## ESO498G05 ratios with HST filters system with a PSF using medfilt\_inout - V1 **F300W** F450W F555W F435W **F475W** wavelength Emitted [nm] 455.62 197.03 125.69 92.28 72.90 wavelength Emitted [nm] wavelength Emitted [nm] wavelength Emitted [nm] wavelength Emitted [nm] 432.31 196.50 127.15 93.98 74.54 298.45 158.12 107.55 81.49 65.59 477.57 203.22 129.07 94.57 74.62 535.57 227.90 144.75 106.05 83.68 F300W/H 1.77 2.66 3.60 3.94 1.35 4.05 4.05 0.89 1.20 2.40 0.00 1.31 2.62 5.25 0.00 2.70 1.35 2.70 5.40 0.00 0.00 Redshift Redshift Redshift Redshift Redshift **F569W F791W F606W** F814W wavelength Emitted [nm] 803.90 342.09 217.27 159.19 125.61 wavelength Emitted [nm] 564.41 240.17 152.54 111.76 88.19 wavelength Emitted [nm] 588.71 250.51 159.11 116.58 91.99 wavelength Emitted [nm] 787.56 335.13 212.85 155.95 123.06 0.17 2.70 2.70 4.05 1.35 2.70 4.05 0.00 1.35 4.05 1.35 2.70 4.05 0.00 1.35 5.40 0.00 5.40 5.40 0.00 Redshift Redshift Redshift Redshift **F300W F435W F450W F475W** F555W wavelength Emitted [nm] 298.45 158.12 107.55 81.49 65.59 432.31 196.50 127.15 93.98 74.54 455.62 197.03 125.69 92.28 72.90 477.57 203.22 129.07 94.57 74.62 535.57 227.90 144.75 106.05 83.68 25.31 25.02 25.06 **H218/MS18** 18.73 12.57 **18.85** 18.85 **18.82** 18.82 19.04 13.11 6.49 6.42 0.22 0.25 0.21 3.60 2.62 4.05 0.89 1.77 2.66 3.55 1.20 2.40 0.00 1.31 3.94 5.25 1.35 2.70 4.05 0.00 1.35 2.70 5.40 0.00 0.00 5.40 0.00 Redshift Redshift Redshift Redshift Redshift **F569W F606W F791W** F814W wavelength Emitted [nm] 564.41 240.17 152.54 111.76 88.19 wavelength Emitted [nm] 588.71 250.51 159.11 116.58 91.99 wavelength Emitted [nm] 787.56 335.13 212.85 155.95 123.06 wavelength Emitted [nm] 803.90 342.09 217.27 159.19 125.61 24.89 7.55 Eff. rad. F569W/HSTF814W 12.58 6.42 1.95 0.29 4.05 2.70 2.70 2.70 4.05 1.35 4.05 1.35 4.05 0.00 1.35 0.00 1.35 2.70 5.40 0.00 5.40 5.40 0.00 Redshift Redshift Redshift Redshift