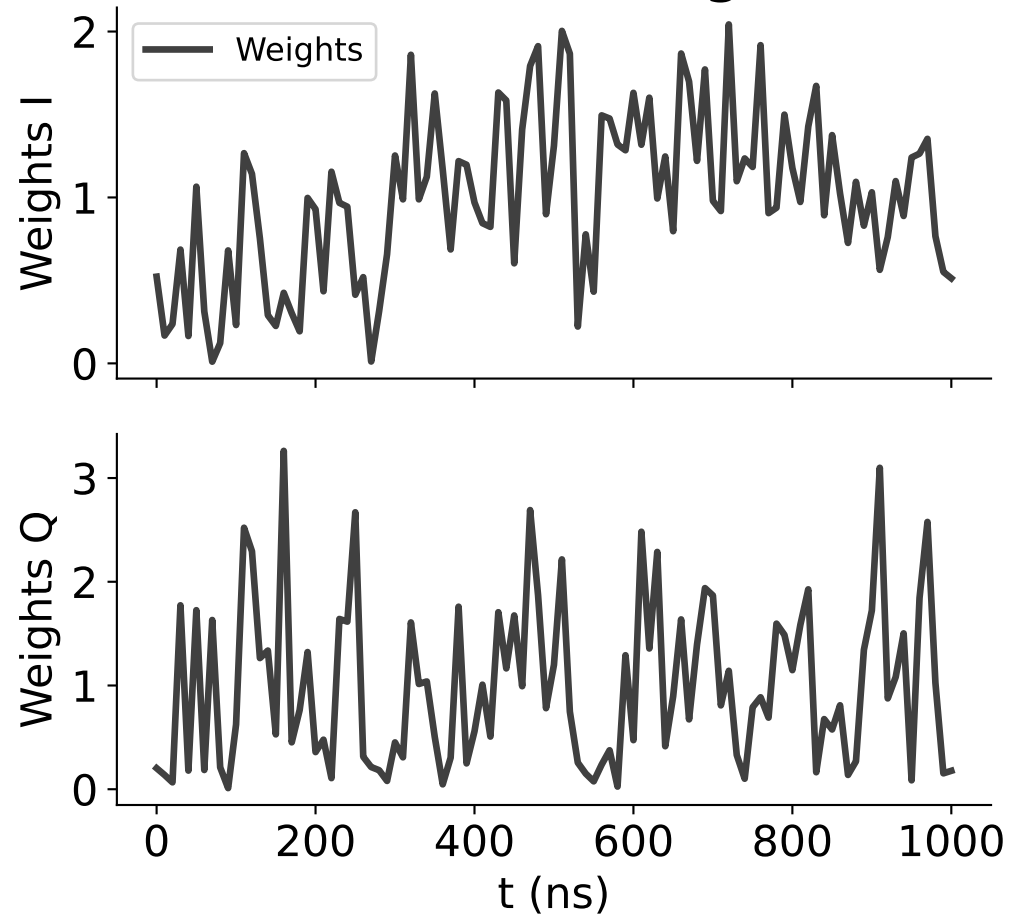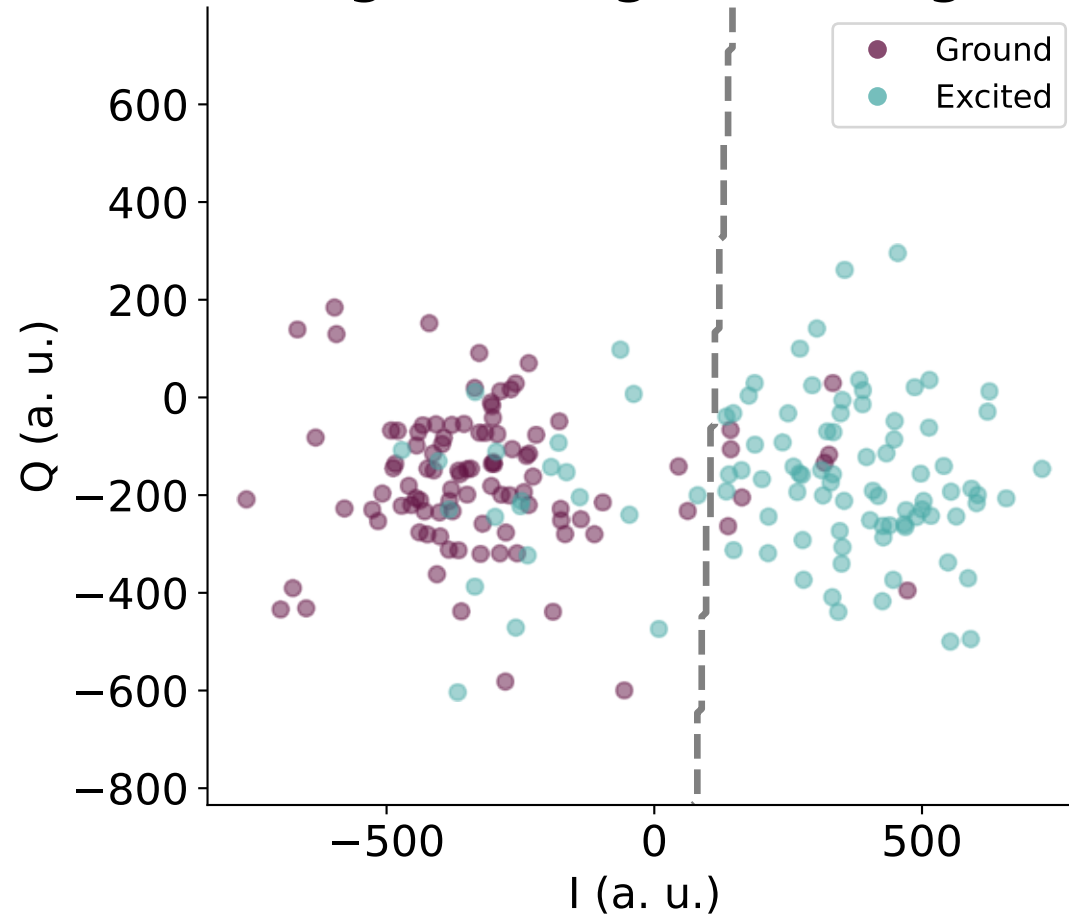Fidelity Analysis for T1