Average Ratio of Correlation Matrix (Bigbox/Tiled),  $R_{\rho}$ , by Survey Noise Level Noiseless HSC DES 1.25 1.20 1.15 **₹** 1.10 1.05 1.00 0.95 LSST Roman 1.25 1.20 1.15 PDF **₹** 1.10 Peaks Minima 1.05 1.00 0.95 Source Redshift Source Redshift 0.5 2.0 1.0 1.0 2.5 0.5 2.0 2.5