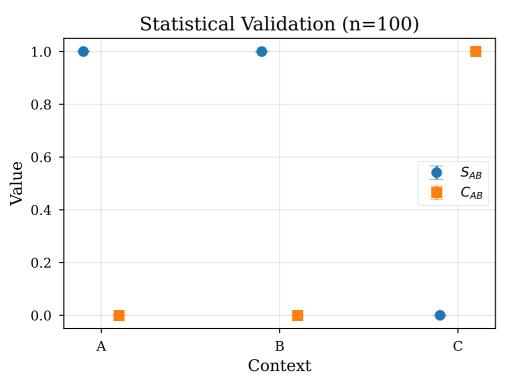
Connection to Loop Quantum Gravity

Entanglement Properties Comparison

Spin Network Analogy

Conceptual diagram to be created

Property	Context None/A/B	Context C
S_{AB}	1 bit	0 bits
C_{AB}	0	1
State Type	Mixed	Pure
LQG Analog	No bridge	With bridge



Key Insight: Context C creates a pure entangled state between A and B (C $\{AB\} = 1$), but with zero entropy because it's pure.

This mirrors how bridge insertion in LQG creates gauge-invariant singlet channels.