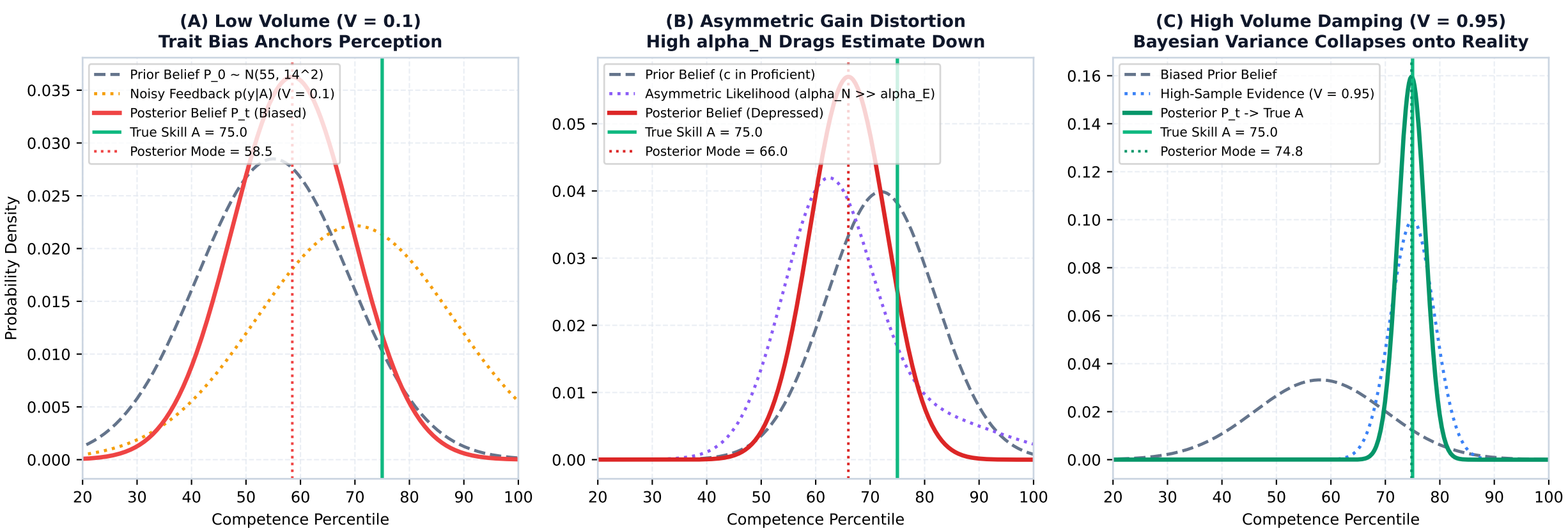

(A) Low Volume (V = 0.1)
Trait Bias Anchors Perception
Prior Belief P_0 ~ N(55, 14^2)
Noisy Feedback p(y|A) (V = 0.1)
Posterior Belief P_t (Biased)
True Skill A = 75.0
Posterior Mode = 58.5
Probability Density
Competence Percentile
(B) Asymmetric Gain Distortion
High alpha_N Drags Estimate Down
Prior Belief (c in Proficient)
Asymmetric Likelihood (alpha_N >> alpha_E)
Posterior Belief (Depressed)
True Skill A = 75.0
Posterior Mode = 66.0
Competence Percentile
(C) High Volume Damping (V = 0.95)
Bayesian Variance Collapses onto Reality
Biased Prior Belief
High-Sample Evidence (V = 0.95)
Posterior P_t -> True A
True Skill A = 75.0
Posterior Mode = 74.8
Competence Percentile