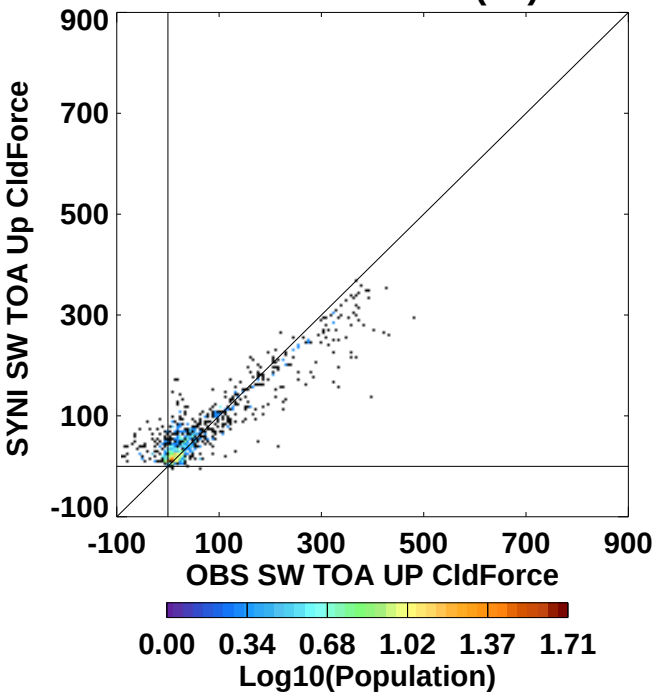
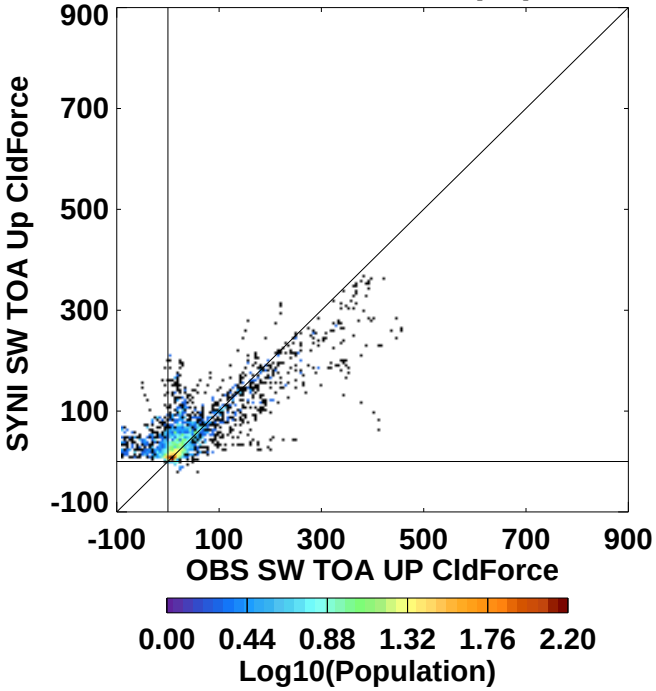
SYNI Beta3 Year 2002: Spatial Subset (aka STS) AllSky GVN

CldFor UT TOA SW UP(Hr)CERES



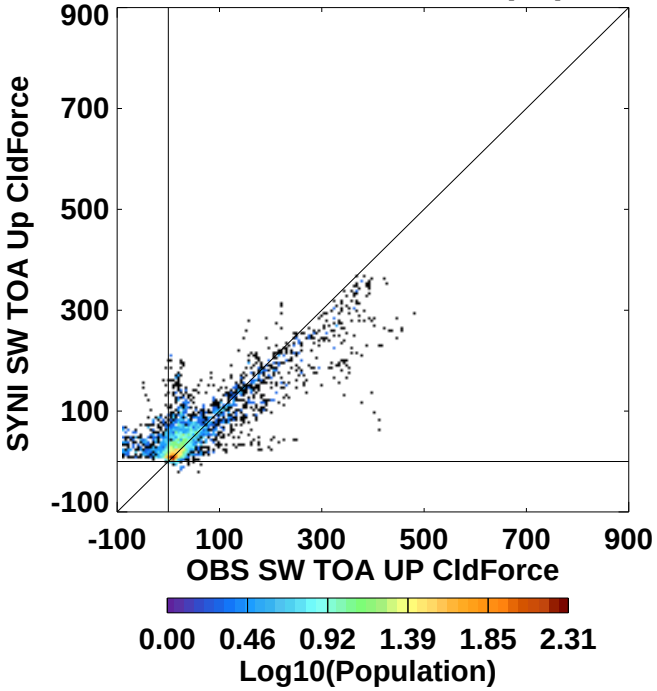
N= 1030.	Mean	(StdDev)
OBS SW TOA UP CldForce	55.14(	95.71)
SYNI SW TOA Up CldForce	60.31(	75.89)
Y-X	5.17(	39.56)
RMS(	39.88).....	

CldFor UT TOA SW UP(Hr)INTERP



N= 3084.	Mean	(StdDev)
OBS SW TOA UP CldForce	36.17(	80.94)
SYNI SW TOA Up CldForce	47.52(	62.52)
Y-X	11.36(	48.08)
RMS(	49.39).....	

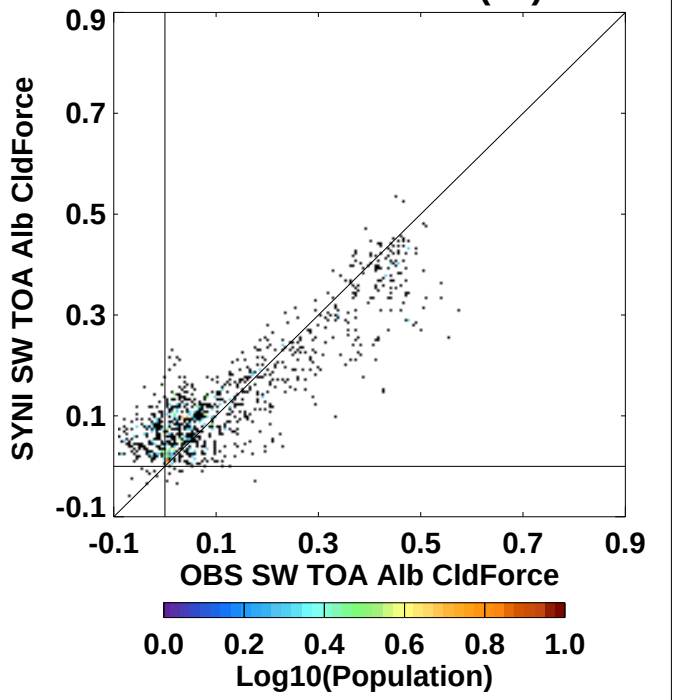
CldFor UT TOA SW UP(Hr)ALL



N= 4114.	Mean	(StdDev)
OBS SW TOA UP CldForce	40.92(	85.27)
SYNI SW TOA Up CldForce	50.72(	66.34)
Y-X	9.81(	46.16)
RMS(	47.19).....	

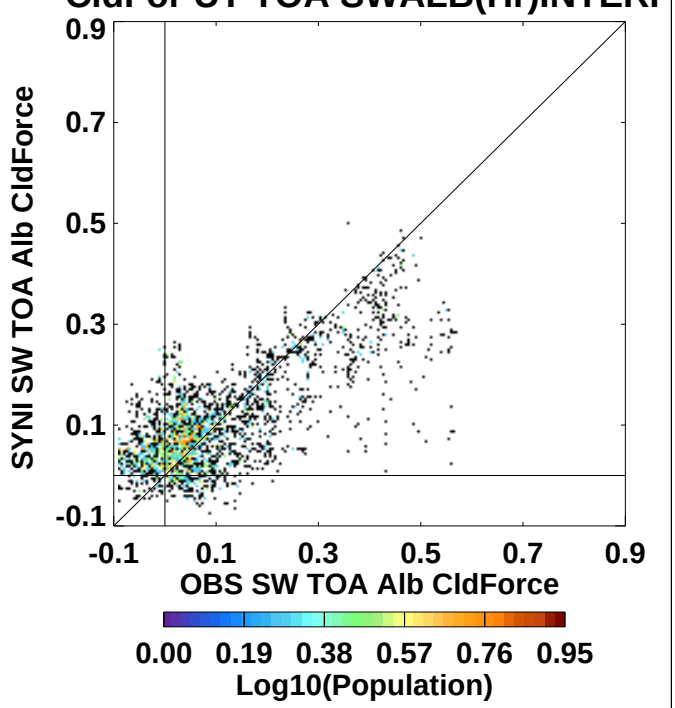
SYNI Beta3 Year 2002: Spatial Subset (aka STS) AllSky GVN

CldFor UT TOA SWALB(Hr)CERES



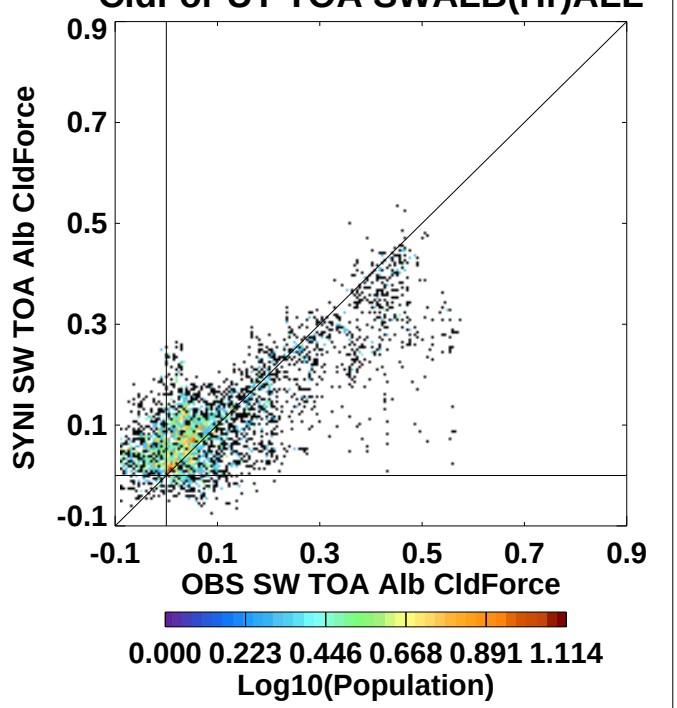
N= 1001.	Mean	(StdDev)
OBS SW TOA Alb CldForce	0.119(	0.157)
SYNI SW TOA Alb CldForce	0.130(	0.120)
Y-X	0.011(	0.075)
RMS(	0.076).....	

CldFor UT TOA SWALB(Hr)INTERP



N= 2890.	Mean	(StdDev)
OBS SW TOA Alb CldForce	0.093(	0.139)
SYNI SW TOA Alb CldForce	0.099(	0.098)
Y-X	0.006(	0.094)
RMS(	0.094).....	

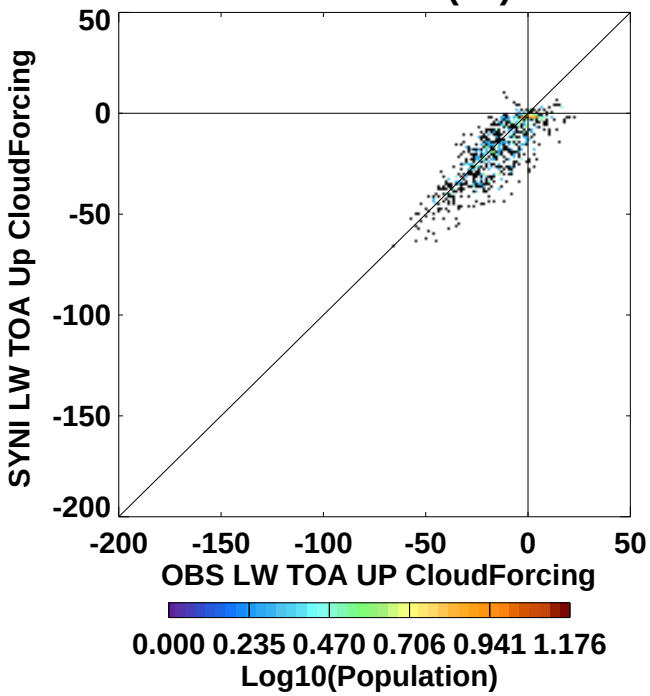
CldFor UT TOA SWALB(Hr)ALL



N= 3891.	Mean	(StdDev)
OBS SW TOA Alb CldForce	0.100(	0.144)
SYNI SW TOA Alb CldForce	0.107(	0.105)
Y-X	0.007(	0.089)
RMS(	0.089).....	

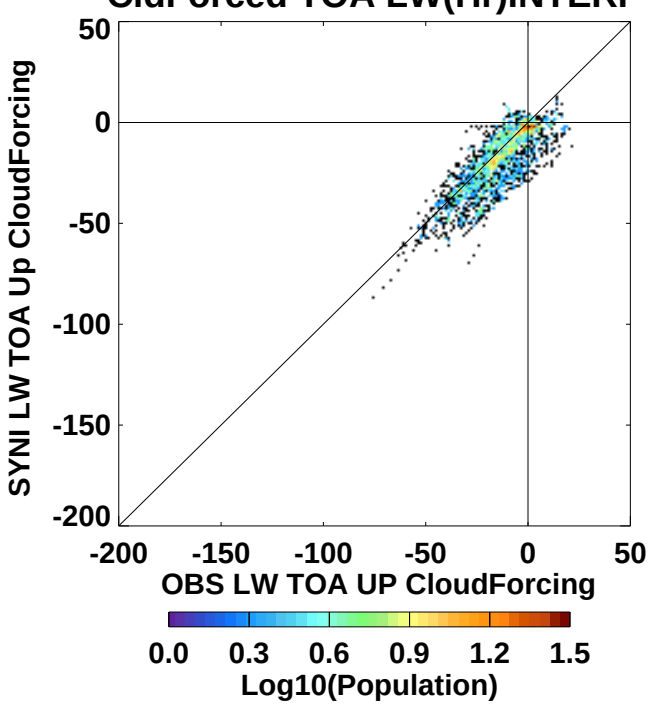
SYNI Beta3 Year 2002: Spatial Subset (aka STS) AllSky GVN

CldForced TOA LW(Hr)CERES



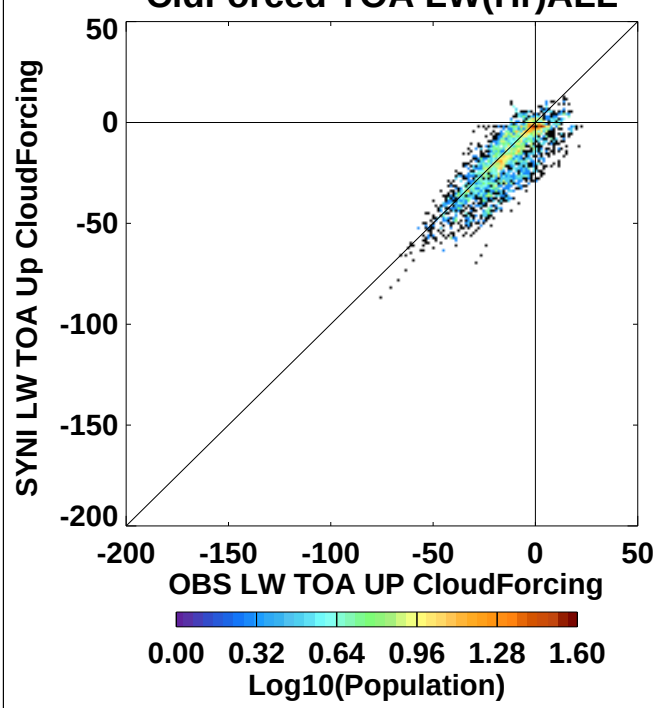
N= 851.	Mean	(StdDev)
OBS LW TOA UP CloudForcing	-13.26	(14.94)
SYNI LW TOA Up CloudForcing	-16.77	(14.81)
Y-X	-3.51	(8.89)
RMS(	9.55).....	

CldForced TOA LW(Hr)INTERP



N= 3022.	Mean	(StdDev)
OBS LW TOA UP CloudForcing	-13.05	(14.47)
SYNI LW TOA Up CloudForcing	-17.87	(15.51)
Y-X	-4.82	(9.09)
RMS(	10.29).....	

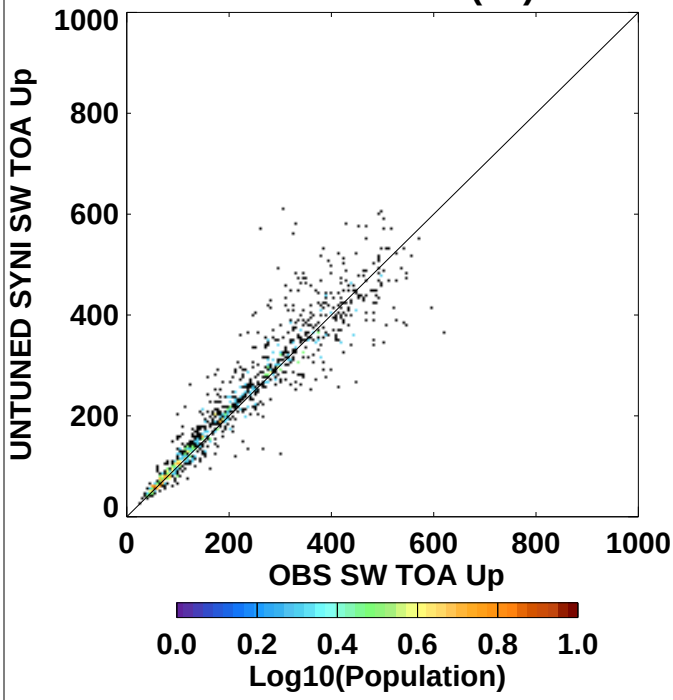
CldForced TOA LW(Hr)ALL



N= 3962.	Mean	(StdDev)
OBS LW TOA UP CloudForcing	-12.67	(14.72)
SYNI LW TOA Up CloudForcing	-17.11	(15.58)
Y-X	-4.45	(9.02)
RMS(	10.05).....	

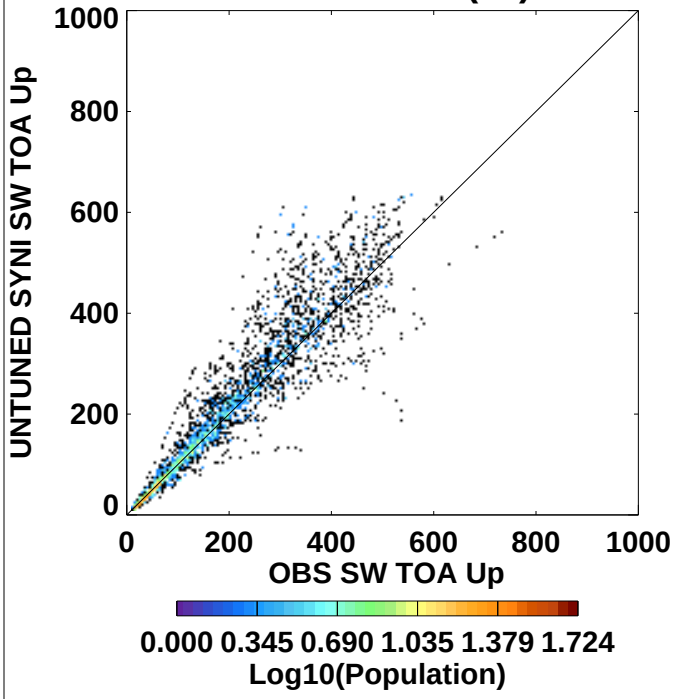
SYNI Beta3 Year 2002: Spatial Subset (aka STS) AllSky GVN

Untuned TOA SW UP(Hr)CERES



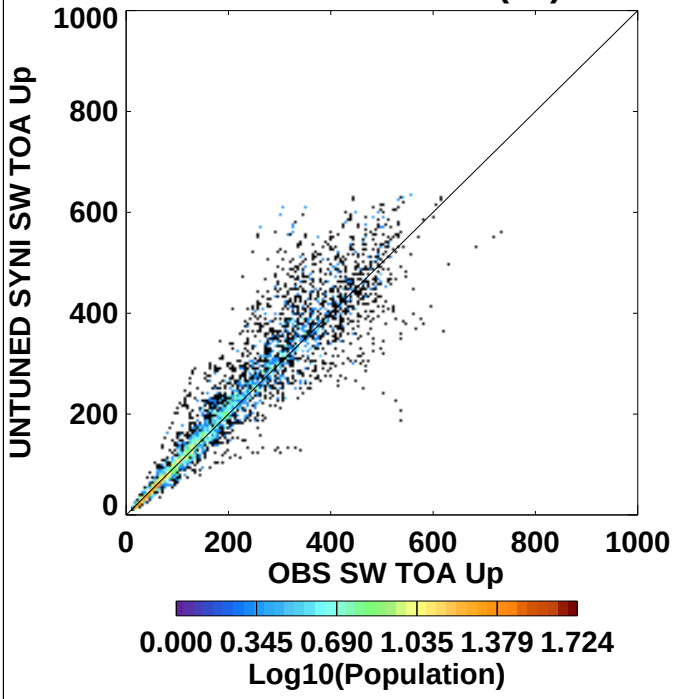
N= 1056.	Mean	(StdDev)
OBS SW TOA Up	218.2(	133.5)
UNTUNED SYNI SW TOA Up	226.4(	136.8)
Y-X	8.25(	45.95)
RMS(	46.66).....	

Untuned TOA SW UP(Hr)INTERP



N= 3227.	Mean	(StdDev)
OBS SW TOA Up	203.7(	143.9)
UNTUNED SYNI SW TOA Up	220.0(	159.2)
Y-X	16.28(	56.13)
RMS(	58.44).....	

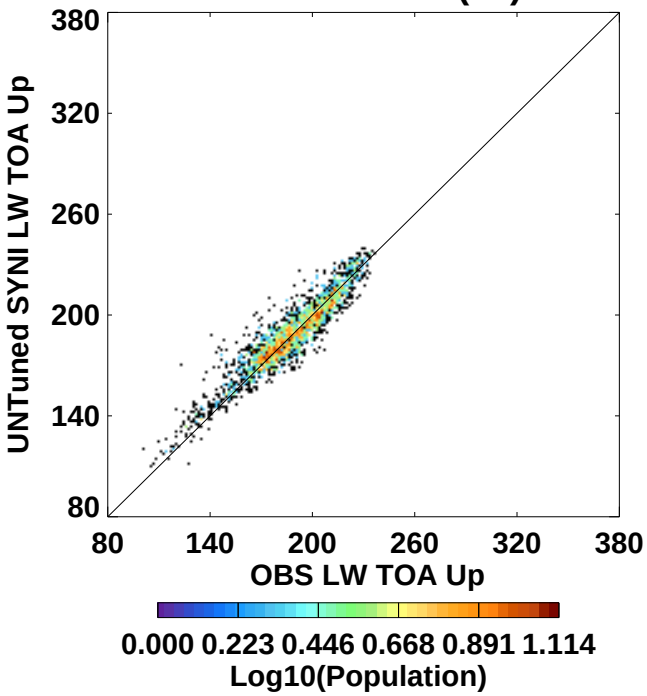
Untuned TOA SW UP(Hr)ALL



N= 4283.	Mean	(StdDev)
OBS SW TOA Up	207.3(	141.6)
UNTUNED SYNI SW TOA Up	221.6(	154.0)
Y-X	14.30(	53.91)
RMS(	55.77).....	

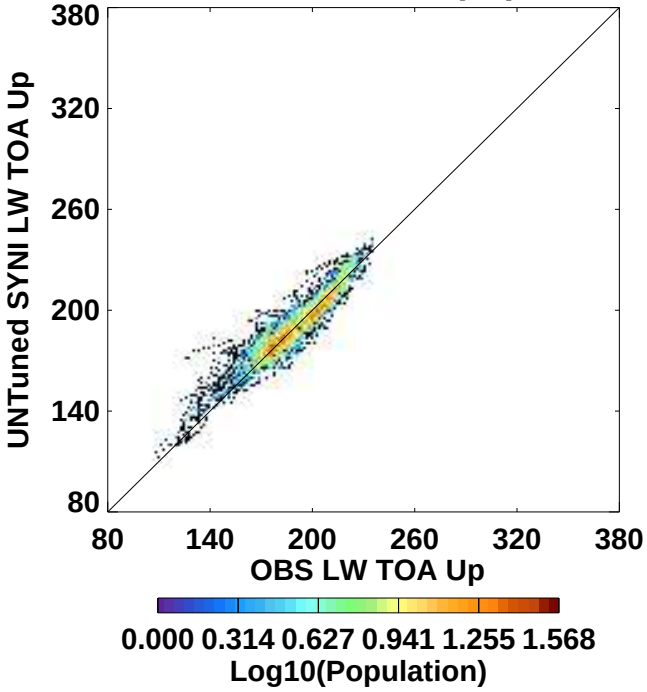
SYNI Beta3 Year 2002: Spatial Subset (aka STS) AllSky GVN

UNTuned TOA LW UP(Hr)CERES



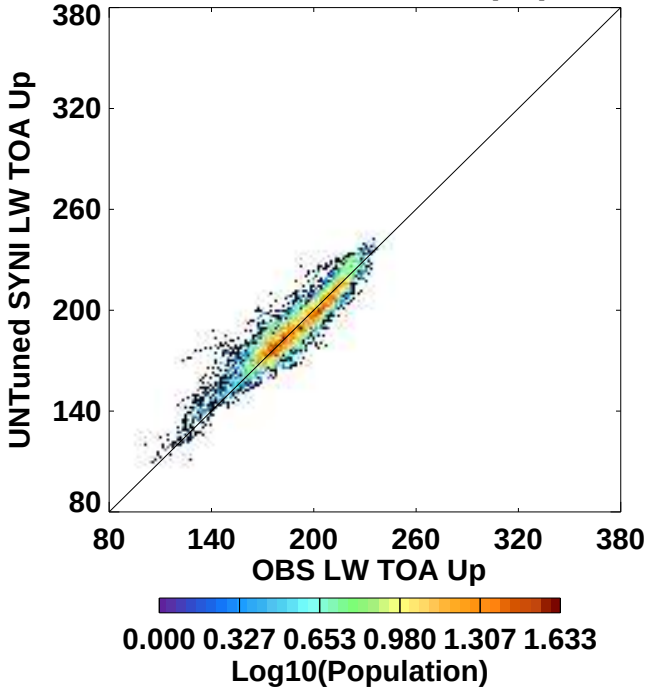
N= 2879.	Mean	(StdDev)
OBS LW TOA Up	186.8(	22.24)
UNTuned SYNI LW TOA Up	187.7(	20.92)
Y-X	0.928(	7.97)
RMS(	8.03).....	

UNTuned TOA LW UP(Hr)INTERP



N= 5857.	Mean	(StdDev)
OBS LW TOA Up	187.8(	21.23)
UNTuned SYNI LW TOA Up	189.0(	19.82)
Y-X	1.21(	7.36)
RMS(	7.46).....	

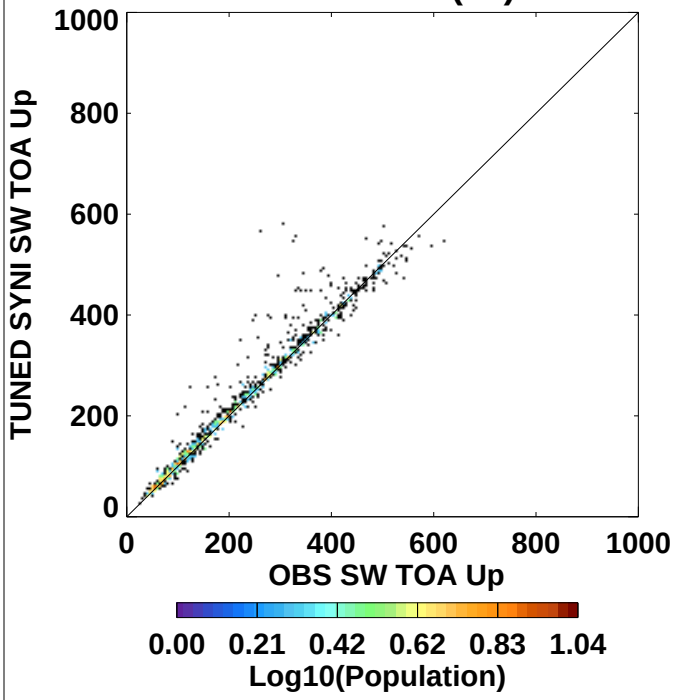
UNTuned TOA LW UP(Hr)ALL



N= 8736.	Mean	(StdDev)
OBS LW TOA Up	187.5(	21.57)
UNTuned SYNI LW TOA Up	188.6(	20.20)
Y-X	1.11(	7.57)
RMS(	7.65).....	

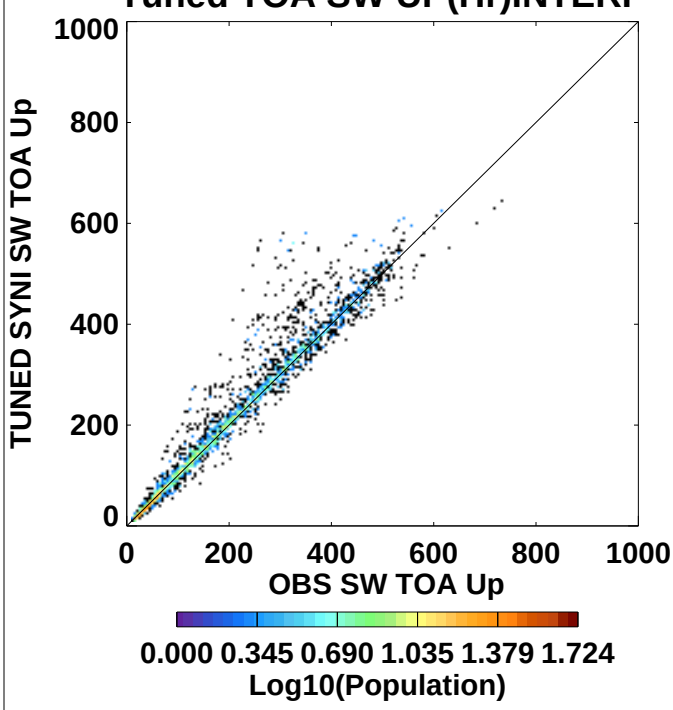
SYNI Beta3 Year 2002: Spatial Subset (aka STS) AllSky GVN

Tuned TOA SW UP(Hr)CERES



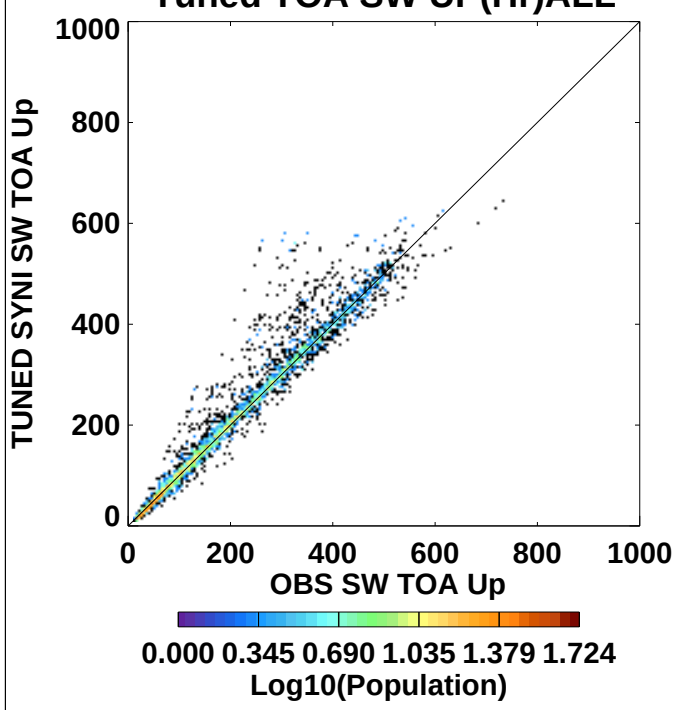
N= 1057.	Mean	(StdDev)
OBS SW TOA Up	218.2(	133.4)
TUNED SYNI SW TOA Up	225.2(	136.1)
Y-X	6.96(	28.03)
RMS(	28.87).....	

Tuned TOA SW UP(Hr)INTERP



N= 3229.	Mean	(StdDev)
OBS SW TOA Up	203.7(	143.9)
TUNED SYNI SW TOA Up	214.8(	152.3)
Y-X	11.07(	35.74)
RMS(	37.41).....	

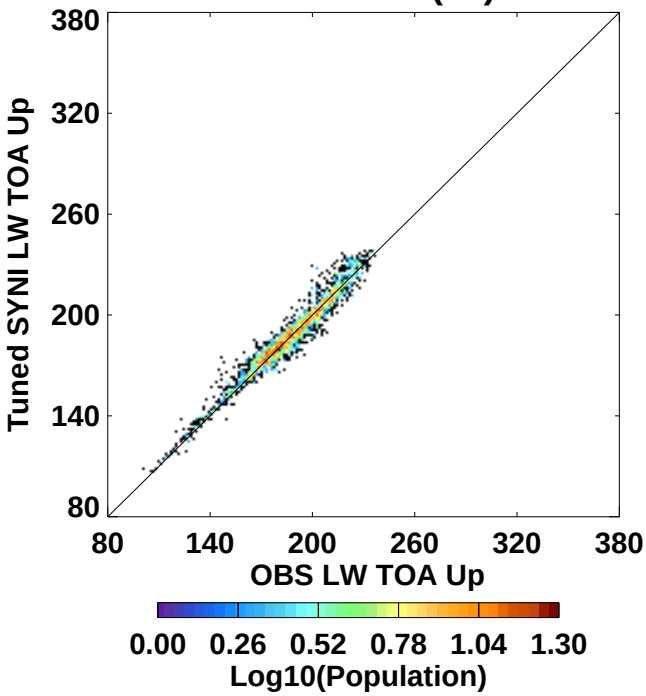
Tuned TOA SW UP(Hr)ALL



N= 4286.	Mean	(StdDev)
OBS SW TOA Up	207.3(	141.5)
TUNED SYNI SW TOA Up	217.3(	148.5)
Y-X	10.06(	34.04)
RMS(	35.49).....	

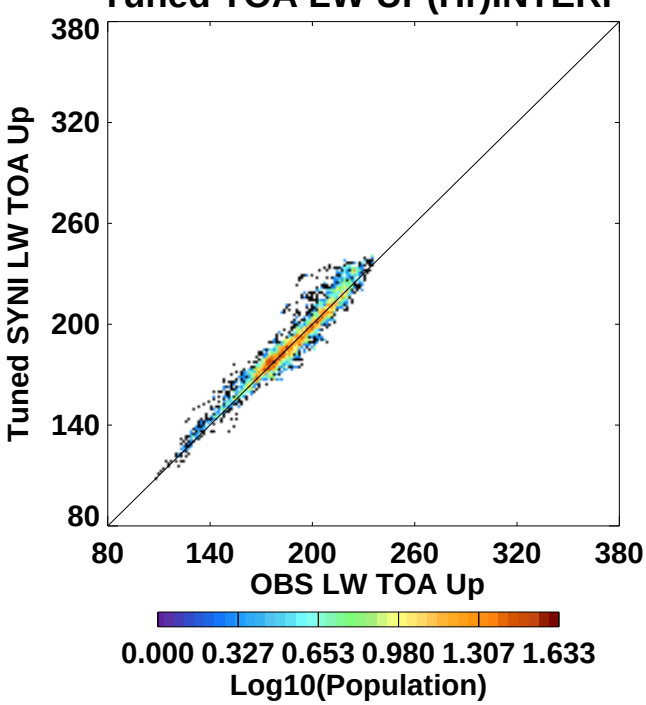
SYNI Beta3 Year 2002: Spatial Subset (aka STS) AllSky GVN

Tuned TOA LW UP(Hr)CERES



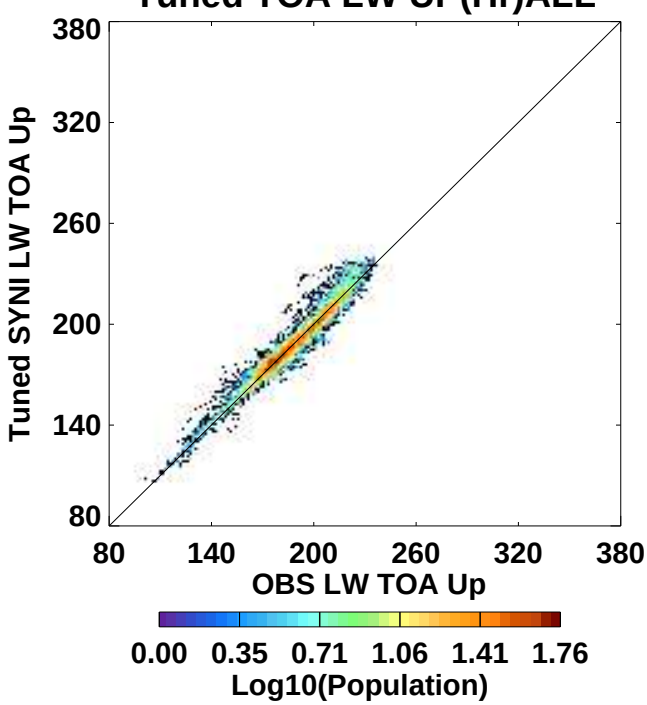
N= 2880.	Mean	(StdDev)
OBS LW TOA Up	186.8(	22.25)
Tuned SYNI LW TOA Up	187.3(	22.02)
Y-X	0.467(	5.10)
RMS(	5.12).....	

Tuned TOA LW UP(Hr)INTERP



N= 5859.	Mean	(StdDev)
OBS LW TOA Up	187.8(	21.24)
Tuned SYNI LW TOA Up	188.8(	21.60)
Y-X	1.00(	5.27)
RMS(	5.36).....	

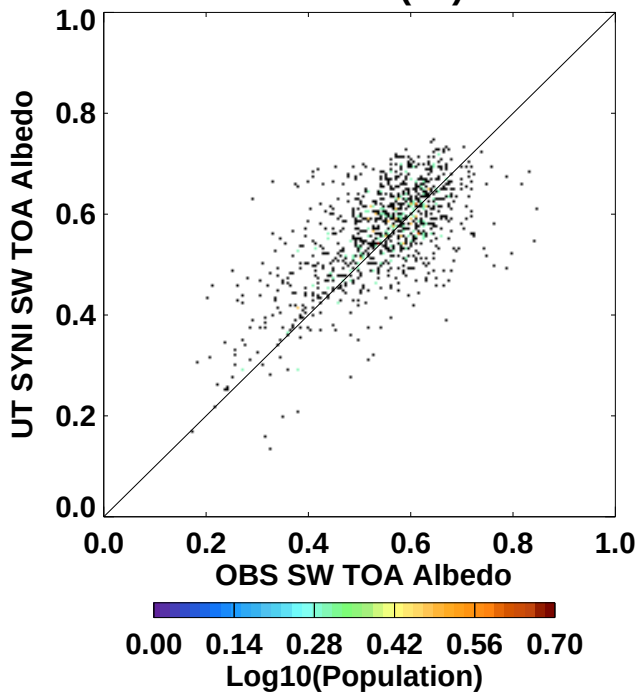
Tuned TOA LW UP(Hr)ALL



N= 8739.	Mean	(StdDev)
OBS LW TOA Up	187.5(	21.58)
Tuned SYNI LW TOA Up	188.3(	21.75)
Y-X	0.826(	5.22)
RMS(	5.29).....	

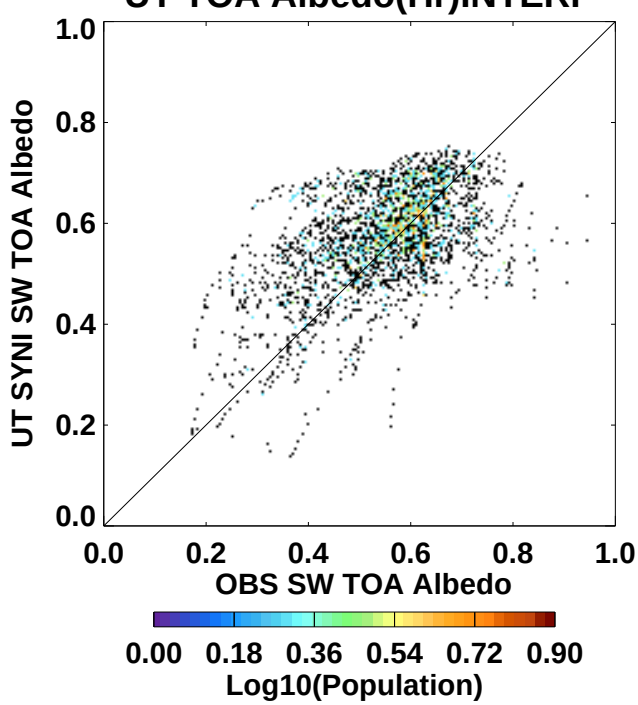
SYNI Beta3 Year 2002: Spatial Subset (aka STS) AllSky GVN

UT TOA Albedo(Hr)CERES



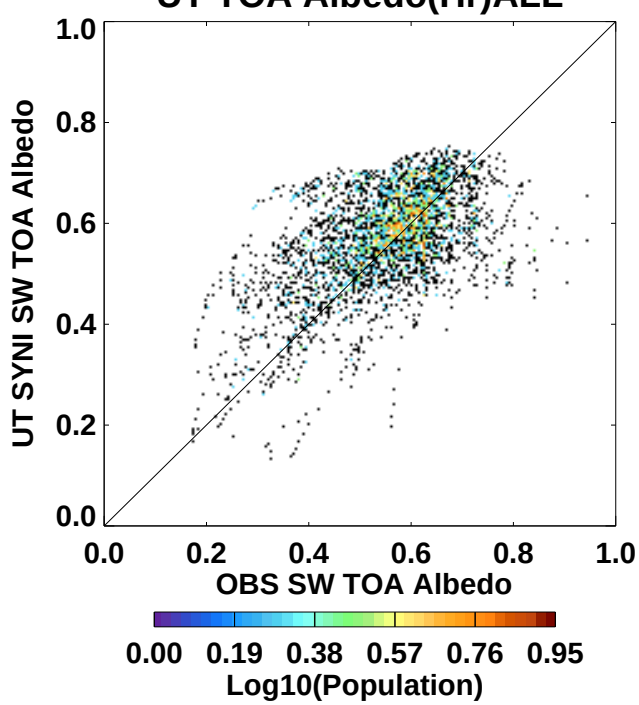
N= 1056.	Mean	(StdDev)
OBS SW TOA Albedo	0.544(	0.106)
UT SYNI SW TOA Albedo	0.563(	0.097)
Y-X	0.019(	0.085)
RMS(	0.087).....	

UT TOA Albedo(Hr)INTERP



N= 3220.	Mean	(StdDev)
OBS SW TOA Albedo	0.553(	0.119)
UT SYNI SW TOA Albedo	0.576(	0.098)
Y-X	0.023(	0.106)
RMS(	0.109).....	

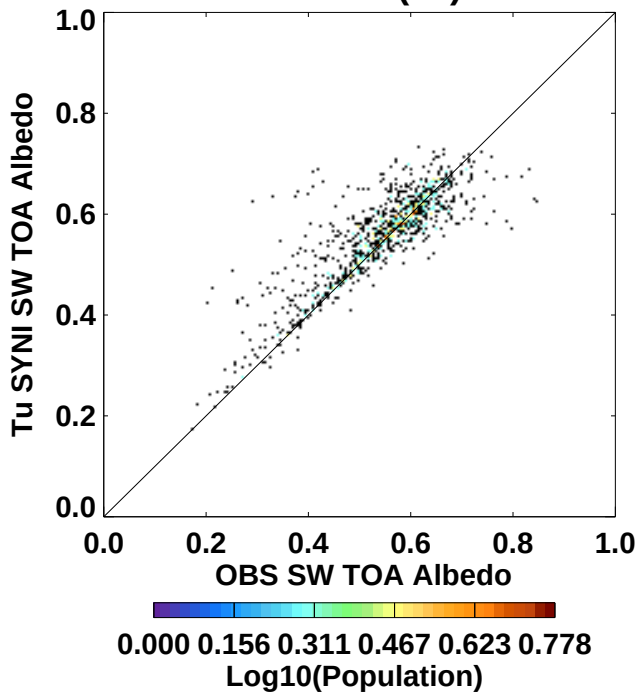
UT TOA Albedo(Hr)ALL



N= 4276.	Mean	(StdDev)
OBS SW TOA Albedo	0.551(	0.116)
UT SYNI SW TOA Albedo	0.573(	0.098)
Y-X	0.022(	0.101)
RMS(	0.104).....	

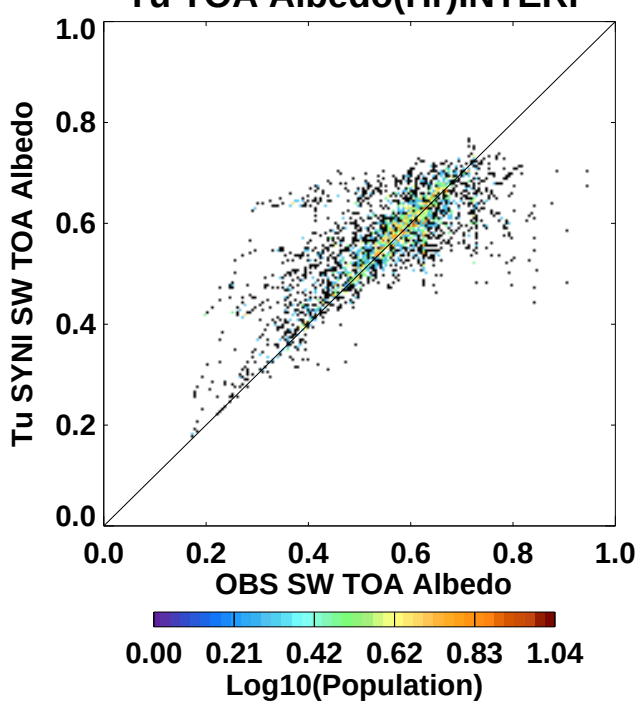
SYNI Beta3 Year 2002: Spatial Subset (aka STS) AllSky GVN

Tu TOA Albedo(Hr)CERES



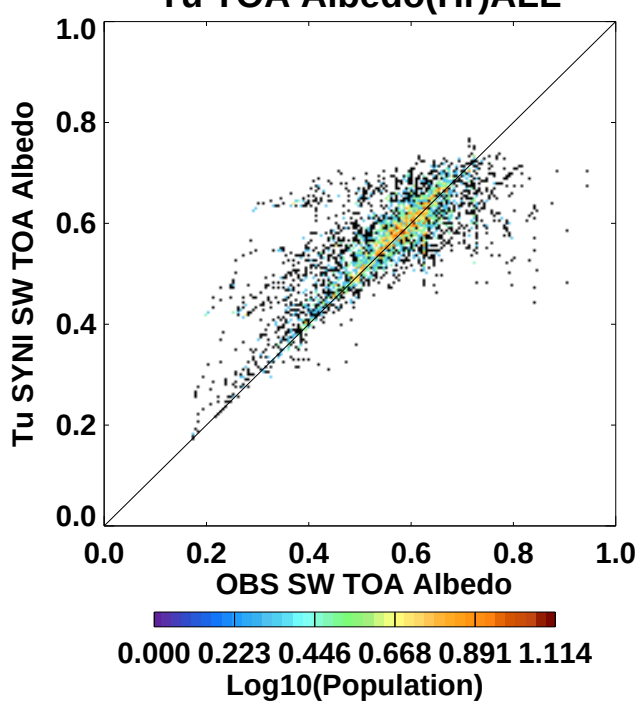
N= 1057.	Mean	(StdDev)
OBS SW TOA Albedo	0.543(	0.106)
Tu SYNI SW TOA Albedo	0.558(	0.091)
Y-X	0.015(	0.056)
RMS(	0.058).....	

Tu TOA Albedo(Hr)INTERP



N= 3222.	Mean	(StdDev)
OBS SW TOA Albedo	0.553(	0.119)
Tu SYNI SW TOA Albedo	0.568(	0.092)
Y-X	0.015(	0.078)
RMS(	0.079).....	

Tu TOA Albedo(Hr)ALL



N= 4279.	Mean	(StdDev)
OBS SW TOA Albedo	0.551(	0.116)
Tu SYNI SW TOA Albedo	0.566(	0.092)
Y-X	0.015(	0.073)
RMS(	0.074).....	

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

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

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

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

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

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