Fidelity Analysis for T1 50 Reduction

Calculated Weights — Weights | Weights I | Weights Q | t (ns)
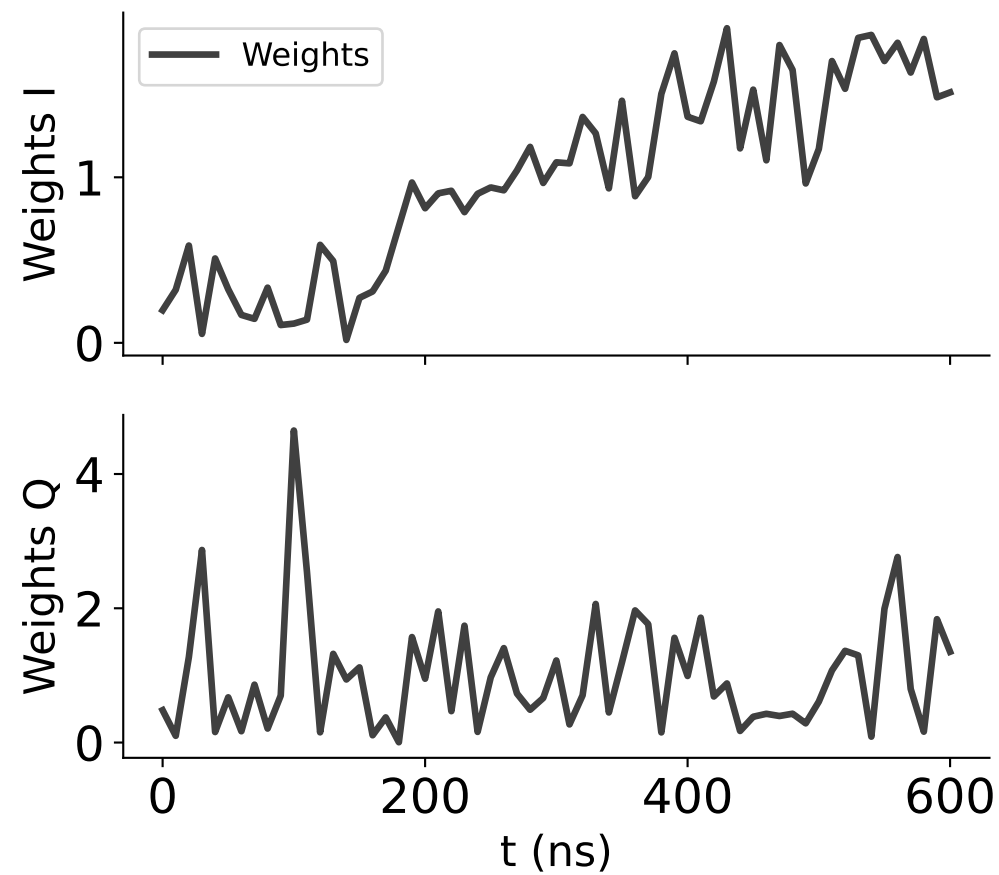
Integrated Signal w Weights — Ground, Excited, Decision Boundary | Q (a. u.) | I (a. u.)
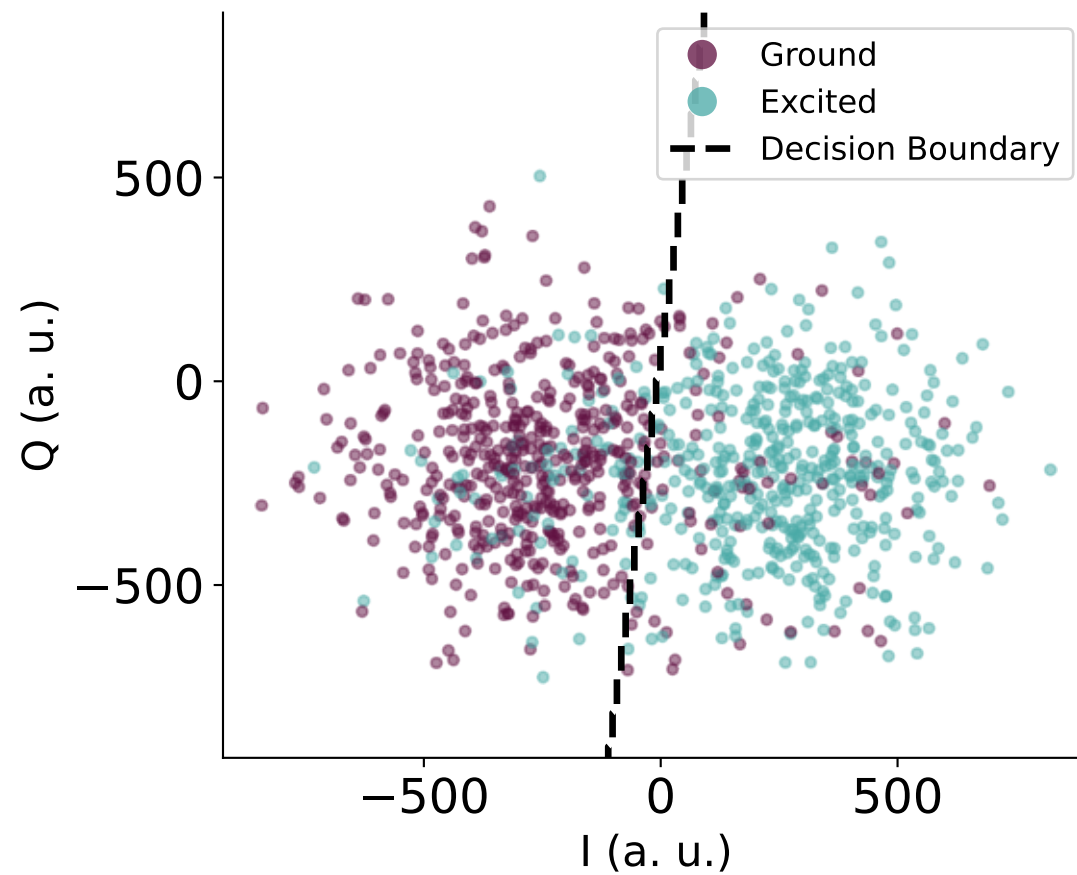
Histogram of the Projected Data — Ground, Excited, Fidelity, optimal threshold | Density | Fidelity | LDA - projection | Fidelity: 0.696