Supplementary materials for "On readout and initialisation fidelity by finite demolition single shot readout"

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I. DATA FOR DERIVING THE CHARGE STATE RATES AND PHOTON COUNTS DATA

TO SI gamma and lambda

II. CALCULATION OF FIDELITIES AND PREPARATION TIMES FOR CHARGE STATE

TO SI all pictures from @Majid, for various fidelities.

III. CALIBRATION OF NUCLEAR SPIN DATA

all pictures from @Majid, for various fidelities. TO SI nuclear spin counts, gamma