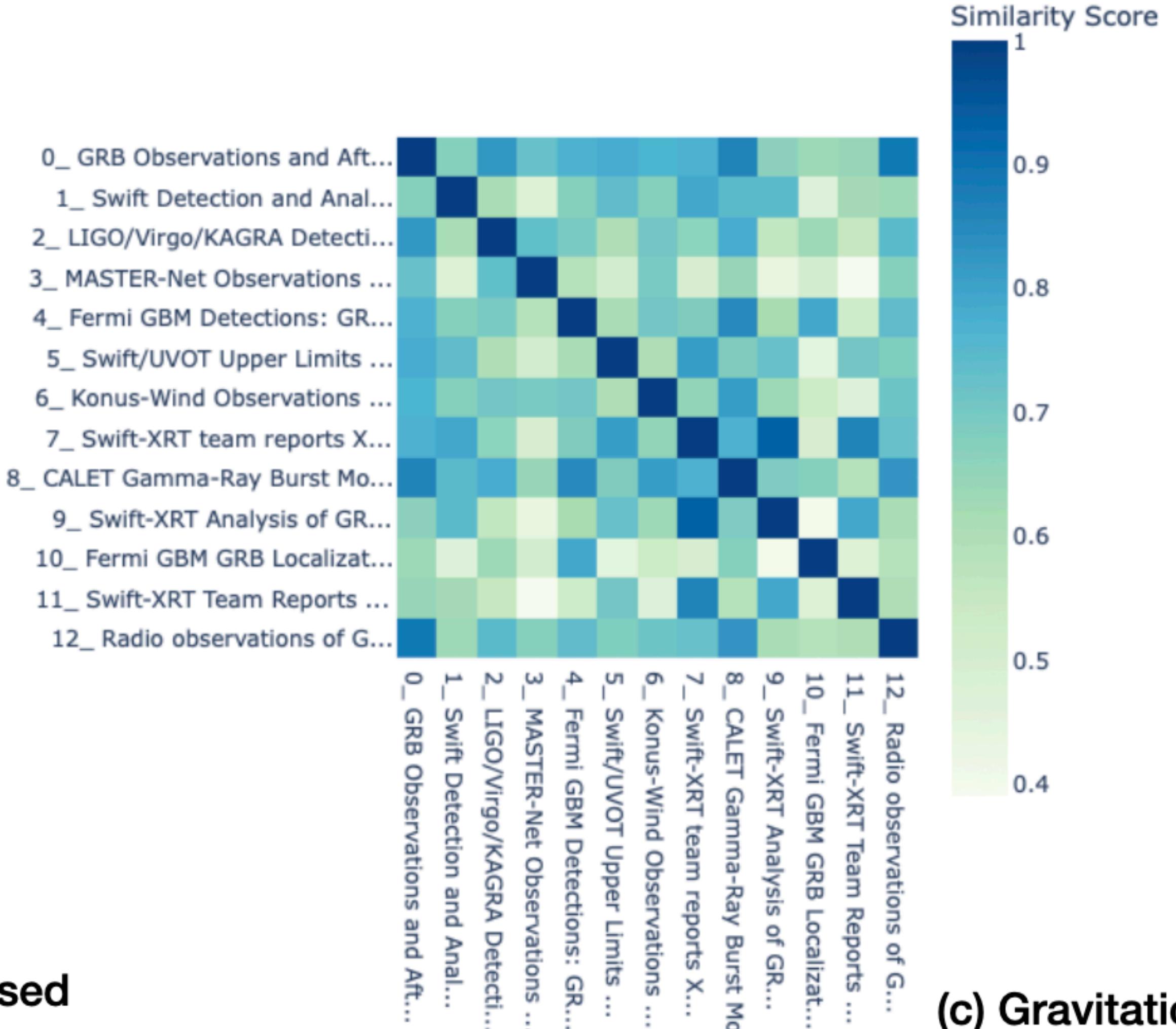
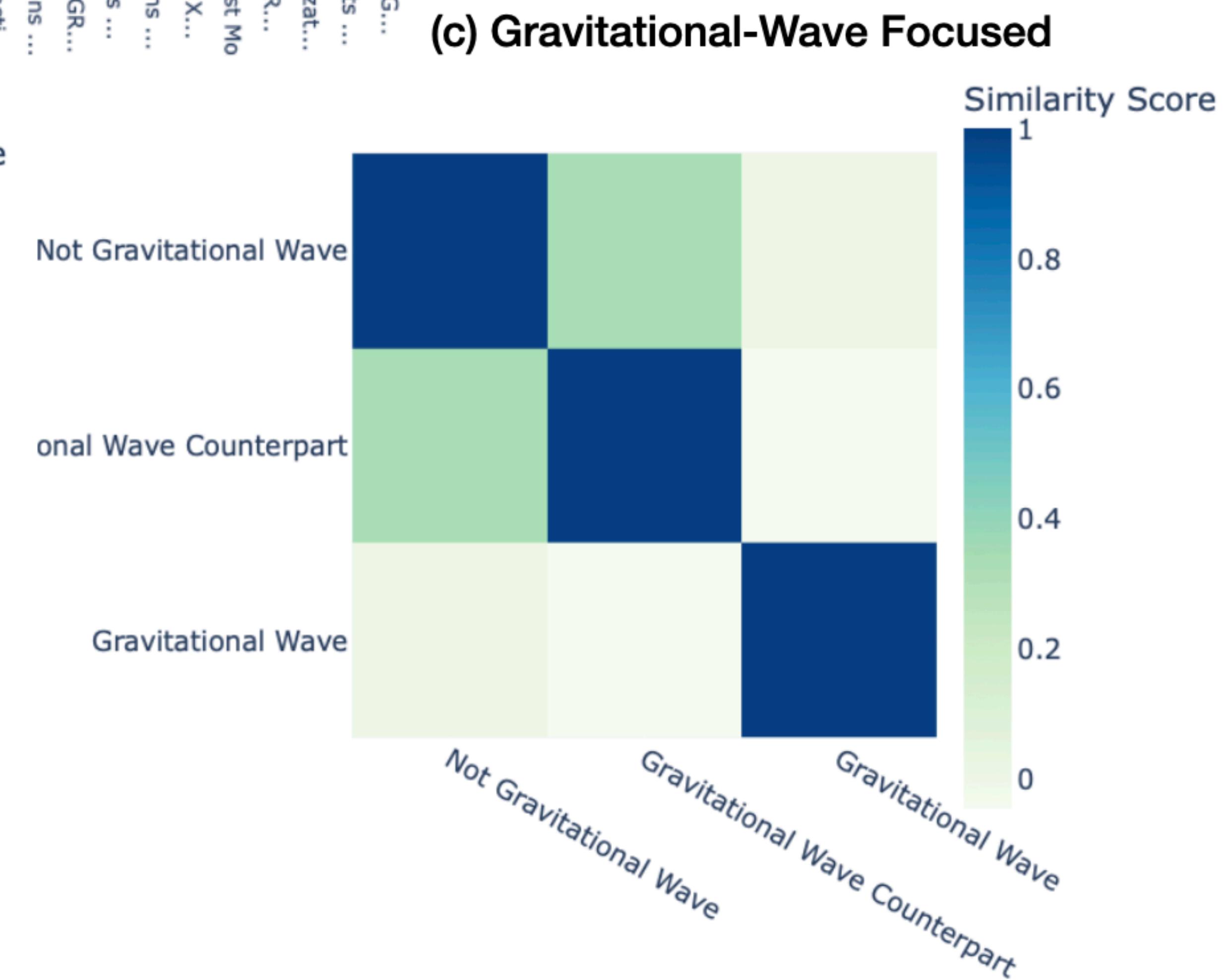
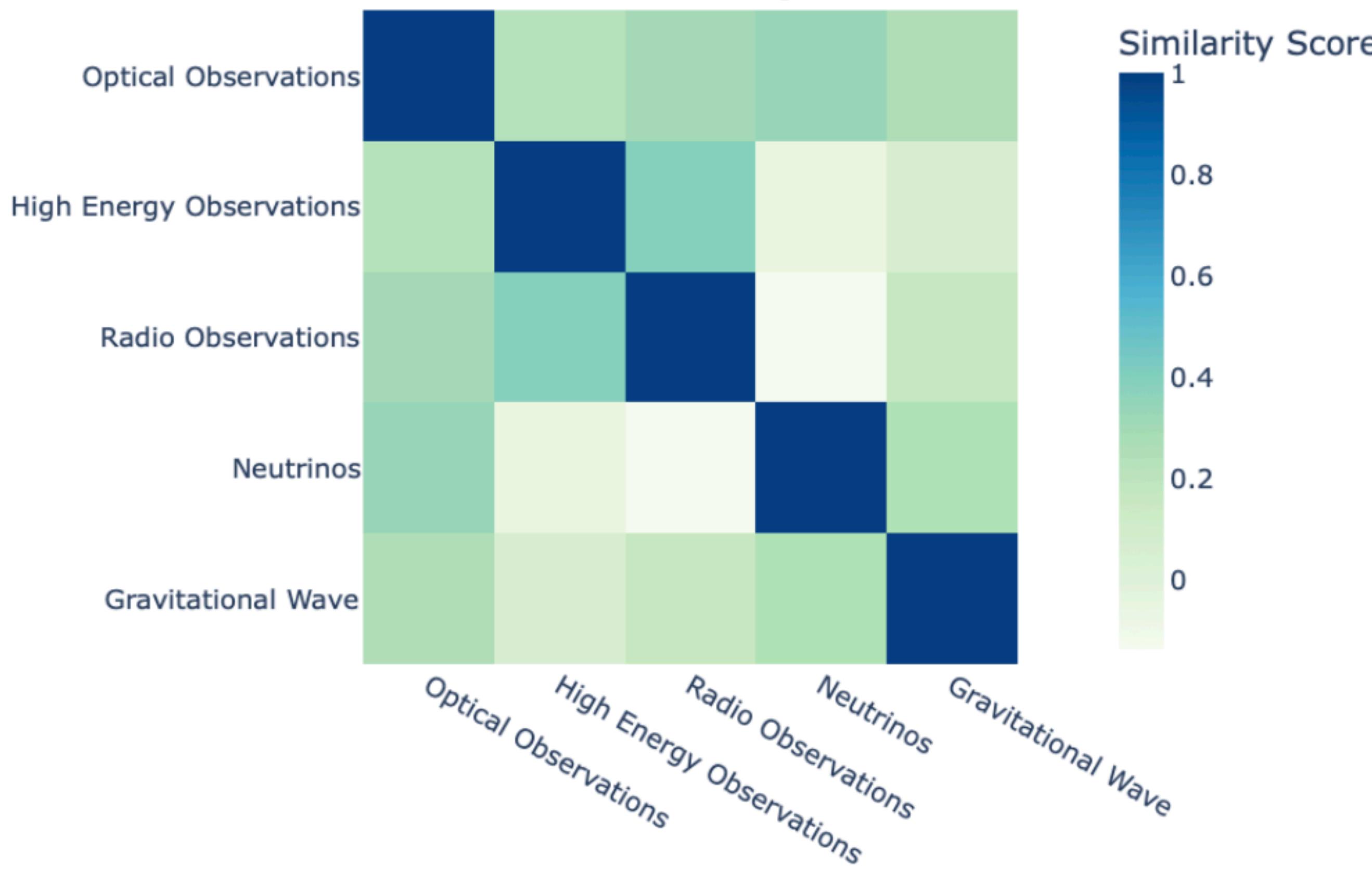


**(a) Similarity Matrix for Unsupervised**



**(b) Similarity Matrix for Observational-based**



**(c) Gravitational-Wave Focused**