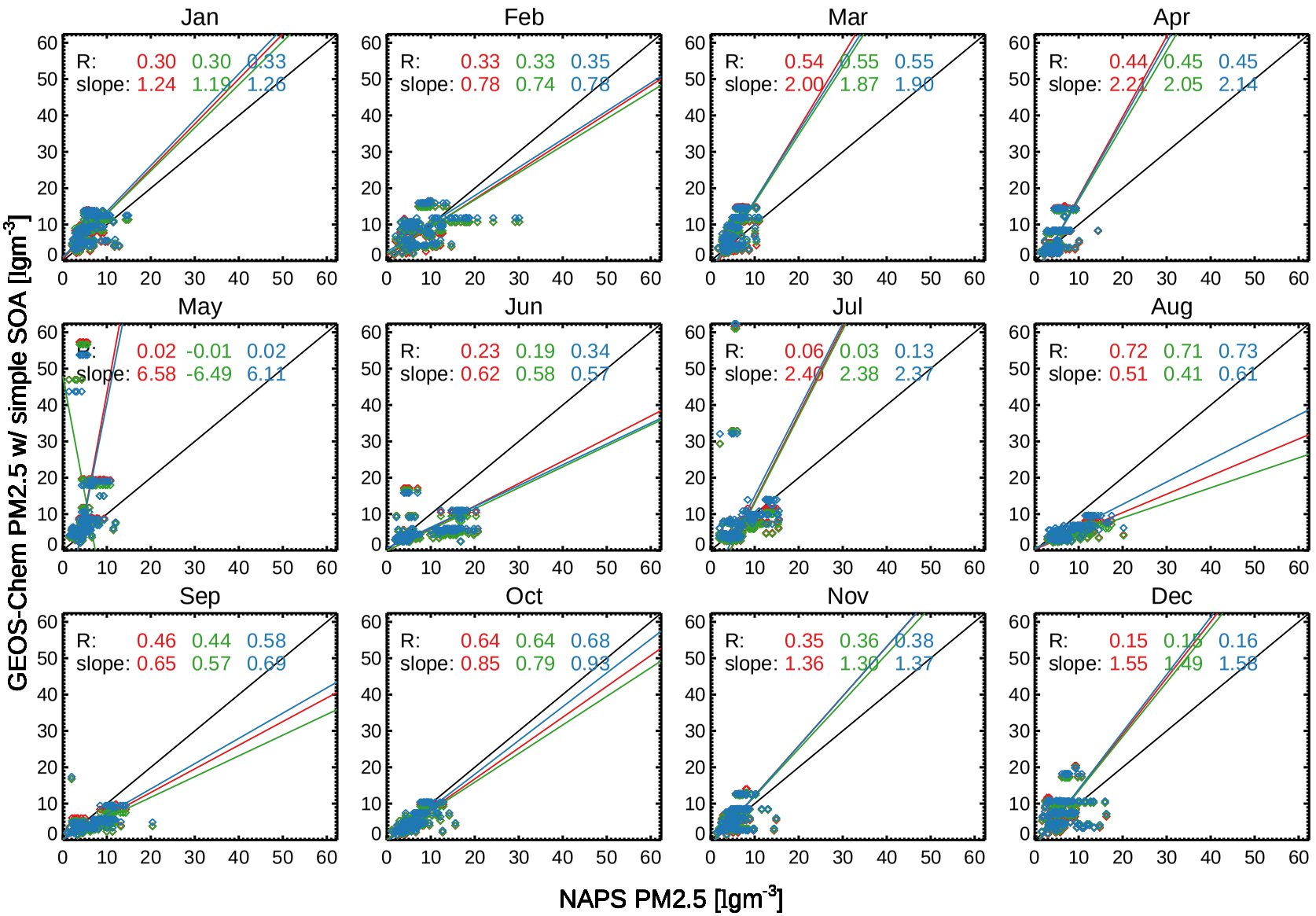
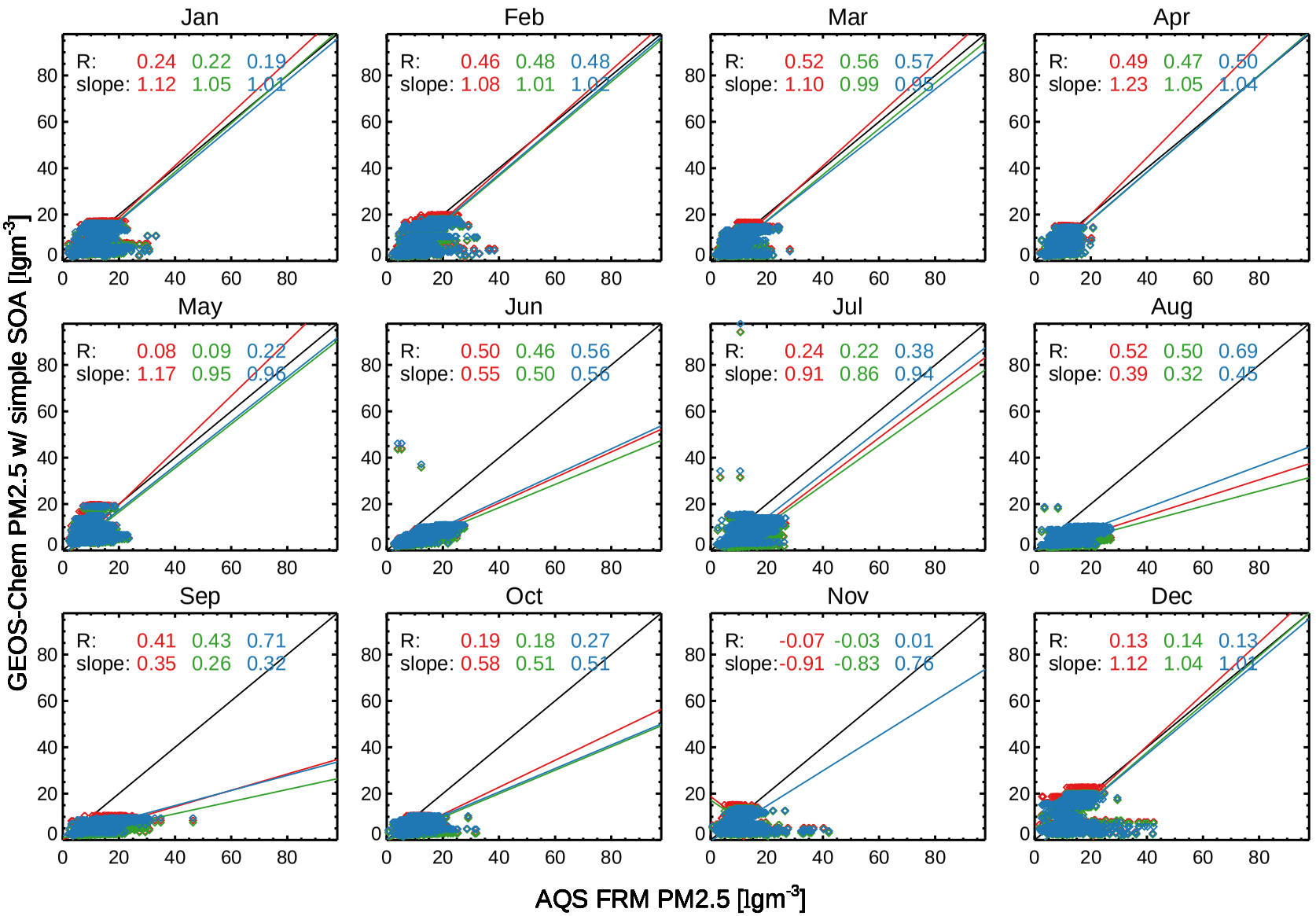
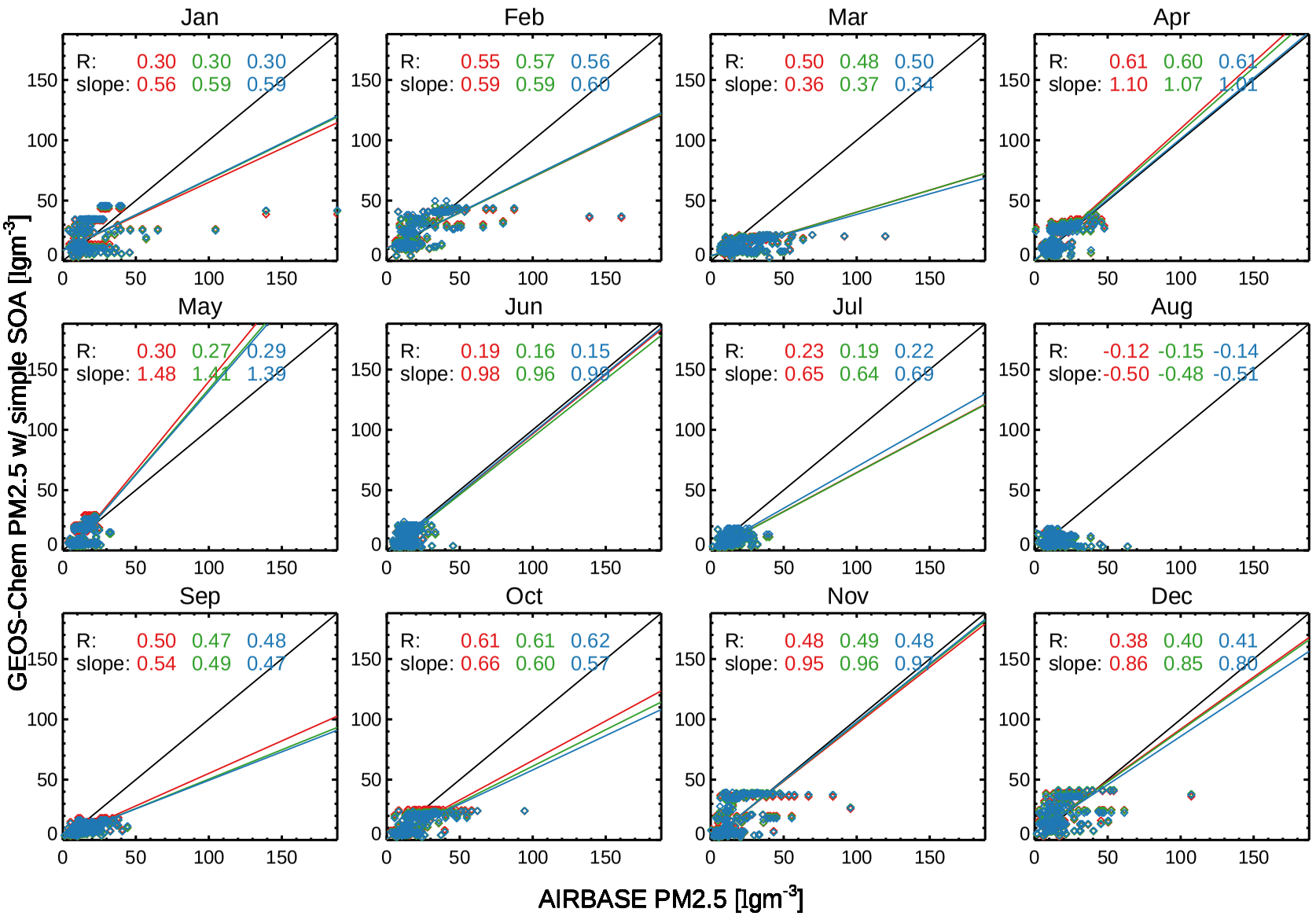
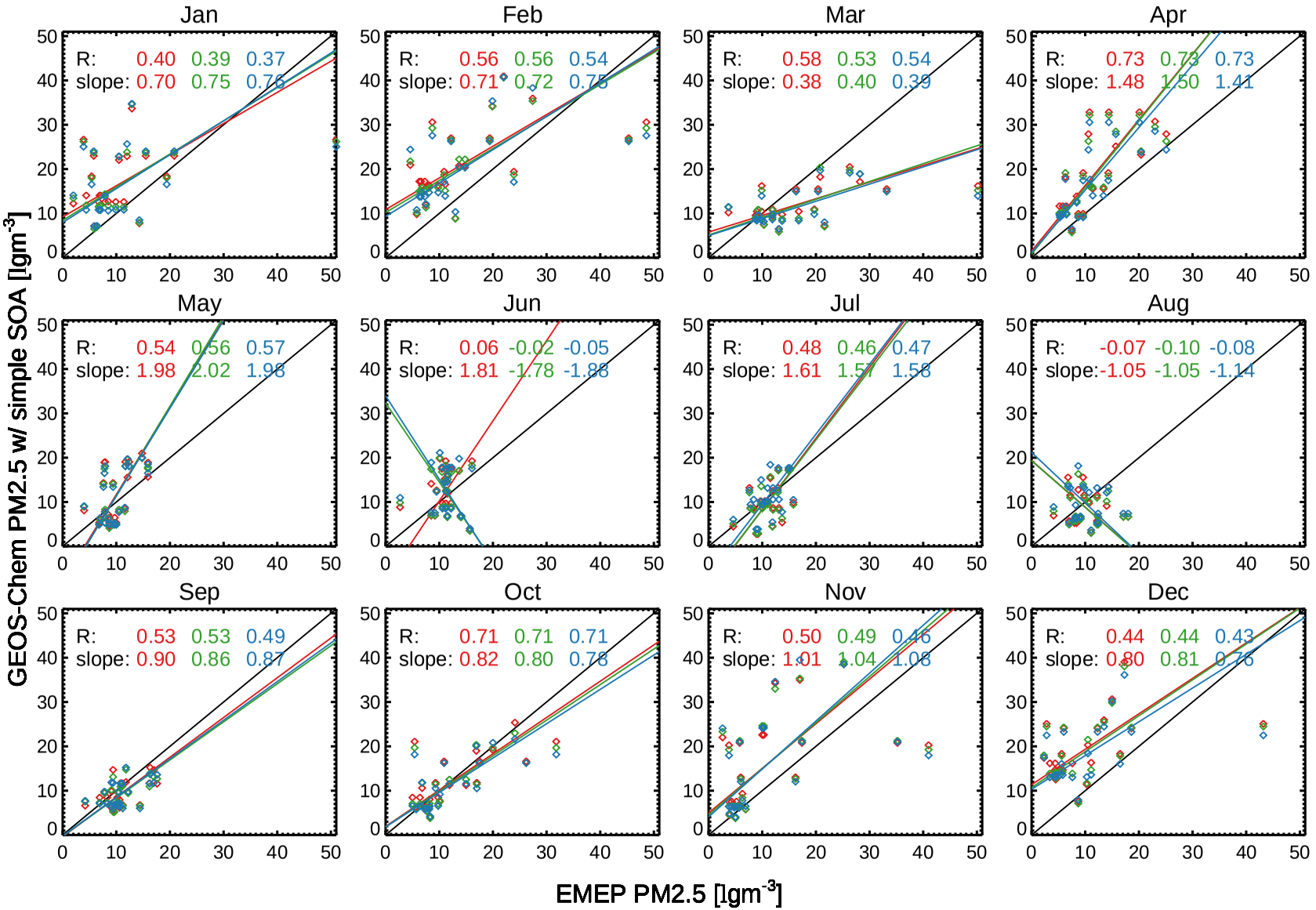

Red: GCC_13.0.0 (2019); Green: GCC_13.2.0 (2019); Blue: GCC_13.3.0 (2019)
Jan
R: 0.30 0.30 0.33
slope: 1.24 1.19 1.26
Feb
R: 0.33 0.33 0.35
slope: 0.78 0.74 0.78
Mar
R: 0.54 0.55 0.55
slope: 2.00 1.87 1.90
Apr
R: 0.44 0.45 0.45
slope: 2.21 2.05 2.14
May
R: 0.02 -0.01 0.02
slope: 6.58 -6.49 6.11
Jun
R: 0.23 0.19 0.34
slope: 0.62 0.58 0.57
Jul
R: 0.06 0.03 0.13
slope: 2.40 2.38 2.37
Aug
R: 0.72 0.71 0.73
slope: 0.51 0.41 0.61
Sep
R: 0.46 0.44 0.58
slope: 0.65 0.57 0.69
Oct
R: 0.64 0.64 0.68
slope: 0.85 0.79 0.93
Nov
R: 0.35 0.36 0.38
slope: 1.36 1.30 1.37
Dec
R: 0.15 0.15 0.16
slope: 1.55 1.49 1.58
GEOS-Chem PM2.5 w/ simple SOA [μgm-3]
NAPS PM2.5 [μgm-3]


Red: GCC_13.0.0 (2019); Green: GCC_13.2.0 (2019); Blue: GCC_13.3.0 (2019)
Jan
R: 0.24 0.22 0.19
slope: 1.12 1.05 1.01
Feb
R: 0.46 0.48 0.48
slope: 1.08 1.01 1.02
Mar
R: 0.52 0.56 0.57
slope: 1.10 0.99 0.95
Apr
R: 0.49 0.47 0.50
slope: 1.23 1.05 1.04
May
R: 0.08 0.09 0.22
slope: 1.17 0.95 0.96
Jun
R: 0.50 0.46 0.56
slope: 0.55 0.50 0.56
Jul
R: 0.24 0.22 0.38
slope: 0.91 0.86 0.94
Aug
R: 0.52 0.50 0.69
slope: 0.39 0.32 0.45
Sep
R: 0.41 0.43 0.71
slope: 0.35 0.26 0.32
Oct
R: 0.19 0.18 0.27
slope: 0.58 0.51 0.51
Nov
R: -0.07 -0.03 0.01
slope: -0.91 -0.83 0.76
Dec
R: 0.13 0.14 0.13
slope: 1.12 1.04 1.01
GEOS-Chem PM2.5 w/ simple SOA [μgm-3]
AQS FRM PM2.5 [μgm-3]


Red: GCC_13.0.0 (2019); Green: GCC_13.2.0 (2019); Blue: GCC_13.3.0 (2019)
Jan
R: 0.30 0.30 0.30
slope: 0.56 0.59 0.59
Feb
R: 0.55 0.57 0.56
slope: 0.59 0.59 0.60
Mar
R: 0.50 0.48 0.50
slope: 0.36 0.37 0.34
Apr
R: 0.61 0.60 0.61
slope: 1.10 1.07 1.01
May
R: 0.30 0.27 0.29
slope: 1.48 1.41 1.39
Jun
R: 0.19 0.16 0.15
slope: 0.98 0.96 0.98
Jul
R: 0.23 0.19 0.22
slope: 0.65 0.64 0.69
Aug
R: -0.12 -0.15 -0.14
slope: -0.50 -0.48 -0.51
Sep
R: 0.50 0.47 0.48
slope: 0.54 0.49 0.47
Oct
R: 0.61 0.61 0.62
slope: 0.66 0.60 0.57
Nov
R: 0.48 0.49 0.48
slope: 0.95 0.96 0.97
Dec
R: 0.38 0.40 0.41
slope: 0.86 0.85 0.80
GEOS-Chem PM2.5 w/ simple SOA [lgm-3]
AIRBASE PM2.5 [lgm-3]

Red: GCC_13.0.0 (2019); Green: GCC_13.2.0 (2019); Blue: GCC_13.3.0 (2019)



ryantosca output/Aerosol.scatter.PM25_simpleSOA.geos.GCC_13.3.0.ps, 11/05/2021 12:32