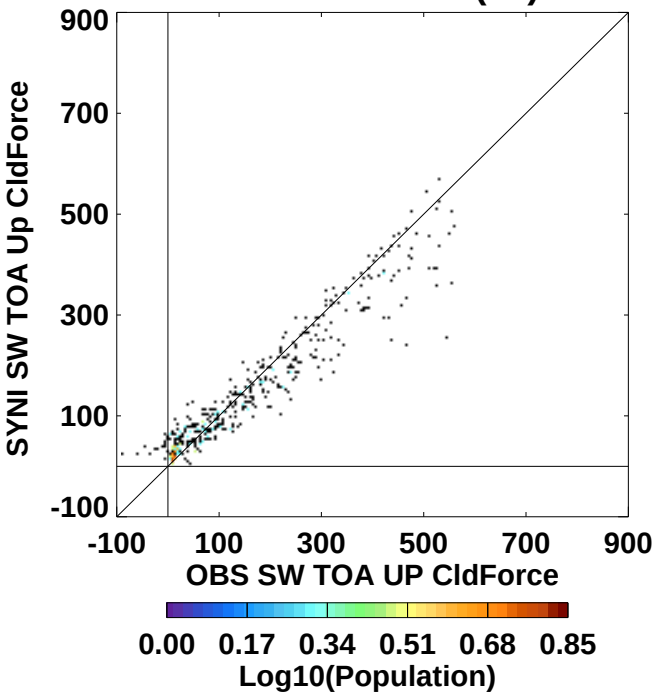
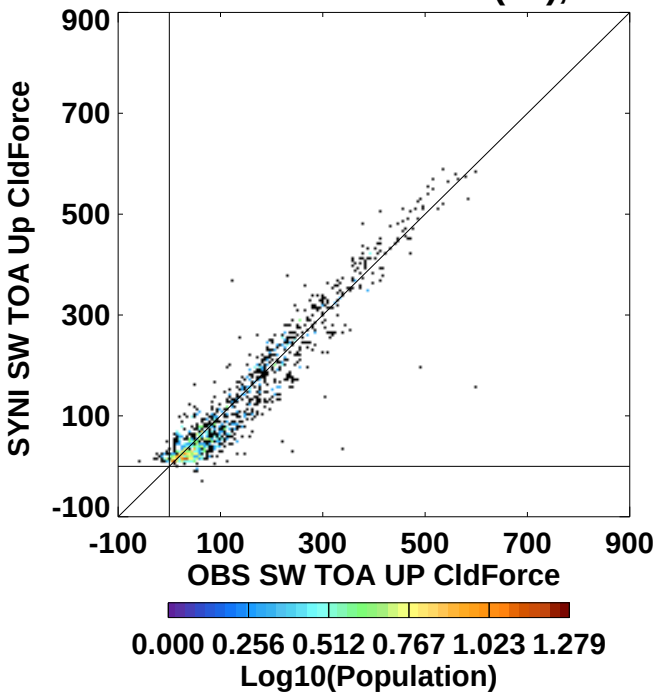
SYNI Beta3 Year 2002: Spatial Subset (aka STS) AllSky PAY

CldFor UT TOA SW UP(Hr)CERES



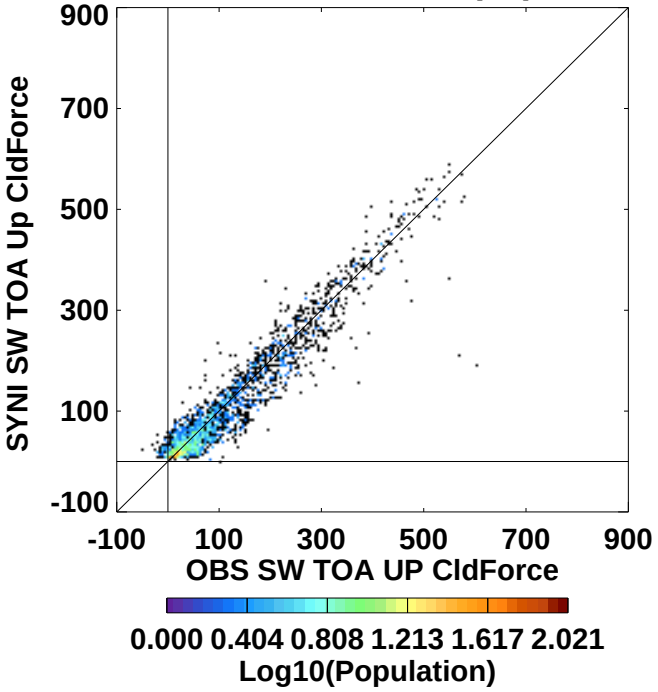
N= 466.	Mean	(StdDev)
OBS SW TOA UP CldForce	150.4(	151.0)
SYNI SW TOA Up CldForce	141.3(	127.9)
Y-X	-9.17(	45.63)
RMS(	46.49).....	

CldFor UT TOA SW UP(Hr),GEO



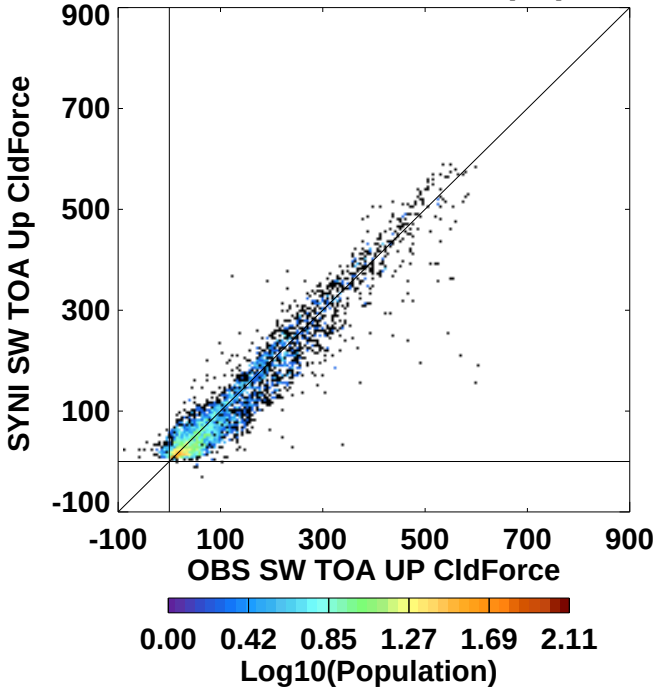
N= 1317.	Mean	(StdDev)
OBS SW TOA UP CldForce	121.9(	121.2)
SYNI SW TOA Up CldForce	115.1(	126.0)
Y-X	-6.80(	38.17)
RMS(	38.76).....	

CldFor UT TOA SW UP(Hr)INTERP



N= 2525.	Mean	(StdDev)
OBS SW TOA UP CldForce	107.5(	116.3)
SYNI SW TOA Up CldForce	103.0(	115.0)
Y-X	-4.52(	33.59)
RMS(	33.89).....	

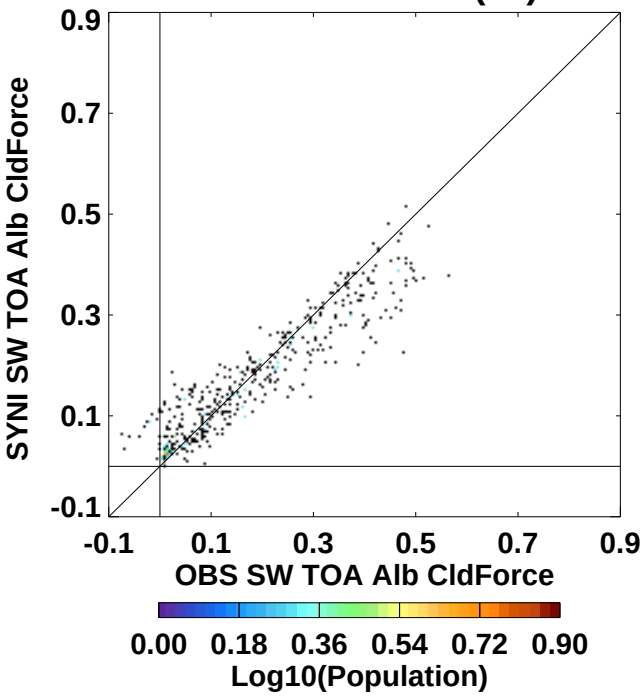
CldFor UT TOA SW UP(Hr)ALL



N= 4308.	Mean	(StdDev)
OBS SW TOA UP CldForce	116.5(	122.7)
SYNI SW TOA Up CldForce	110.8(	120.5)
Y-X	-5.72(	36.52)
RMS(	36.96).....	

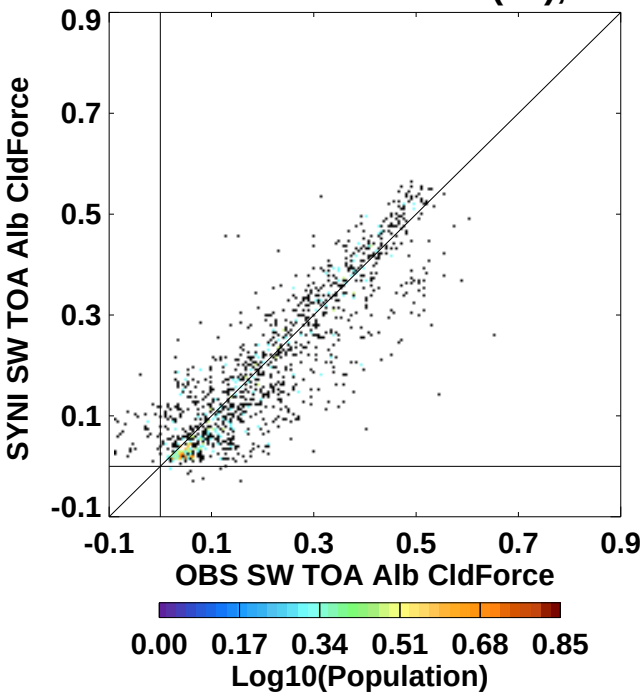
SYNI Beta3 Year 2002: Spatial Subset (aka STS) AllSky PAY

CldFor UT TOA SWALB(Hr)CERES



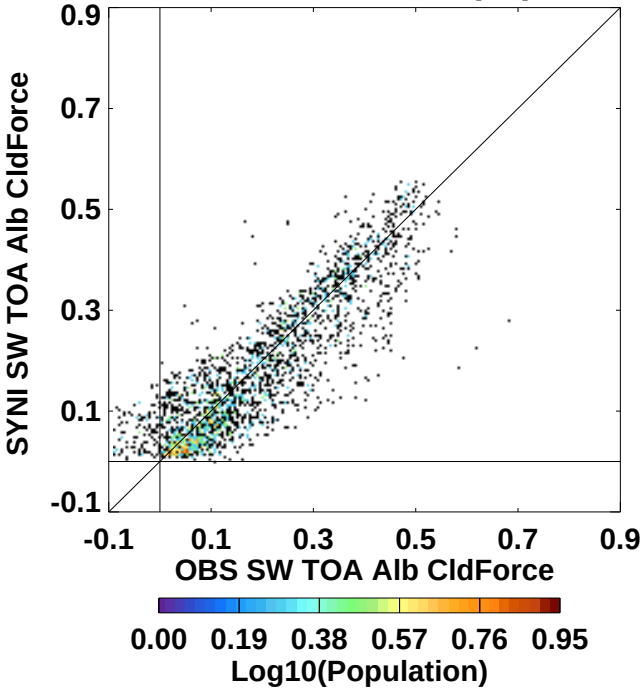
N= 464.	Mean	(StdDev)
OBS SW TOA Alb CldForce	0.167(	0.150)
SYNI SW TOA Alb CldForce	0.160(	0.121)
Y-X	-0.007(	0.057)
RMS(	0.057).....	

CldFor UT TOA SWALB(Hr),GEO



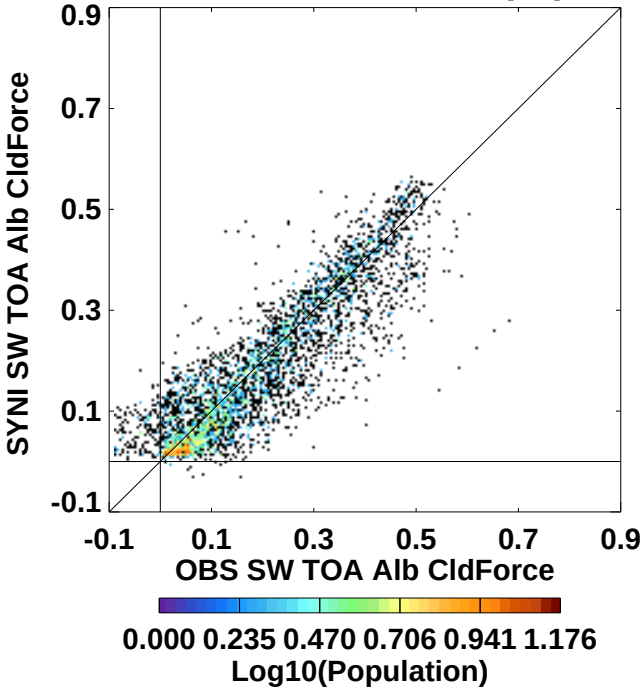
N= 1298.	Mean	(StdDev)
OBS SW TOA Alb CldForce	0.202(	0.151)
SYNI SW TOA Alb CldForce	0.191(	0.151)
Y-X	-0.011(	0.075)
RMS(	0.076).....	

CldFor UT TOA SWALB(Hr)INTERP



N= 2504.	Mean	(StdDev)
OBS SW TOA Alb CldForce	0.184(	0.146)
SYNI SW TOA Alb CldForce	0.177(	0.138)
Y-X	-0.007(	0.069)
RMS(	0.070).....	

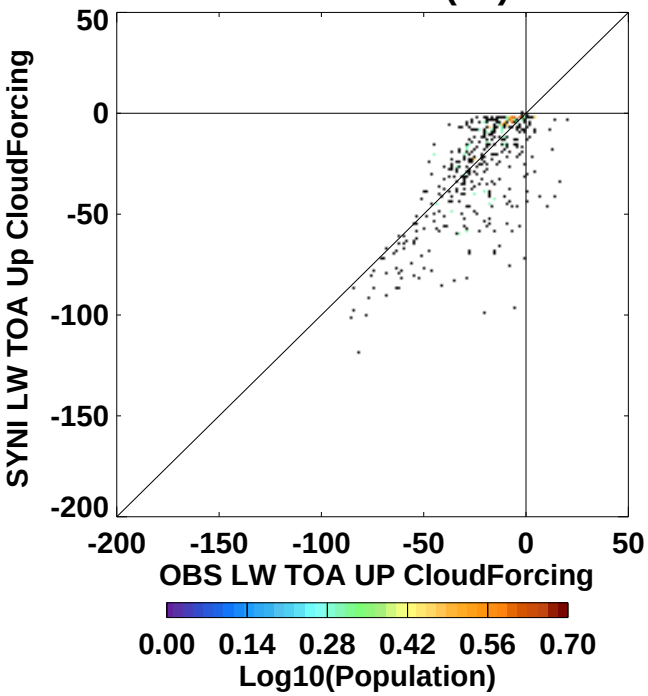
CldFor UT TOA SWALB(Hr)ALL



N= 4266.	Mean	(StdDev)
OBS SW TOA Alb CldForce	0.187(	0.149)
SYNI SW TOA Alb CldForce	0.179(	0.141)
Y-X	-0.008(	0.070)
RMS(	0.070).....	

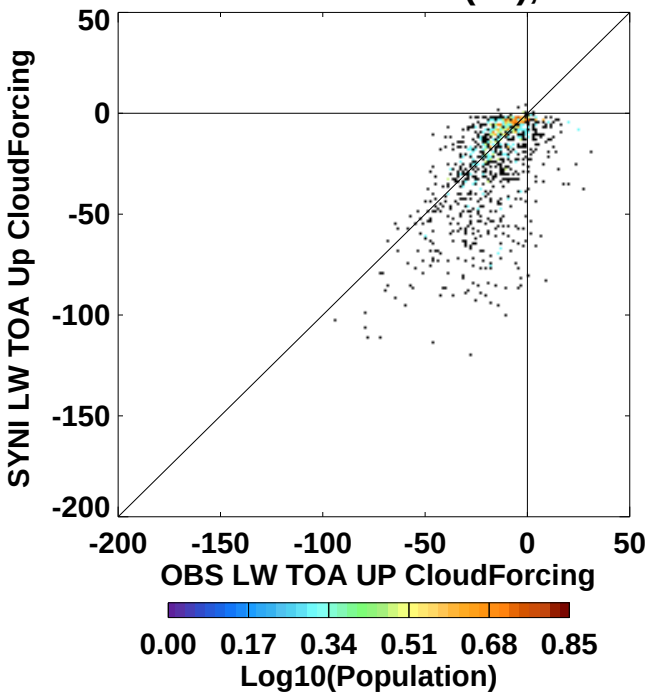
SYNI Beta3 Year 2002: Spatial Subset (aka STS) AllSky PAY

CldForced TOA LW(Hr)CERES



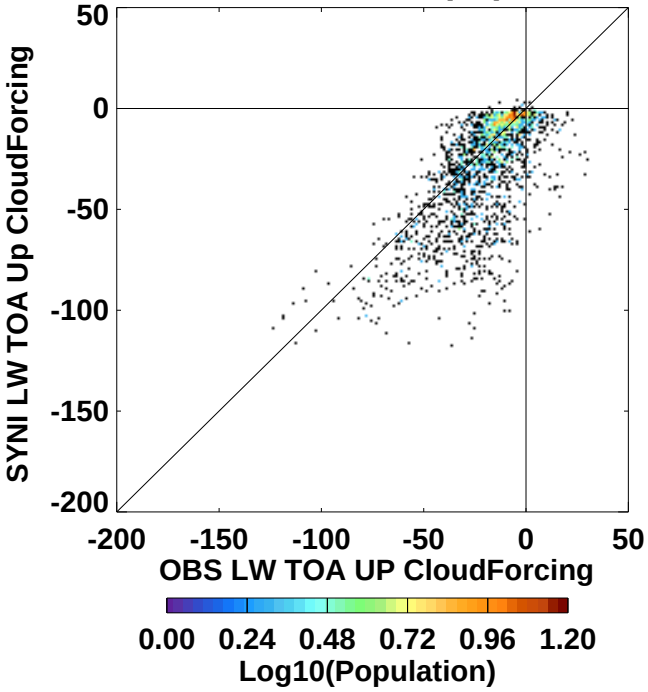
N= 417.	Mean	(StdDev)
OBS LW TOA UP CloudForcing	-21.73	(19.36)
SYNI LW TOA Up CloudForcing	-26.95	(25.27)
Y-X	-5.22	(18.02)
RMS(	18.74).....	

CldForced TOA LW(Hr),GEO



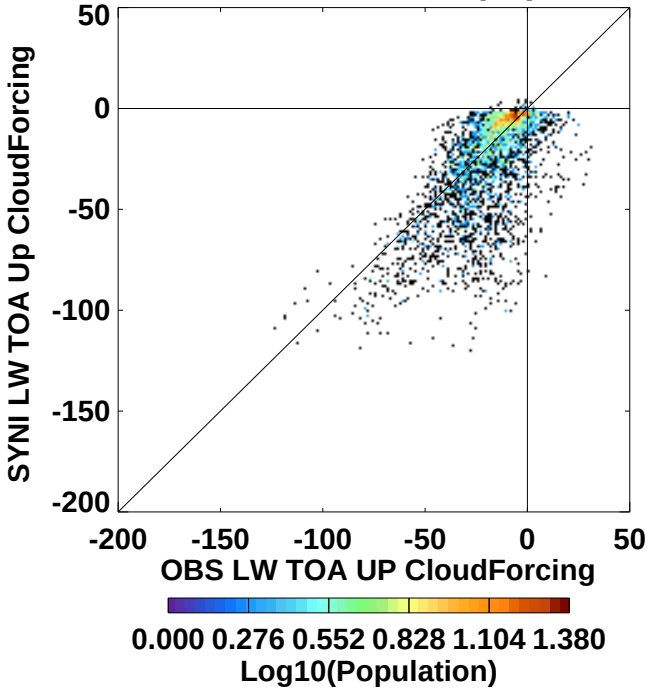
N= 1001.	Mean	(StdDev)
OBS LW TOA UP CloudForcing	-15.05	(15.94)
SYNI LW TOA Up CloudForcing	-23.90	(23.92)
Y-X	-8.85	(19.91)
RMS(	21.78).....	

CldForced TOA LW(Hr)INTERP



N= 2148.	Mean	(StdDev)
OBS LW TOA UP CloudForcing	-19.01	(18.85)
SYNI LW TOA Up CloudForcing	-27.53	(25.86)
Y-X	-8.52	(18.99)
RMS(	20.80).....	

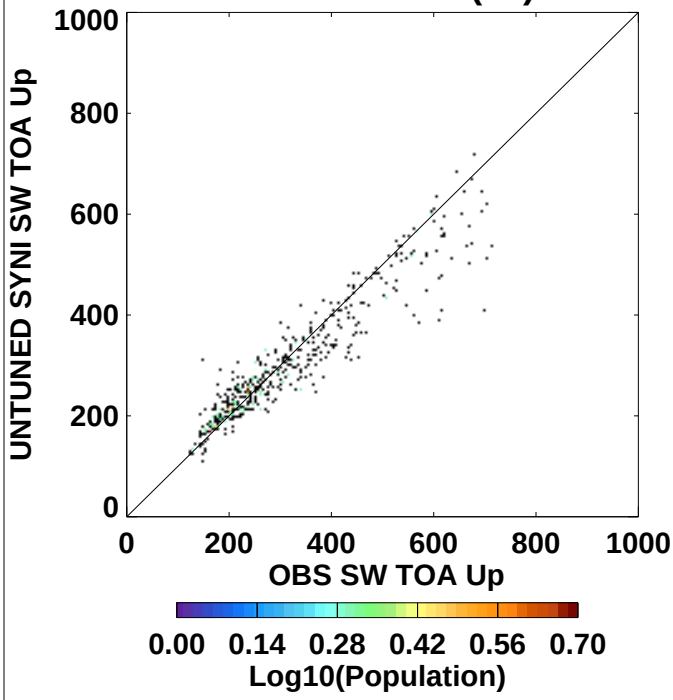
CldForced TOA LW(Hr)ALL



N= 3566.	Mean	(StdDev)
OBS LW TOA UP CloudForcing	-18.22	(18.26)
SYNI LW TOA Up CloudForcing	-26.44	(25.30)
Y-X	-8.23	(19.17)
RMS(	20.86).....	

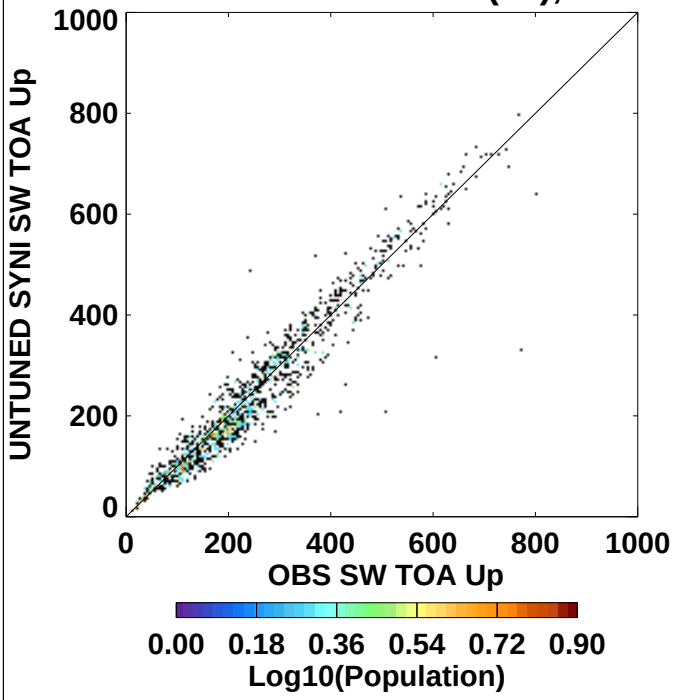
SYNI Beta3 Year 2002: Spatial Subset (aka STS) AllSky PAY

Untuned TOA SW UP(Hr)CERES



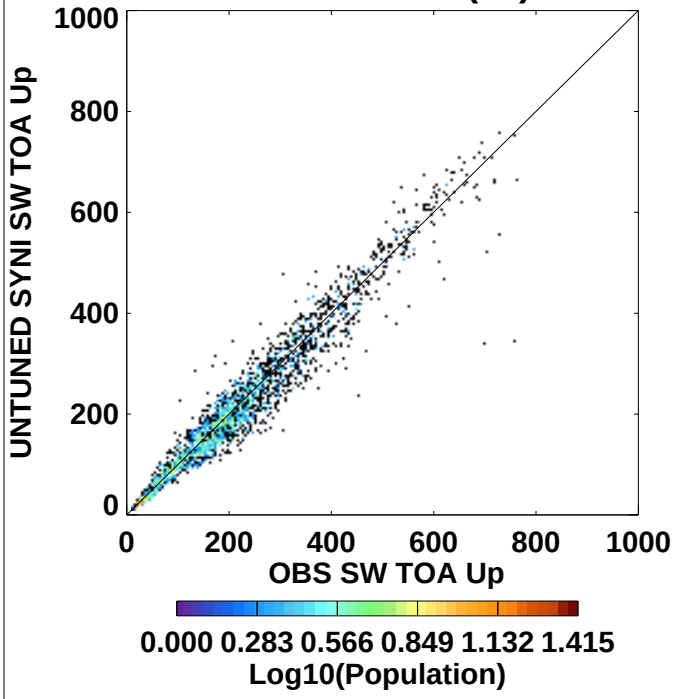
N= 477.	Mean	(StdDev)
OBS SW TOA Up	311.6(	143.0)
UNTUNED SYNI SW TOA Up	300.8(	121.1)
Y-X	-10.85(	48.56)
RMS(	49.71).....	

Untuned TOA SW UP(Hr),GEO



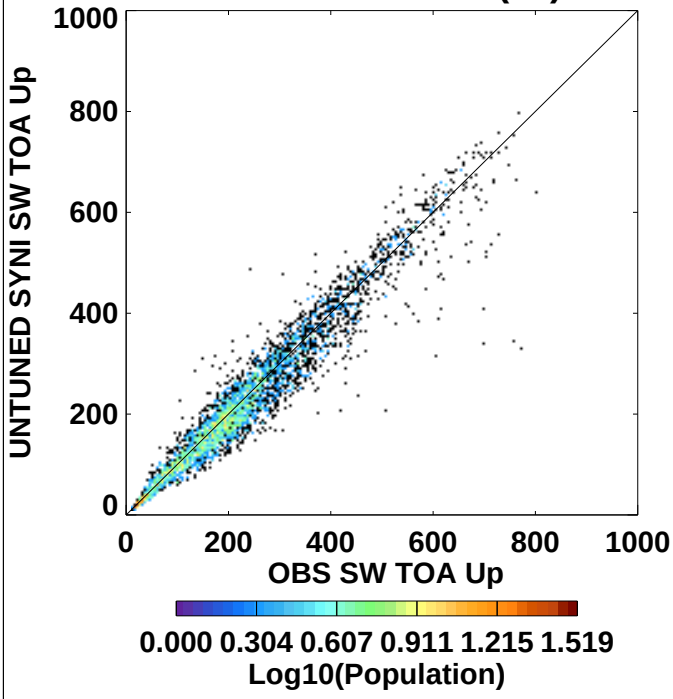
N= 1344.	Mean	(StdDev)
OBS SW TOA Up	232.5(	143.2)
UNTUNED SYNI SW TOA Up	225.6(	147.1)
Y-X	-6.89(	38.26)
RMS(	38.86).....	

Untuned TOA SW UP(Hr)INTERP



N= 2574.	Mean	(StdDev)
OBS SW TOA Up	215.9(	143.3)
UNTUNED SYNI SW TOA Up	211.4(	143.1)
Y-X	-4.49(	34.07)
RMS(	34.36).....	

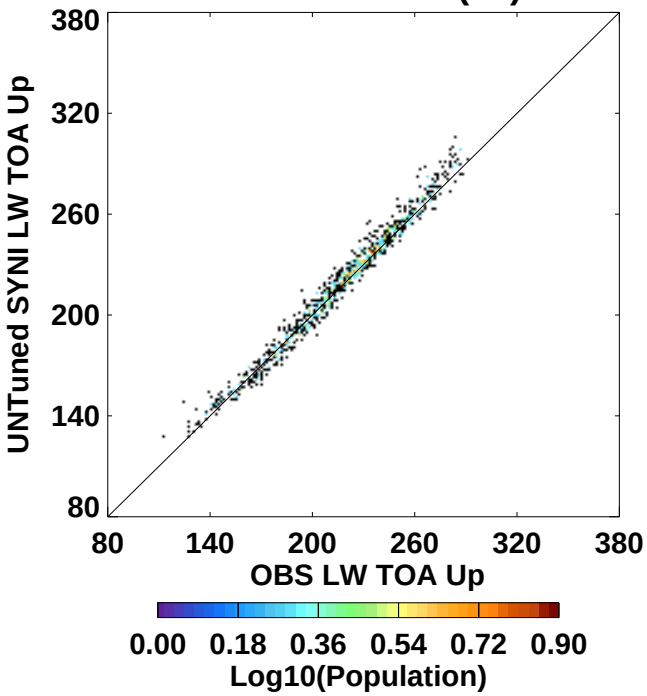
Untuned TOA SW UP(Hr)ALL



N= 4395.	Mean	(StdDev)
OBS SW TOA Up	231.3(	146.1)
UNTUNED SYNI SW TOA Up	225.4(	144.7)
Y-X	-5.92(	37.24)
RMS(	37.70).....	

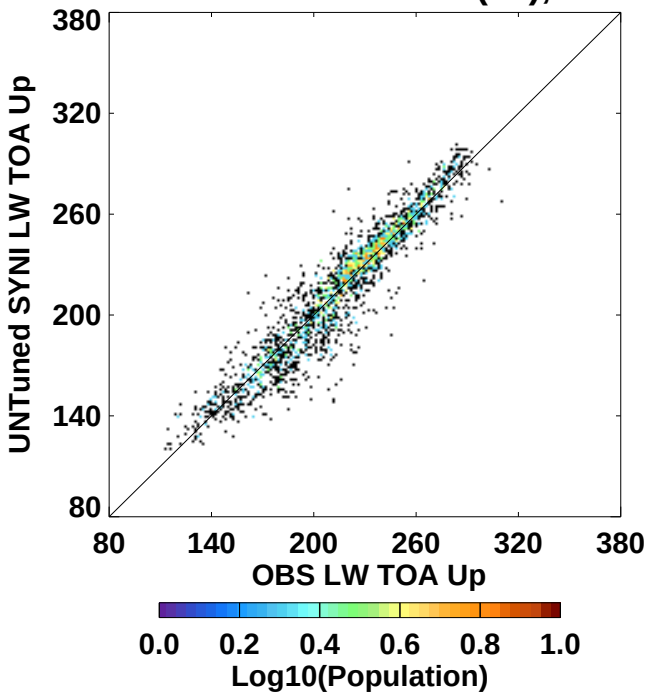
SYNI Beta3 Year 2002: Spatial Subset (aka STS) AllSky PAY

UNTuned TOA LW UP(Hr)CERES



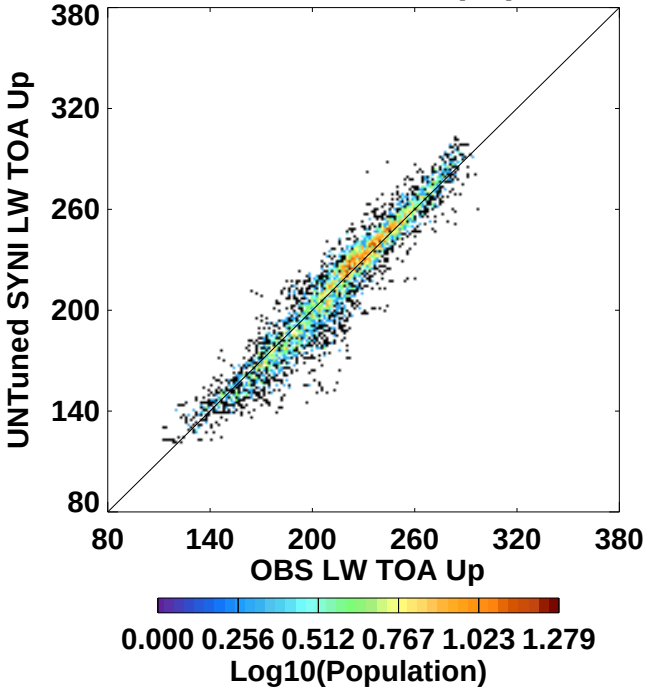
N= 946.	Mean	(StdDev)
OBS LW TOA Up	216.8	(35.62)
UNTuned SYNI LW TOA Up	218.6	(37.11)
Y-X	1.87	(5.37)
RMS(	5.69).....	

UNTuned TOA LW UP(Hr),GEO



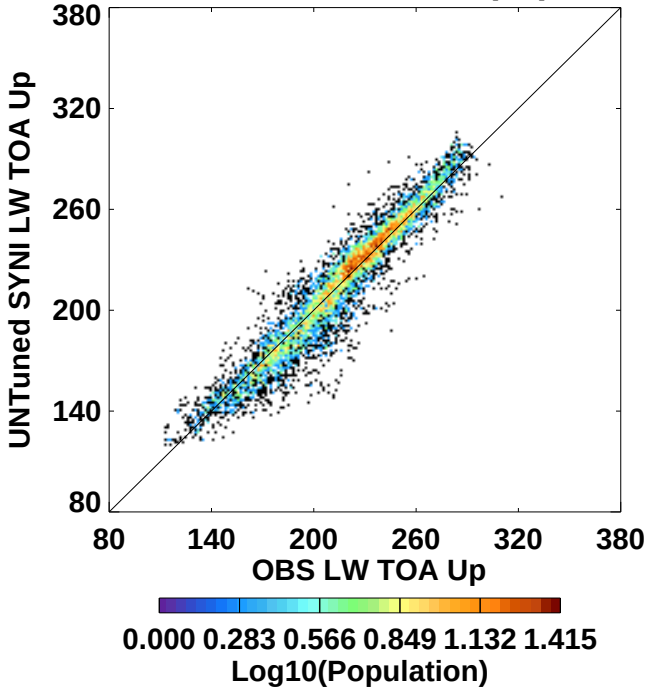
N= 2452.	Mean	(StdDev)
OBS LW TOA Up	216.2	(36.64)
UNTuned SYNI LW TOA Up	216.1	(39.04)
Y-X	-0.104	(12.15)
RMS(	12.14).....	

UNTuned TOA LW UP(Hr)INTERP



N= 5355.	Mean	(StdDev)
OBS LW TOA Up	215.5	(34.52)
UNTuned SYNI LW TOA Up	215.3	(37.22)
Y-X	-0.123	(10.26)
RMS(	10.26).....	

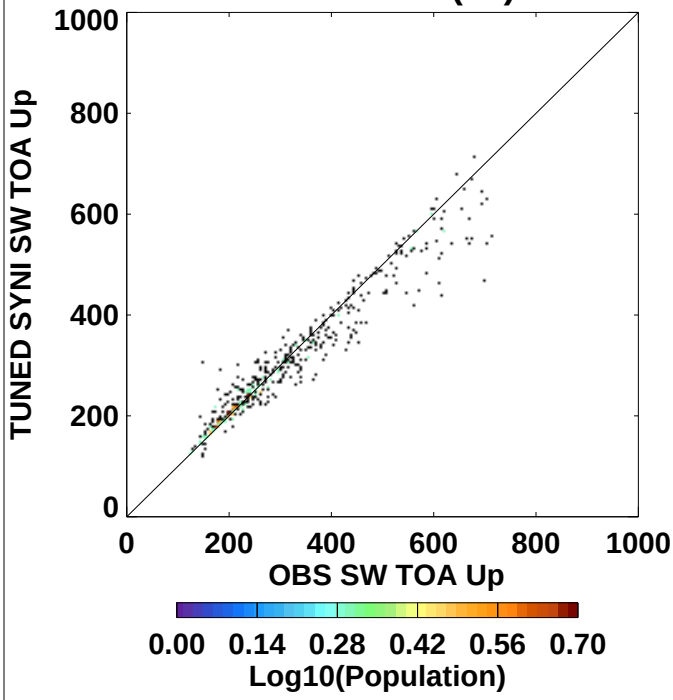
UNTuned TOA LW UP(Hr)ALL



N= 8753.	Mean	(StdDev)
OBS LW TOA Up	215.8	(35.25)
UNTuned SYNI LW TOA Up	215.9	(37.73)
Y-X	0.098	(10.45)
RMS(	10.45).....	

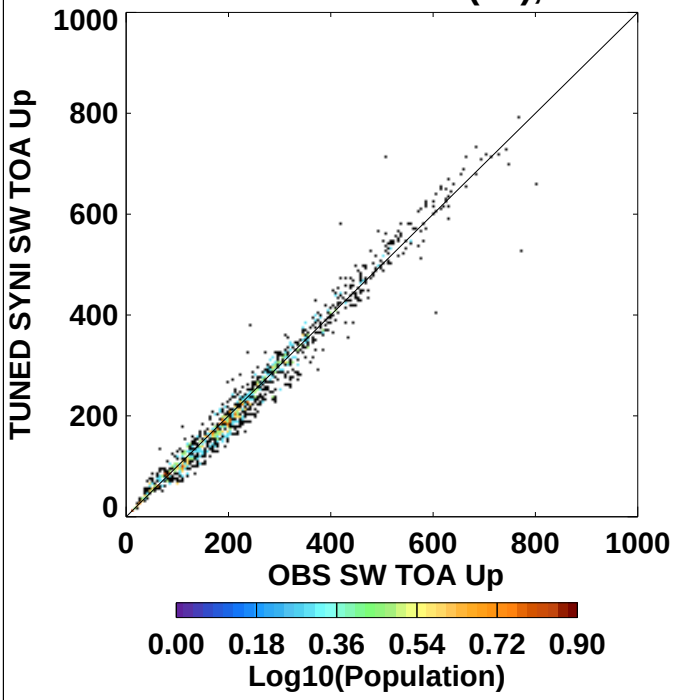
SYNI Beta3 Year 2002: Spatial Subset (aka STS) AllSky PAY

Tuned TOA SW UP(Hr)CERES



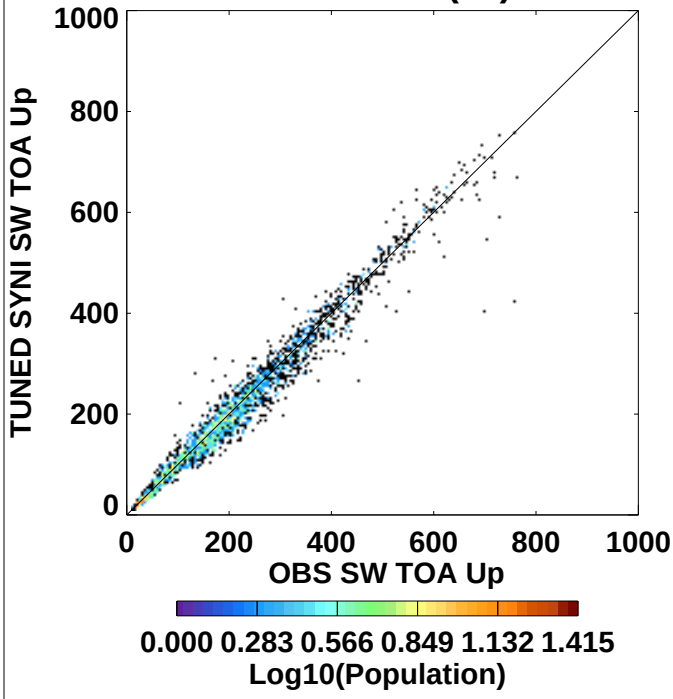
N= 477.	Mean	(StdDev)
OBS SW TOA Up	311.6	(143.0)
TUNED SYNI SW TOA Up	302.9	(125.4)
Y-X	-8.69	(37.54)
RMS(	38.50).....	

Tuned TOA SW UP(Hr),GEO



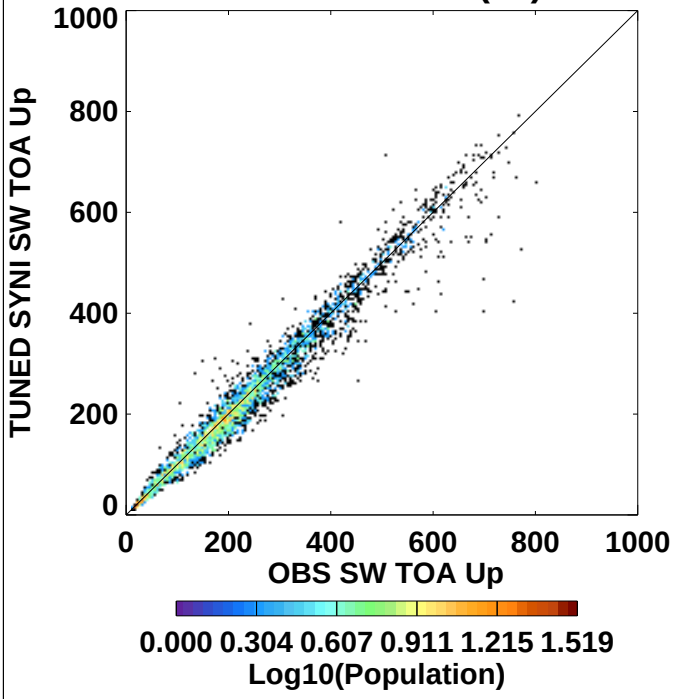
N= 1344.	Mean	(StdDev)
OBS SW TOA Up	232.5	(143.2)
TUNED SYNI SW TOA Up	229.1	(146.3)
Y-X	-3.35	(24.48)
RMS(	24.70).....	

Tuned TOA SW UP(Hr)INTERP



N= 2574.	Mean	(StdDev)
OBS SW TOA Up	215.9	(143.3)
TUNED SYNI SW TOA Up	212.0	(142.0)
Y-X	-3.85	(26.34)
RMS(	26.62).....	

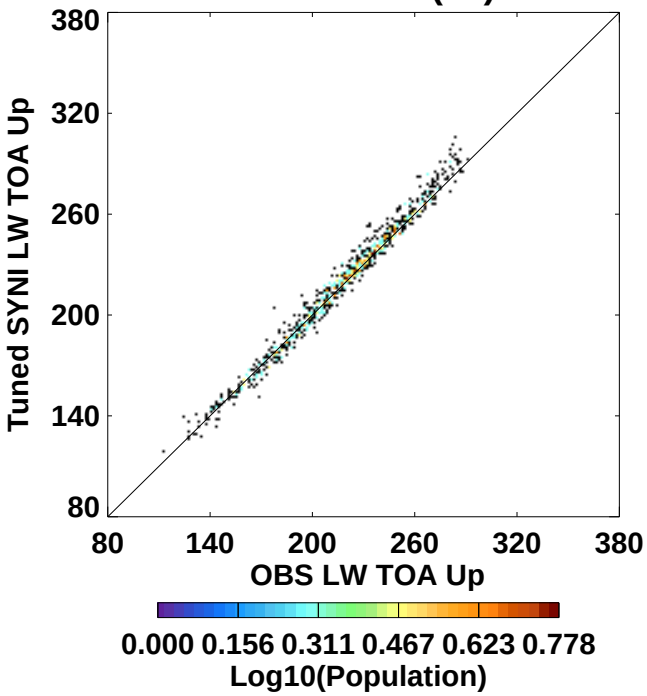
Tuned TOA SW UP(Hr)ALL



N= 4395.	Mean	(StdDev)
OBS SW TOA Up	231.3	(146.1)
TUNED SYNI SW TOA Up	227.1	(144.2)
Y-X	-4.22	(27.29)
RMS(	27.61).....	

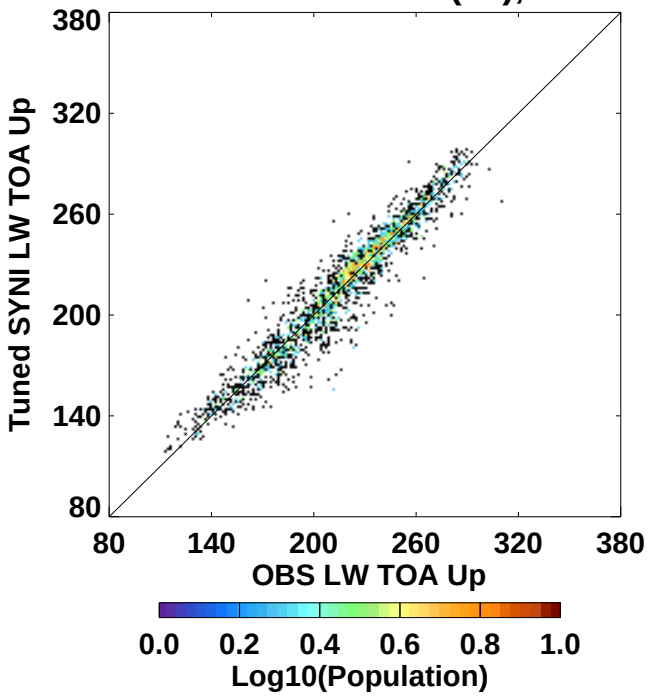
SYNI Beta3 Year 2002: Spatial Subset (aka STS) AllSky PAY

Tuned TOA LW UP(Hr)CERES



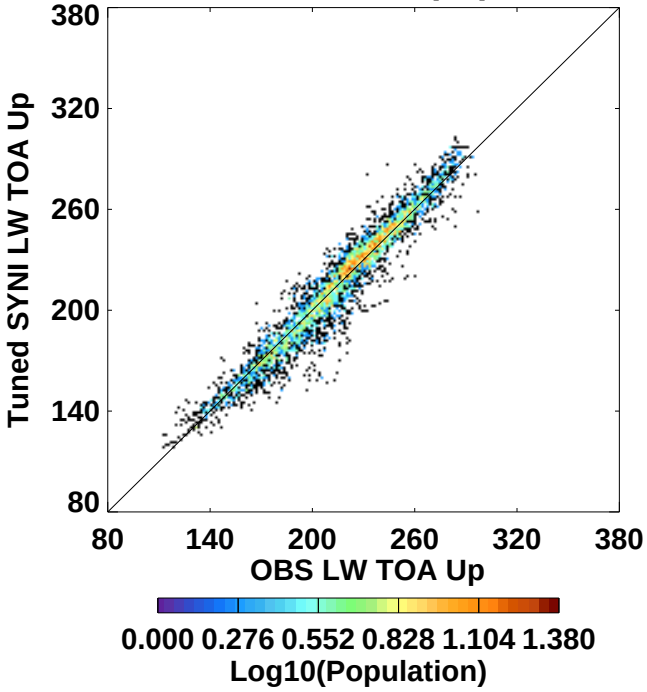
N= 946.	Mean	(StdDev)
OBS LW TOA Up	216.8	(35.62)
Tuned SYNI LW TOA Up	218.4	(37.37)
Y-X	1.66	(5.09)
RMS(	5.35).....	

Tuned TOA LW UP(Hr),GEO



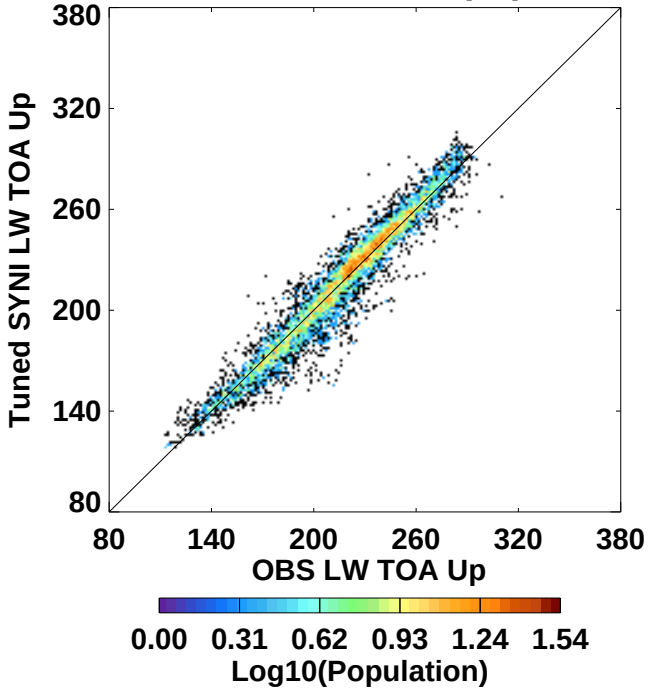
N= 2452.	Mean	(StdDev)
OBS LW TOA Up	216.2	(36.64)
Tuned SYNI LW TOA Up	216.0	(38.03)
Y-X	-0.116	(10.11)
RMS(	10.10).....	

Tuned TOA LW UP(Hr)INTERP



N= 5355.	Mean	(StdDev)
OBS LW TOA Up	215.5	(34.52)
Tuned SYNI LW TOA Up	215.5	(36.51)
Y-X	0.063	(8.96)
RMS(	8.96).....	

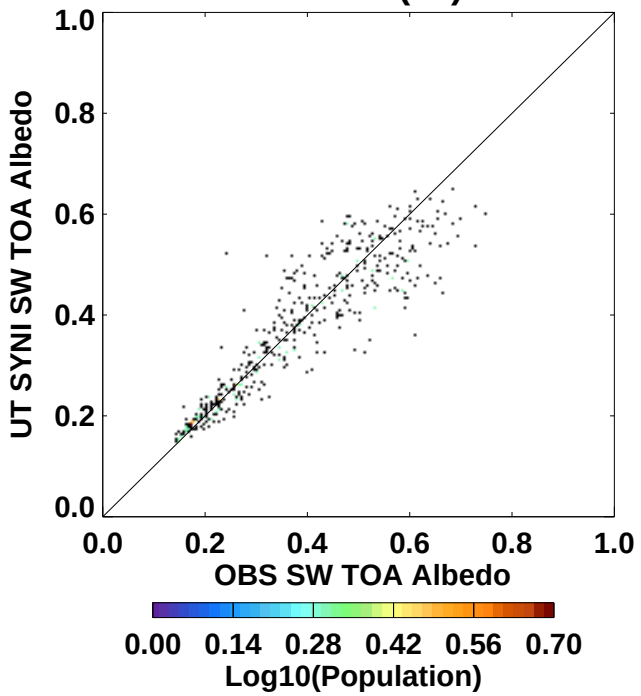
Tuned TOA LW UP(Hr)ALL



N= 8753.	Mean	(StdDev)
OBS LW TOA Up	215.8	(35.25)
Tuned SYNI LW TOA Up	216.0	(37.04)
Y-X	0.186	(8.99)
RMS(	8.99).....	

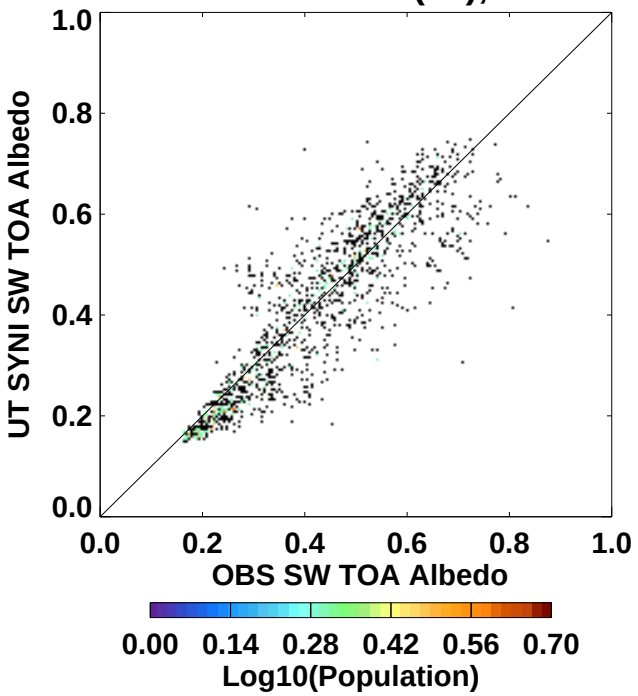
SYNI Beta3 Year 2002: Spatial Subset (aka STS) AllSky PAY

UT TOA Albedo(Hr)CERES



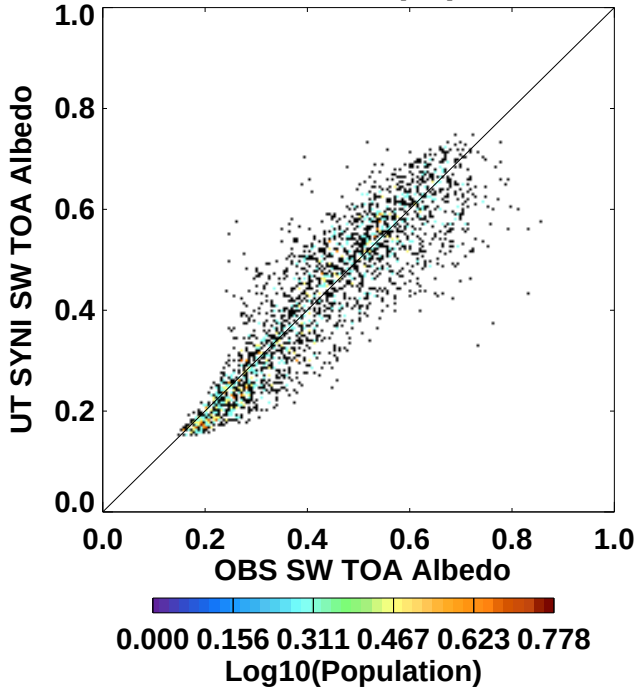
N= 477.	Mean	(StdDev)
OBS SW TOA Albedo	0.378(	0.153)
UT SYNI SW TOA Albedo	0.369(	0.139)
Y-X	-0.009(	0.062)
RMS(	0.063).....	

UT TOA Albedo(Hr),GEO



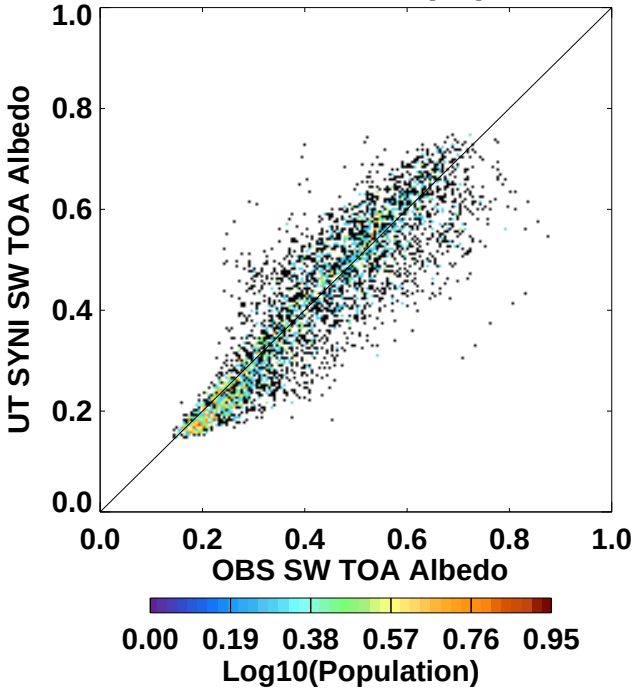
N= 1343.	Mean	(StdDev)
OBS SW TOA Albedo	0.423(	0.154)
UT SYNI SW TOA Albedo	0.414(	0.163)
Y-X	-0.009(	0.078)
RMS(	0.079).....	

UT TOA Albedo(Hr)INTERP



N= 2574.	Mean	(StdDev)
OBS SW TOA Albedo	0.426(	0.152)
UT SYNI SW TOA Albedo	0.420(	0.157)
Y-X	-0.005(	0.071)
RMS(	0.071).....	

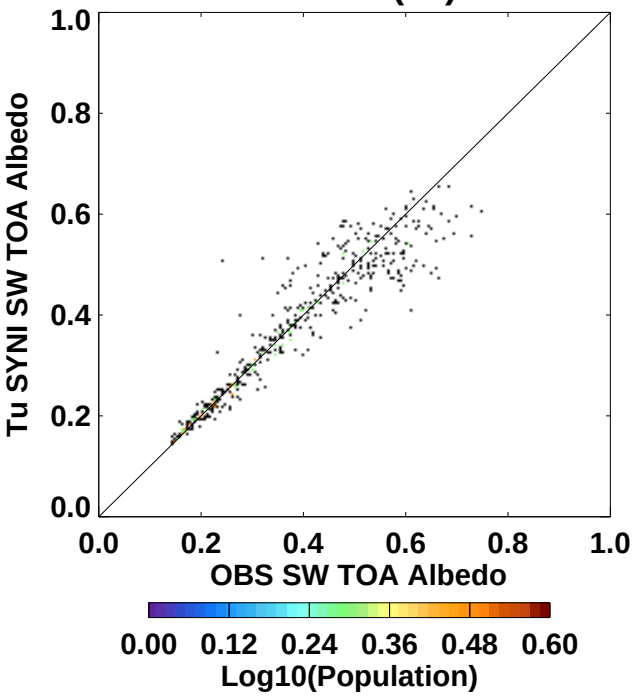
UT TOA Albedo(Hr)ALL



N= 4394.	Mean	(StdDev)
OBS SW TOA Albedo	0.419(	0.154)
UT SYNI SW TOA Albedo	0.413(	0.158)
Y-X	-0.007(	0.073)
RMS(	0.073).....	

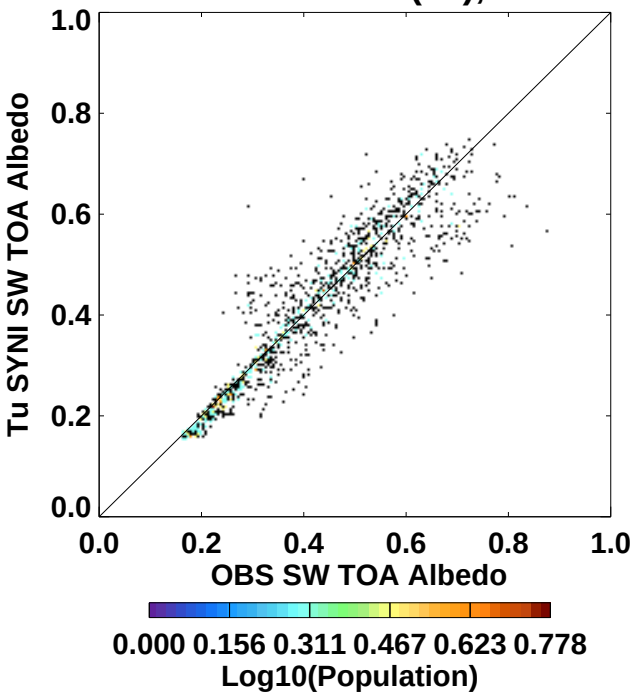
SYNI Beta3 Year 2002: Spatial Subset (aka STS) AllSky PAY

Tu TOA Albedo(Hr)CERES



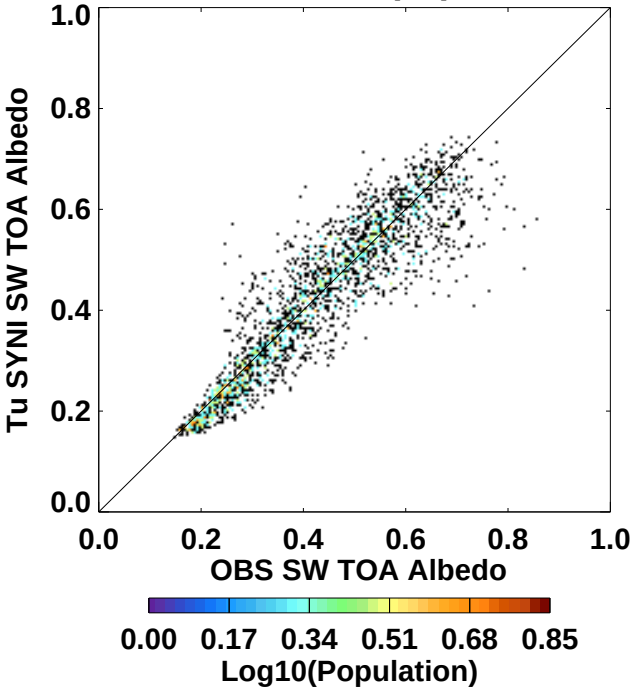
N= 477.	Mean	(StdDev)
OBS SW TOA Albedo	0.378(	0.153)
Tu SYNI SW TOA Albedo	0.370(	0.140)
Y-X	-0.007(	0.050)
RMS(	0.050).....	

Tu TOA Albedo(Hr),GEO



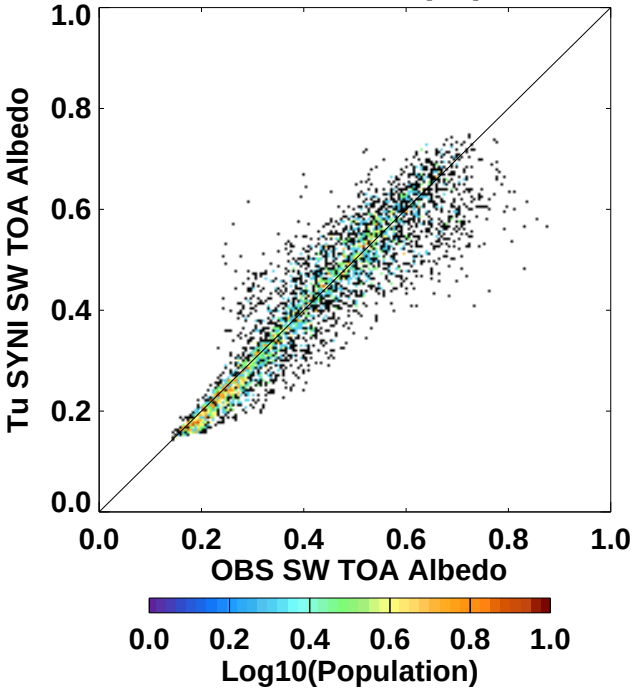
N= 1343.	Mean	(StdDev)
OBS SW TOA Albedo	0.423(	0.154)
Tu SYNI SW TOA Albedo	0.418(	0.155)
Y-X	-0.005(	0.058)
RMS(	0.059).....	

Tu TOA Albedo(Hr)INTERP



N= 2574.	Mean	(StdDev)
OBS SW TOA Albedo	0.426(	0.152)
Tu SYNI SW TOA Albedo	0.420(	0.153)
Y-X	-0.005(	0.061)
RMS(	0.061).....	

Tu TOA Albedo(Hr)ALL



N= 4394.	Mean	(StdDev)
OBS SW TOA Albedo	0.419(	0.154)
Tu SYNI SW TOA Albedo	0.414(	0.153)
Y-X	-0.005(	0.059)
RMS(	0.060).....	

SYNI Beta3 Year 2002: Spatial Subset (aka STS) ClearSky 1% PAY

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