Synchrony–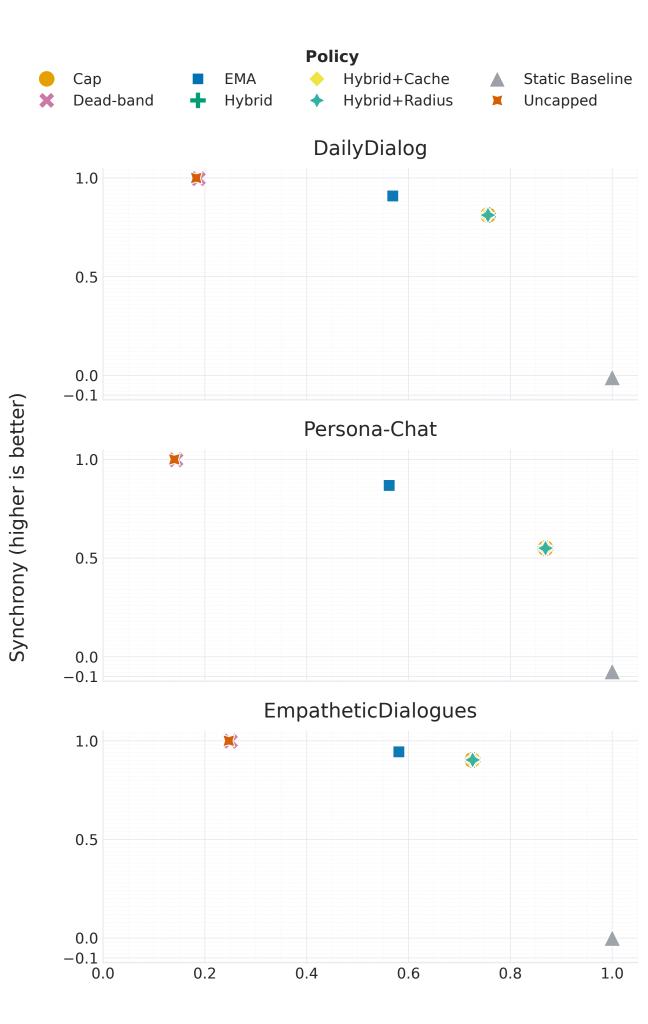Stability Frontier Across Public Datasets