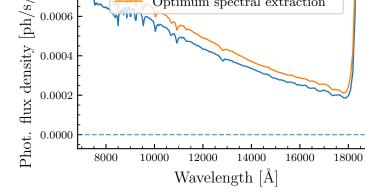
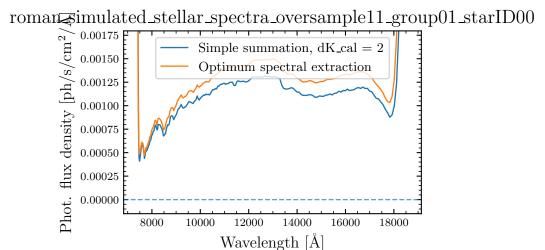


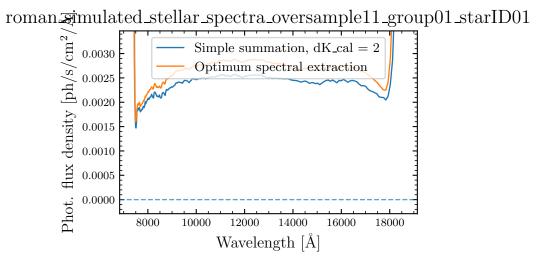
roman_simulated_stellar_spectra_oversample11_group00_starID01 density $[\mathrm{ph/s/cm^2}]$ Simple summation, $dK_{cal} = 2$ Optimum spectral extraction 0.003 0.002 0.001 flux 0.000 Phot. 10000 18000 8000 12000 14000 16000 Wavelength [Å]

roman zimulated_stellar_spectra_oversample11_group00_starID02 0.0008 Simple summation, $dK_{cal} = 2$ Optimum spectral extraction 0.00060.0004 0.0002



roman zimulated_stellar_spectra_oversample11_group00_starID03 $\rm ph/s/cm^2$ 0.0012 Simple summation, $dK_{cal} = 2$ Optimum spectral extraction 0.0010 0.0008 density 0.0006 0.0004 0.0002 0.0000 10000 8000 12000 14000 16000 18000 Wavelength [Å]

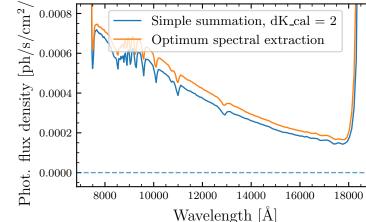


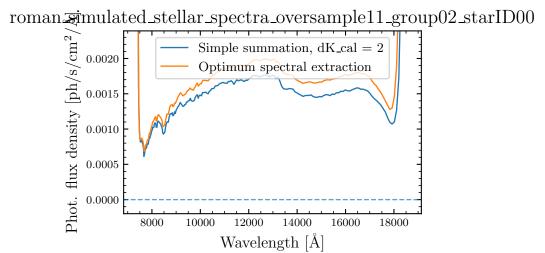


roman zimulated_stellar_spectra_oversample11_group01_starID02 $ph/s/cm^2$ 0.0012 Simple summation, $dK_{cal} = 2$ Optimum spectral extraction 0.0010 0.0008 density 0.0006 0.0004 0.00020.0000 10000 8000 12000 14000 16000 18000

Wavelength [Å]

roman simulated_stellar_spectra_oversample11_group01_starID03

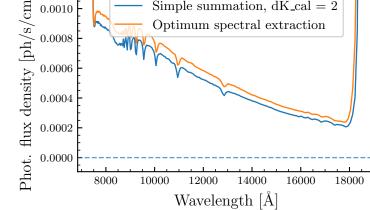




roman_simulated_stellar_spectra_oversample11_group02_starID01 flux density $[ph/s/cm^2]$ 0.004Simple summation, $dK_{cal} = 2$ Optimum spectral extraction 0.003 0.002 0.001 0.000 Phot. 10000 8000 12000 14000 16000 18000

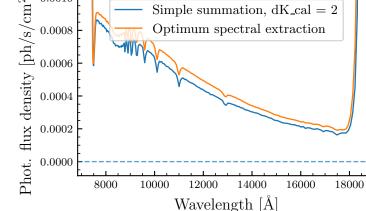
Wavelength [Å]

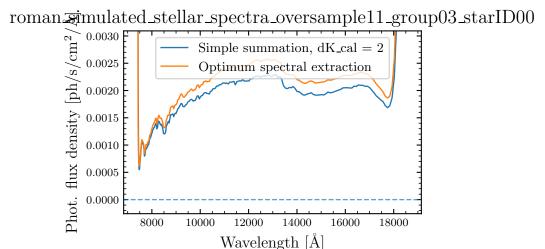
roman zimulated_stellar_spectra_oversample11_group02_starID02 Simple summation, $dK_{cal} = 2$ 0.0010 Optimum spectral extraction 0.0008 0.0006



roman simulated_stellar_spectra_oversample11_group02_starID03

Simple summation, dK_cal = 2
Optimum spectral extraction





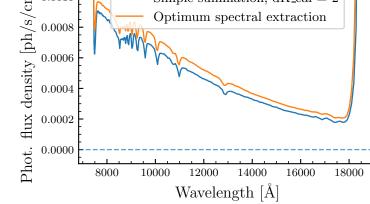
roman_simulated_stellar_spectra_oversample11_group03_starID01 $[\mathrm{ph/s/cm}^2]$ Simple summation, $dK_{cal} = 2$ 0.004 Optimum spectral extraction 0.003 flux density 0.002 0.001 0.000 Phot. 10000 8000 12000 14000 16000 18000 Wavelength [Å]

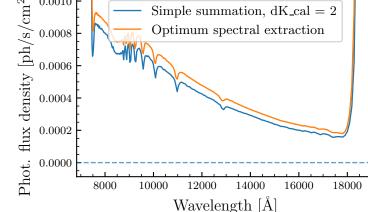
roman simulated_stellar_spectra_oversample11_group03_starID02

Simple summation, dK_cal = 2

Optimum spectral extraction

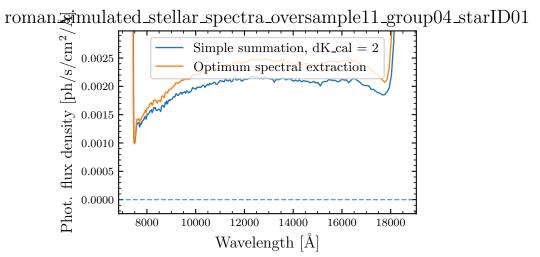
Optimum spectral extraction



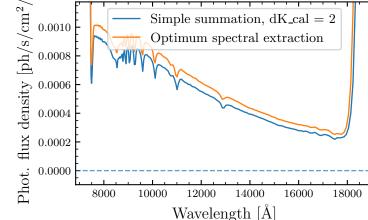


romansimulated_stellar_spectra_oversample11_group04_starID00 0.00175density $[ph/s/cm^2]$ Simple summation, $dK_{cal} = 2$ 0.00150Optimum spectral extraction 0.001250.00100 0.00075 0.00050 0.00025 0.00000 10000 8000 12000 14000 16000 18000

Wavelength [Å]



roman simulated_stellar_spectra_oversample11_group04_starID02



roman zimulated_stellar_spectra_oversample11_group04_starID03 Simple summation, $dK_{cal} = 2$ 0.0010 Optimum spectral extraction 0.0008 0.00060.0004 0.0002 0.000010000 18000 8000 12000 14000 16000 Wavelength [Å]