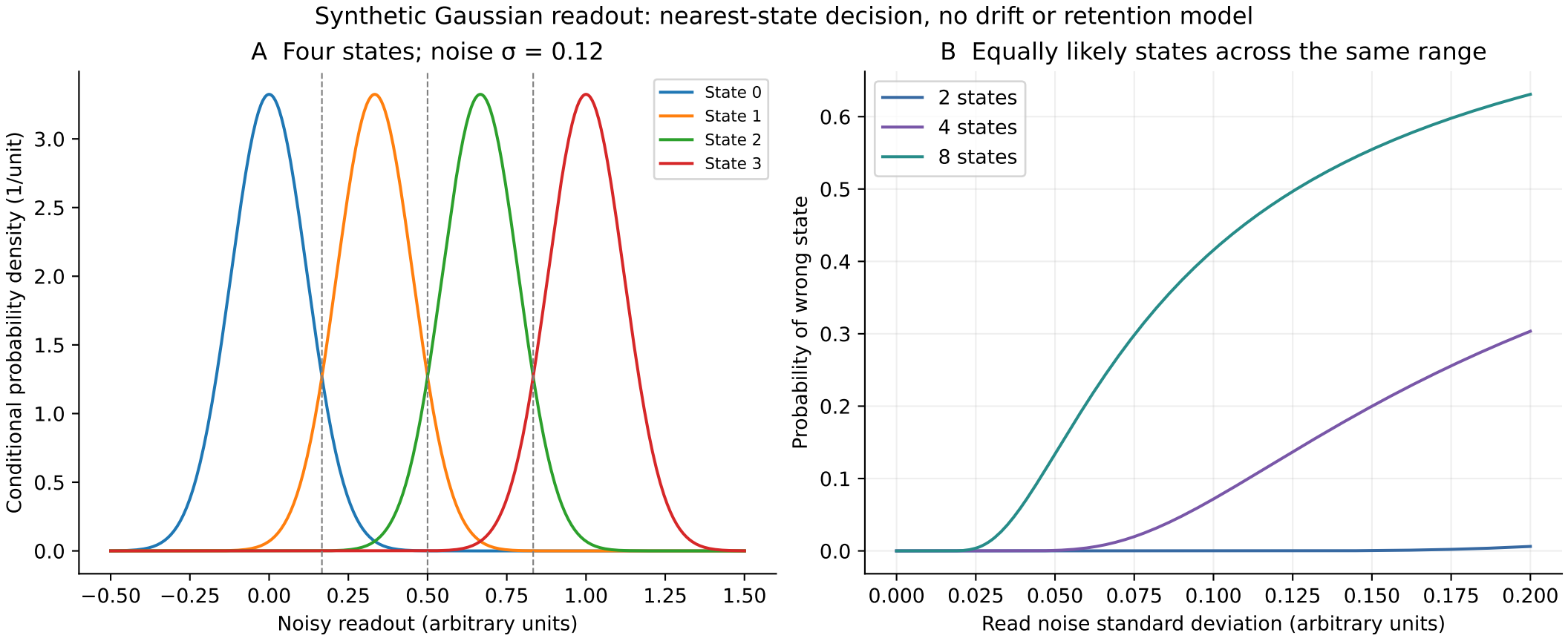

Synthetic Gaussian readout: nearest-state decision, no drift or retention model
A Four states; noise σ = 0.12
State 0
State 1
State 2
State 3
Conditional probability density (1/unit)
Noisy readout (arbitrary units)
B Equally likely states across the same range
2 states
4 states
8 states
Probability of wrong state
Read noise standard deviation (arbitrary units)