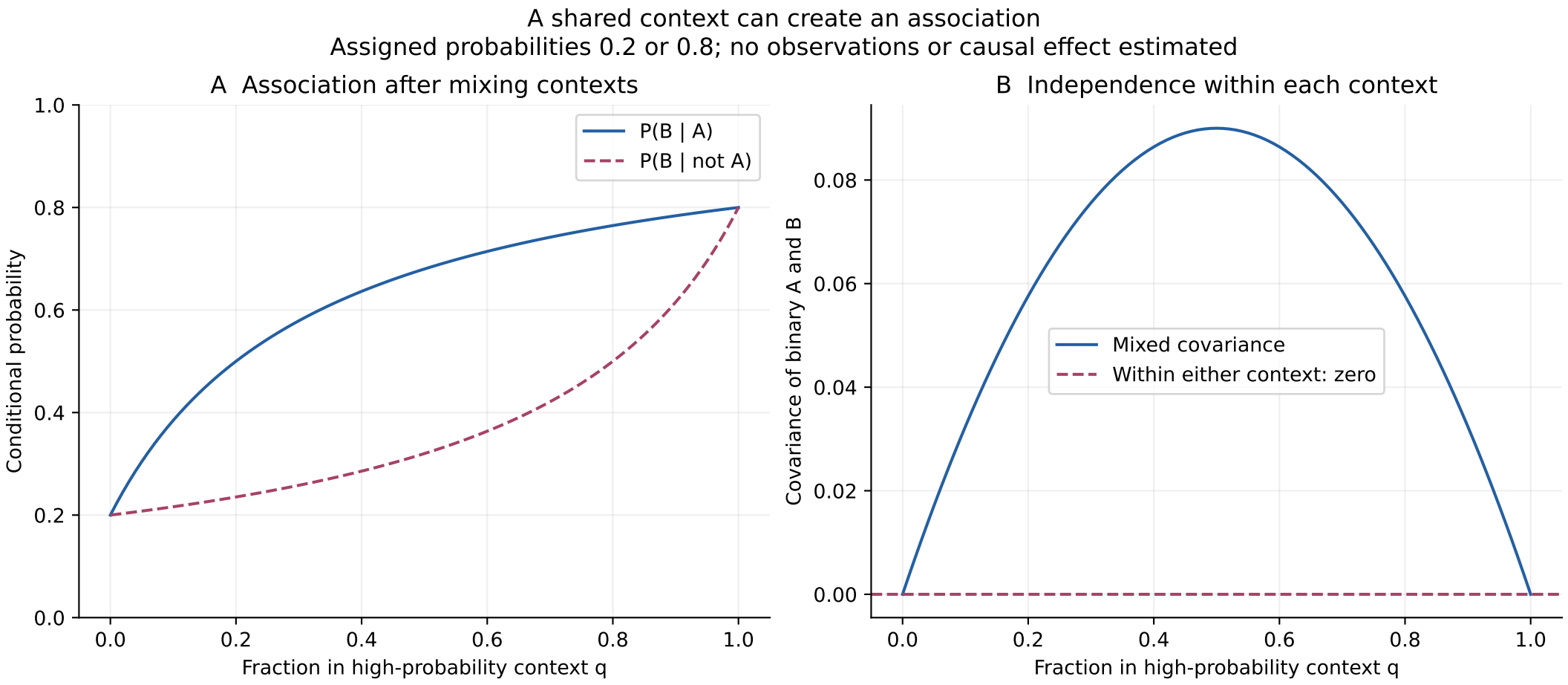

A shared context can create an association
Assigned probabilities 0.2 or 0.8; no observations or causal effect estimated
A Association after mixing contexts
P(B | A)
P(B | not A)
Conditional probability
Fraction in high-probability context q
B Independence within each context
Mixed covariance
Within either context: zero
Covariance of binary A and B
Fraction in high-probability context q