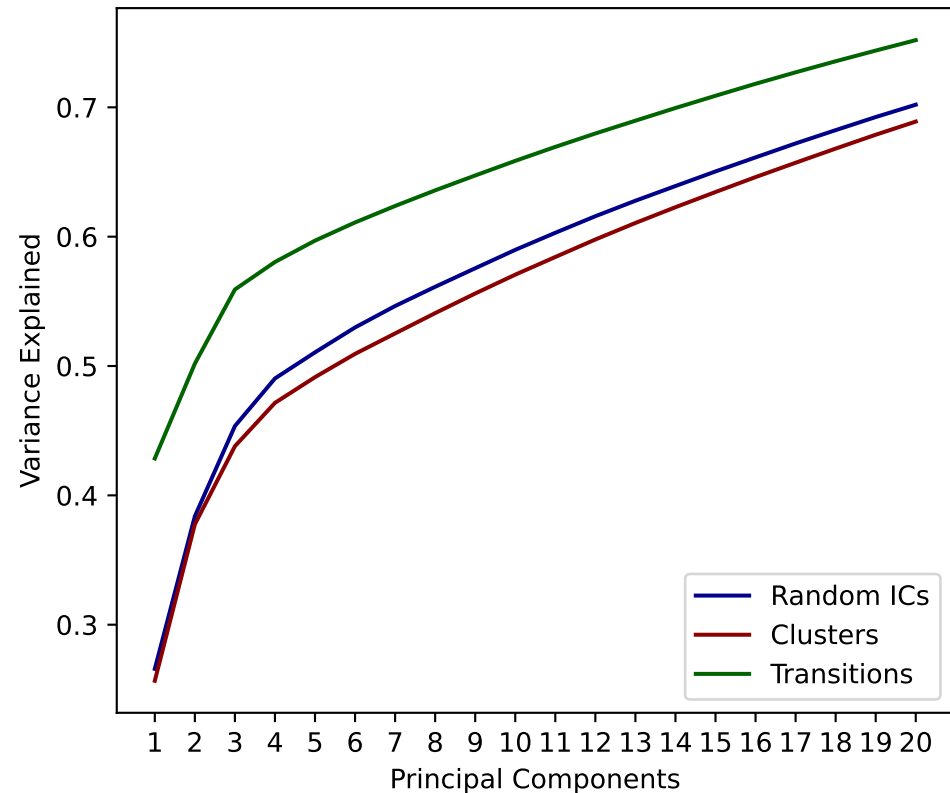Noise Dimensionality Intra-Area - 2 States