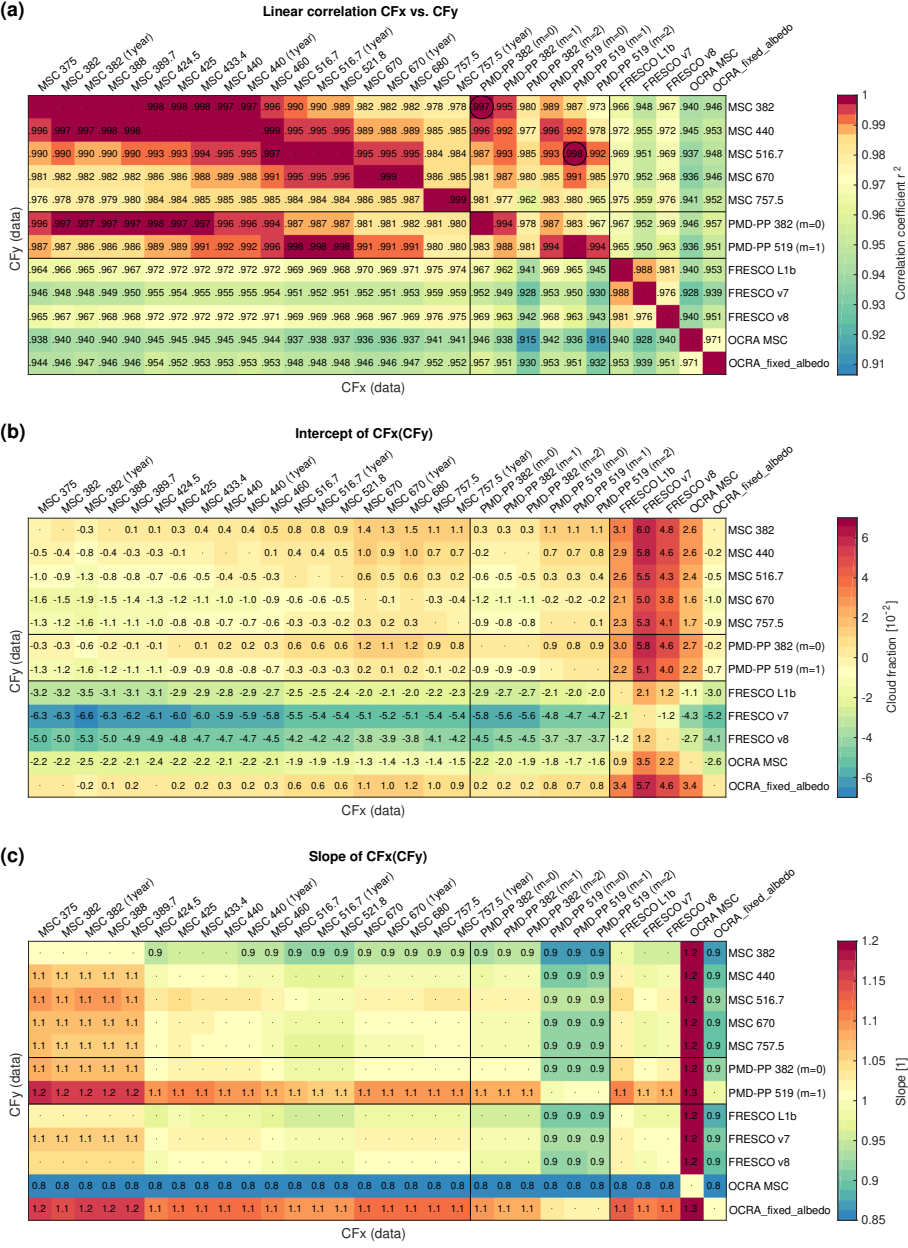
(a)
Linear correlation CFx vs. CFy
MSC 375
MSC 382
MSC 382 (1 year)
MSC 388
MSC 389.7
MSC 424.5
MSC 425
MSC 433.4
MSC 440
MSC 440 (1 year)
MSC 460
MSC 516.7
MSC 516.7 (1 year)
MSC 521.8
MSC 670
MSC 670 (1 year)
MSC 680
MSC 757.5
MSC 757.5 (1 year)
PMD-PP 382 (m=0)
PMD-PP 382 (m=1)
PMD-PP 382 (m=2)
PMD-PP 519 (m=0)
PMD-PP 519 (m=1)
PMD-PP 519 (m=2)
FRESCO L1b
FRESCO v7
FRESCO v8
OCRA MSC
OCRA_fixed_albedo
MSC 382
MSC 440
MSC 516.7
MSC 670
MSC 757.5
PMD-PP 382 (m=0)
PMD-PP 519 (m=1)
FRESCO L1b
FRESCO v7
FRESCO v8
OCRA MSC
OCRA_fixed_albedo
CFy (data)
CFx (data)
Correlation coefficient r²
1
0.99
0.98
0.97
0.96
0.95
0.94
0.93
0.92
0.91
(b)
Intercept of CFx(CFy)
MSC 382
MSC 440
MSC 516.7
MSC 670
MSC 757.5
PMD-PP 382 (m=0)
PMD-PP 519 (m=1)
FRESCO L1b
FRESCO v7
FRESCO v8
OCRA MSC
OCRA_fixed_albedo
CFy (data)
CFx (data)
Cloud fraction [10⁻²]
6
4
2
0
-2
-4
-6
(c)
Slope of CFx(CFy)
MSC 382
MSC 440
MSC 516.7
MSC 670
MSC 757.5
PMD-PP 382 (m=0)
PMD-PP 519 (m=1)
FRESCO L1b
FRESCO v7
FRESCO v8
OCRA MSC
OCRA_fixed_albedo
CFy (data)
CFx (data)
Slope [1]
1.2
1.15
1.1
1.05
1
0.95
0.9
0.85