Strehl ratio over time (s) for varying reconstructors and atmospheres $D/r_0 = 2$ $D/r_0 = 1$ $D/r_0 = 4$ $D/r_0 = 8$ 1.0 1.0 0.8 0.8 0.8 0.8 0.6 0.6 0.6 0.6 0.40.40.40.40.20.20.2 0.20.0 0.0 0.0 0.0 1.00 0.250.751.00 0.250.00 0.250.500.750.00 0.50 0.75 1.00 0.000.250.500.000.500.75 $D/r_0 = 16$ $D/r_0 = 32$ $D/r_0 = 64$ 1.0 1.0 1.0 -No lantern (NCPA) 0.8 0.8 0.8 -Perfect lantern -Interaction matrix 0.6 0.6 0.6 -Neural network Gerchberg-Saxton 0.4 0.40.40.20.20.20.0 0.0 0.0 0.00 0.250.50 0.751.00 0.00 0.250.500.00 0.250.50 0.751.00