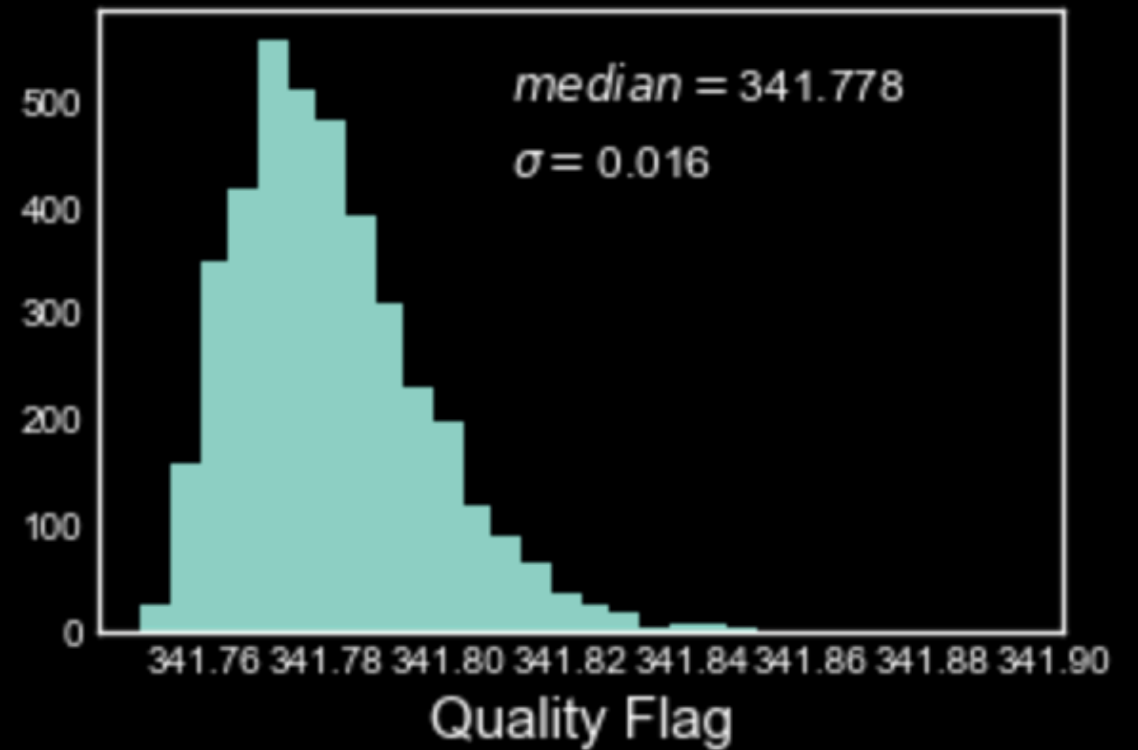
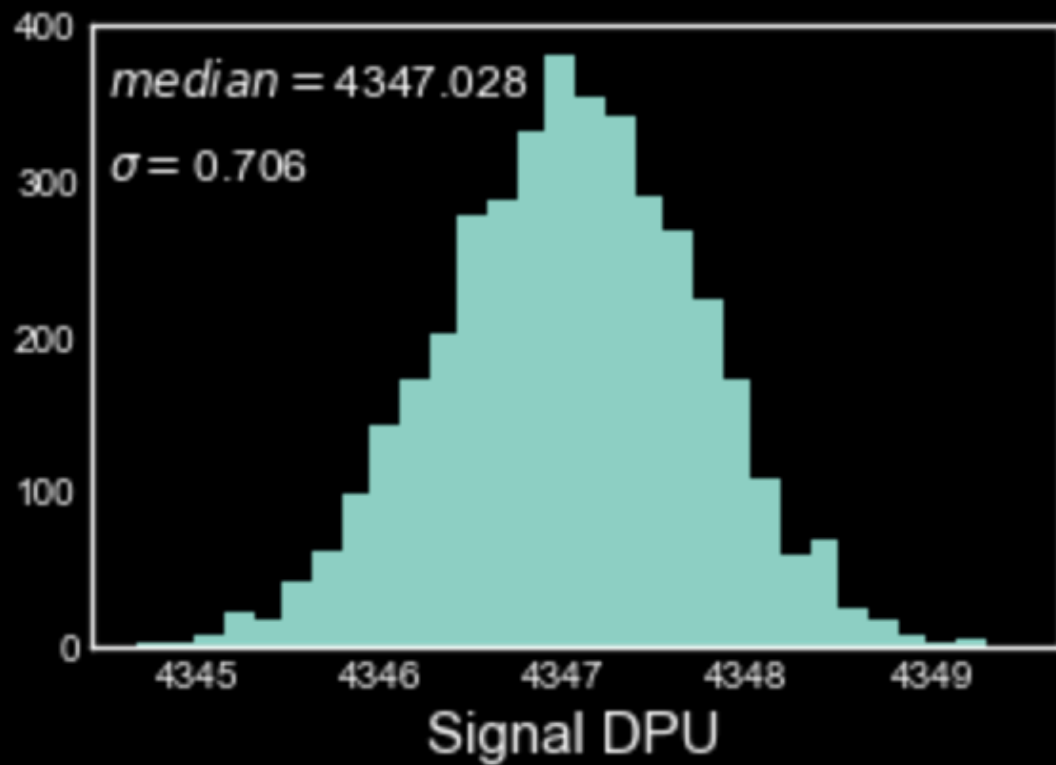
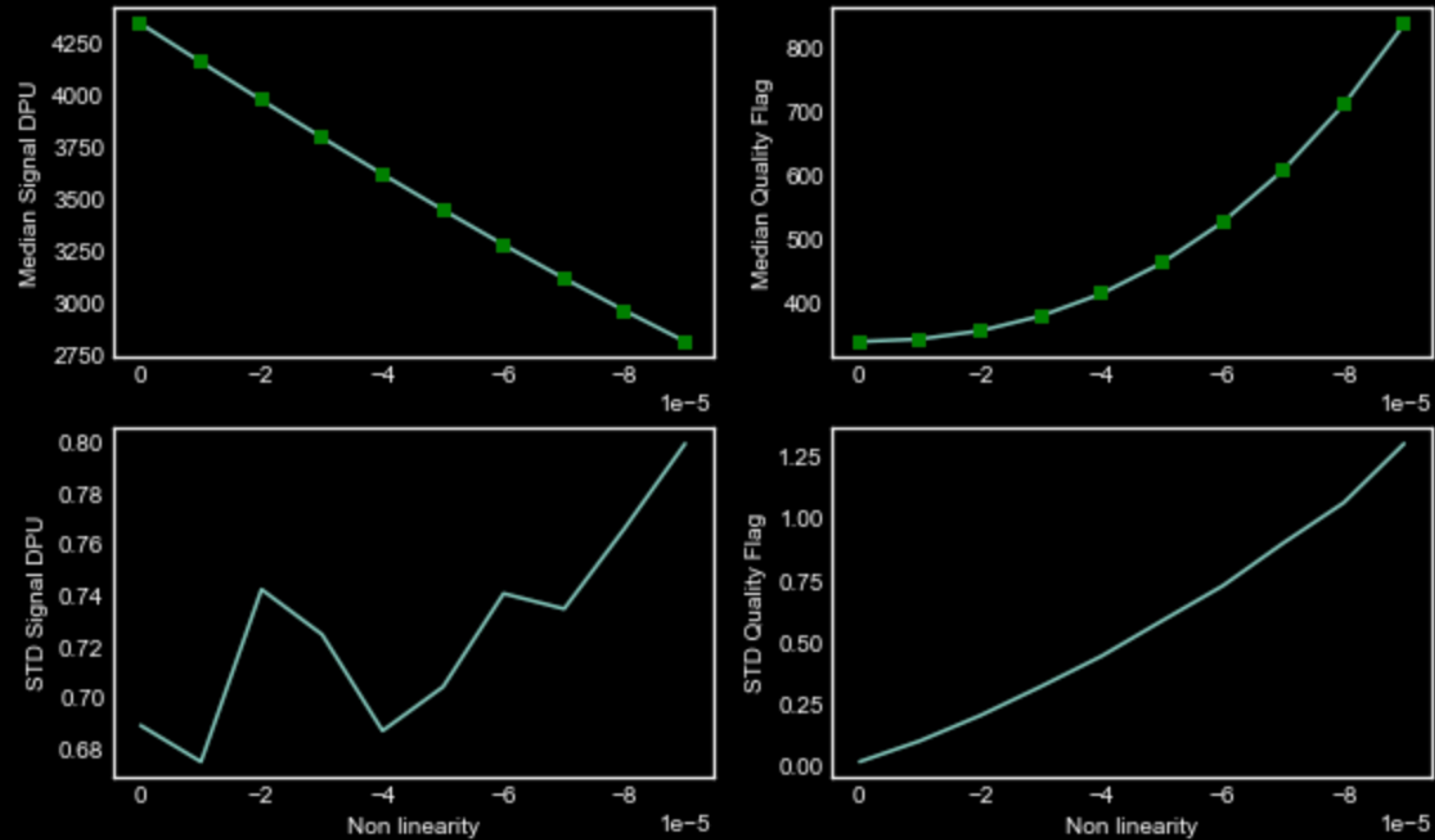


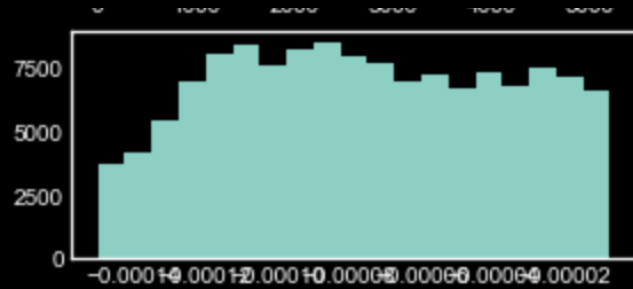
sample MAAC simulator with and without RTN
Light current = 10.0, Dark current = 0.04, read noise = 9.0 and (ng=15, nf=16, nd=11)



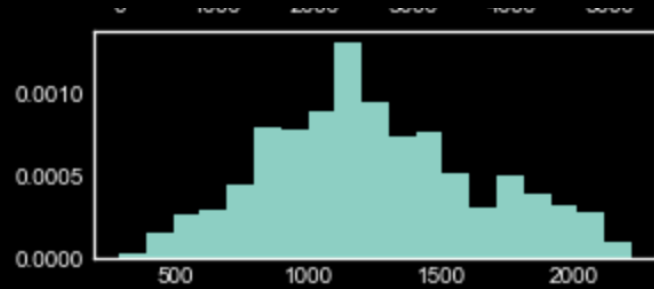
With NO NL and RTN, change in the QF and DPU signal

Change in signal and QF with Varying NL (no RTN)

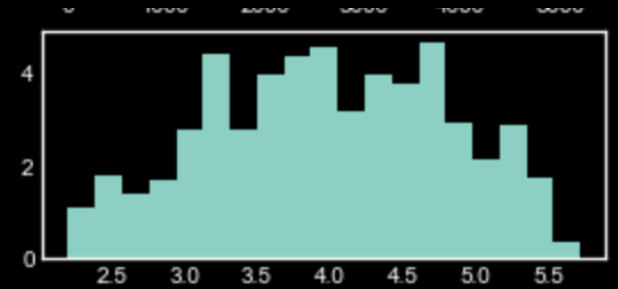




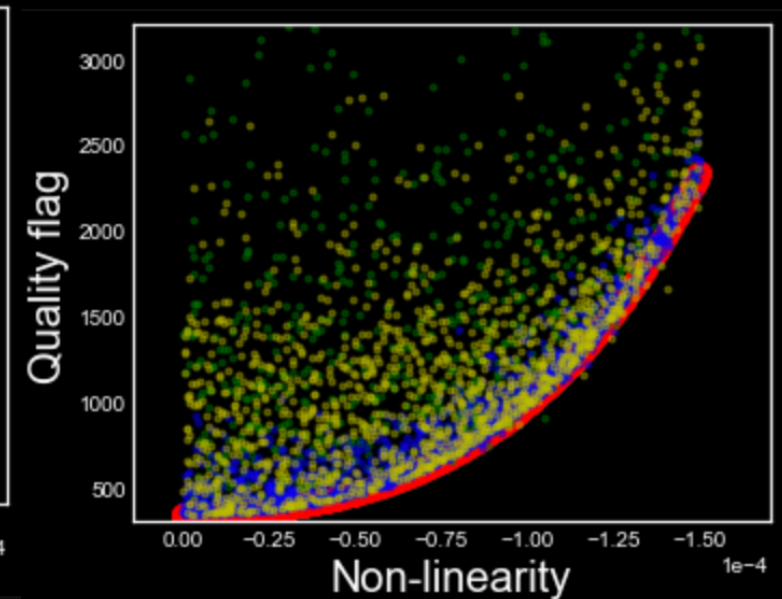
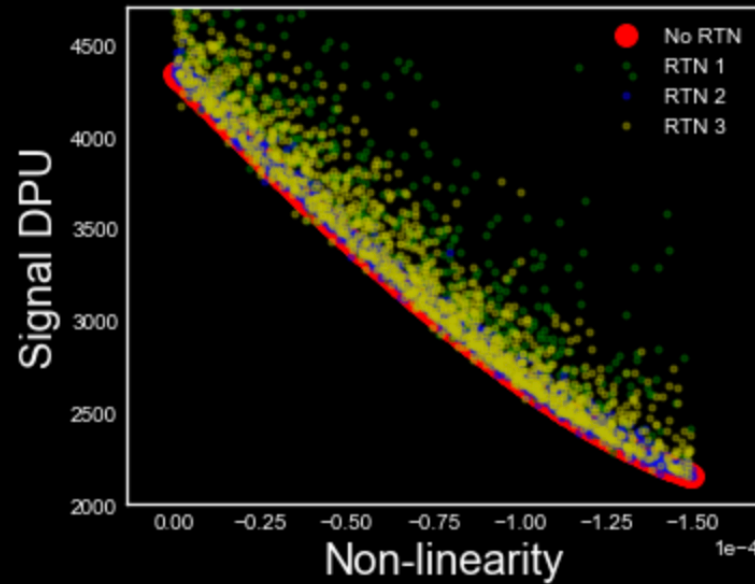
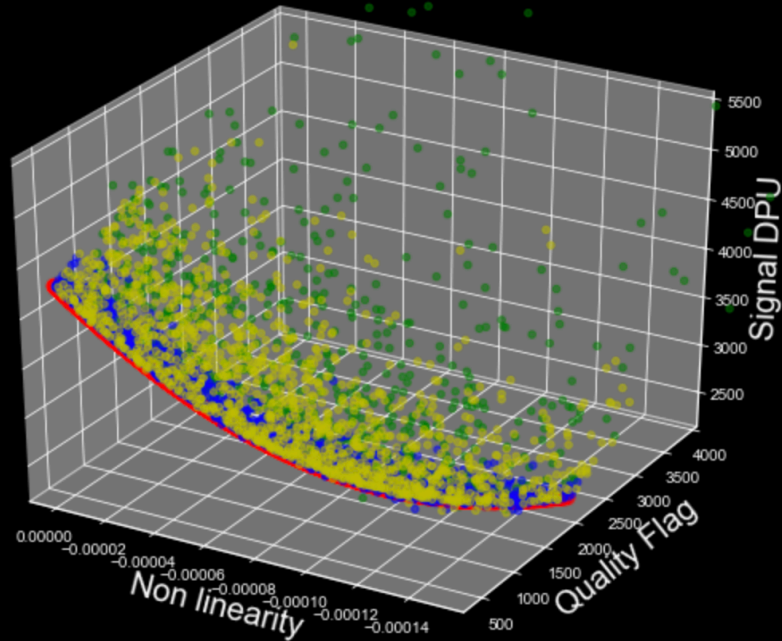
nonlinearity



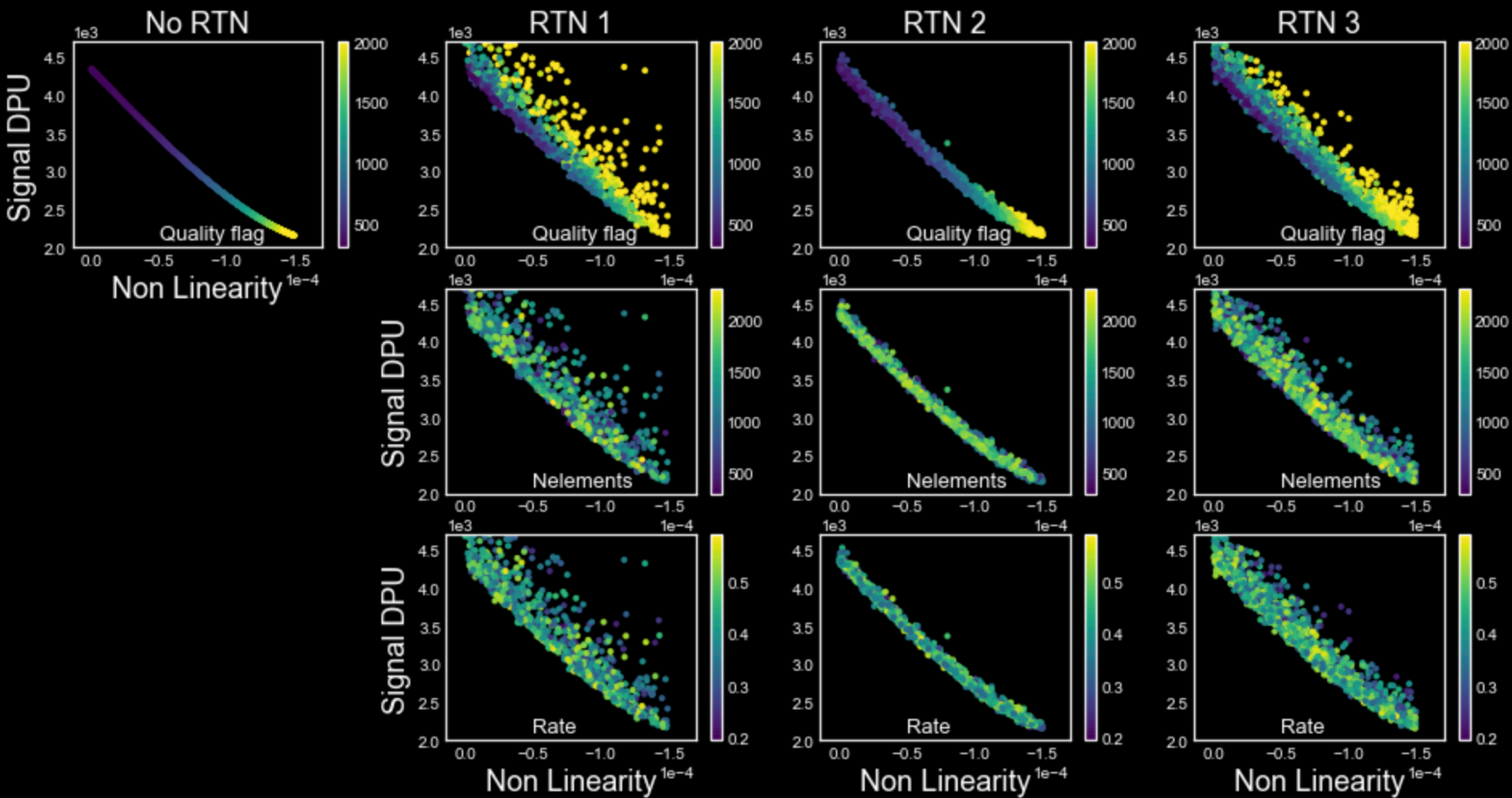
RTN rate



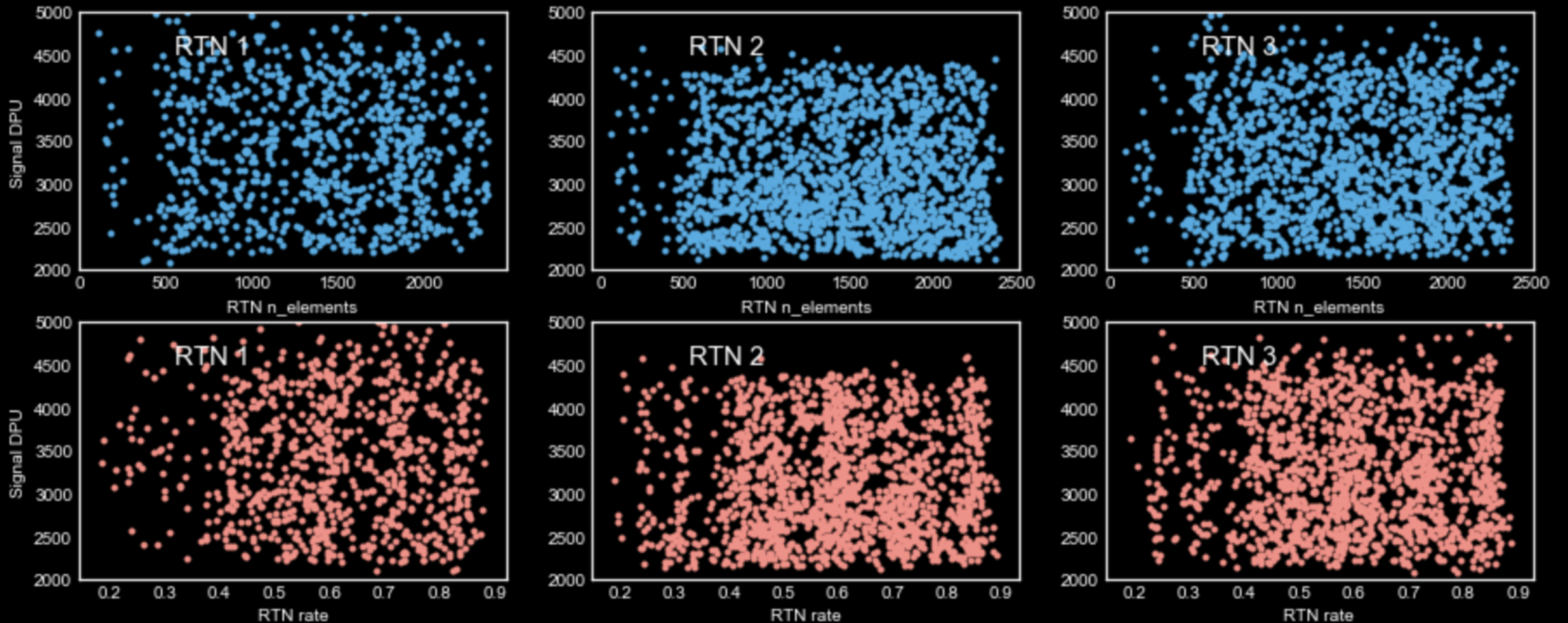
RTN nelements^{1e-1}



MCMC with 3 kinds of RTN and varying NL



Almost no dependence of Signal on nelements and rate of RTN



And no dependence of QF on n_elements and rate of RTN

