Progetto FATE LaMMA-OAA per ESO @ Cerro Paranal etcetcetc. . .

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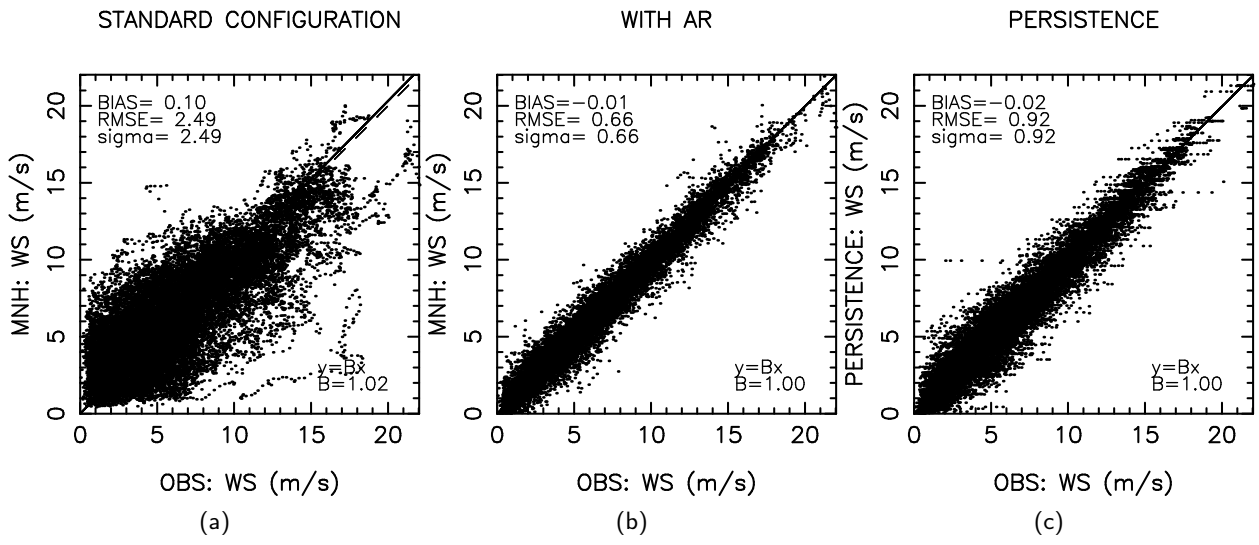

Figure 1: Wind speed (ms^{-1}): (a) STANDARD CONFIGURATION, (b) WITH AR, (c) PERSISTENCE.

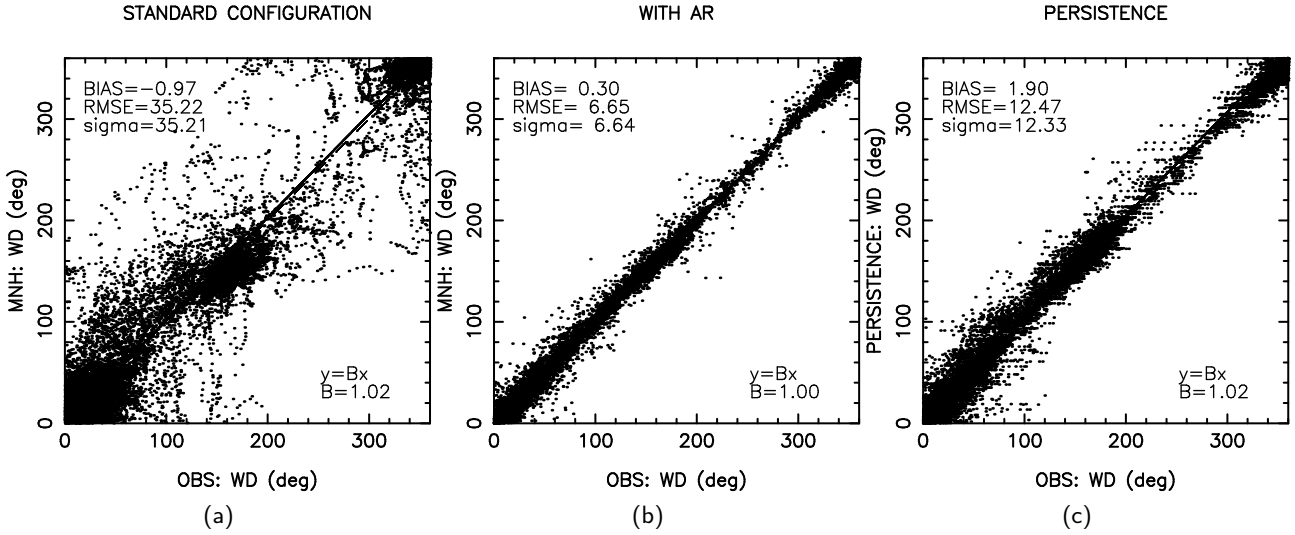

Figure 2: Wind direction (degree): (a) STANDARD CONFIGURATION, (b) WITH AR, (c) PERSISTENCE.

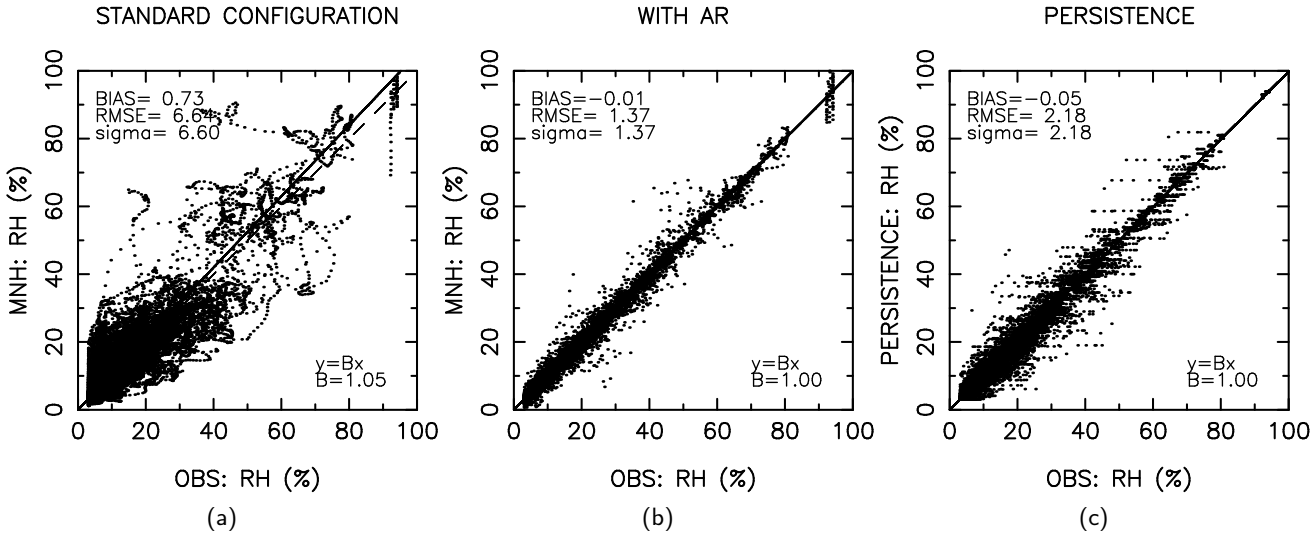

Figure 3: Relative humidity (percent): (a) STANDARD CONFIGURATION, (b) WITH AR, (c) PERSISTENCE.

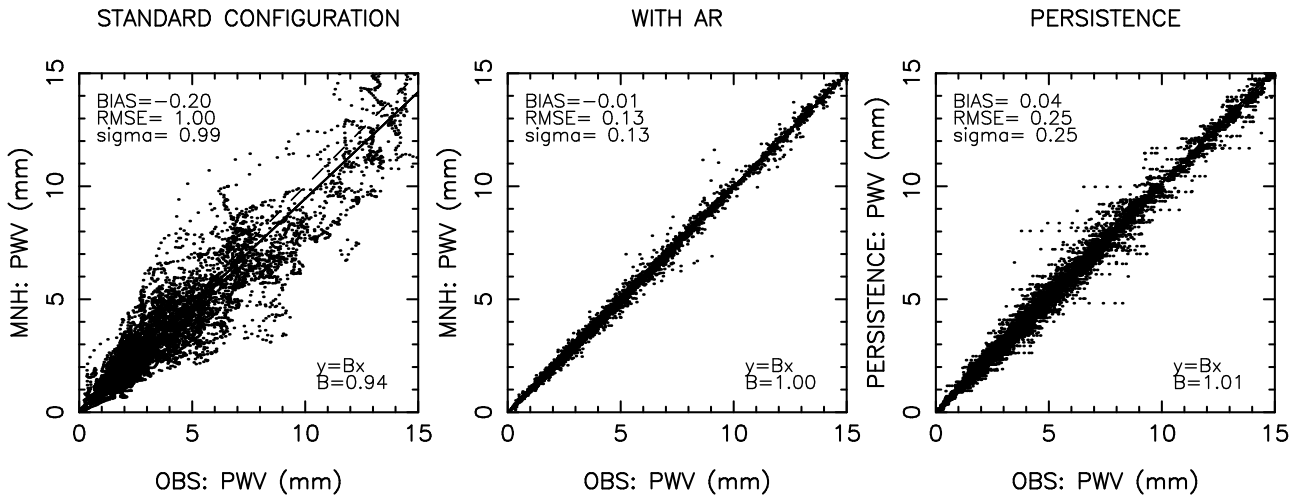

Figure 4: Precipitable water vapor (mm): (a) STANDARD CONFIGURATION, (b) WITH AR, (c) PERSISTENCE.

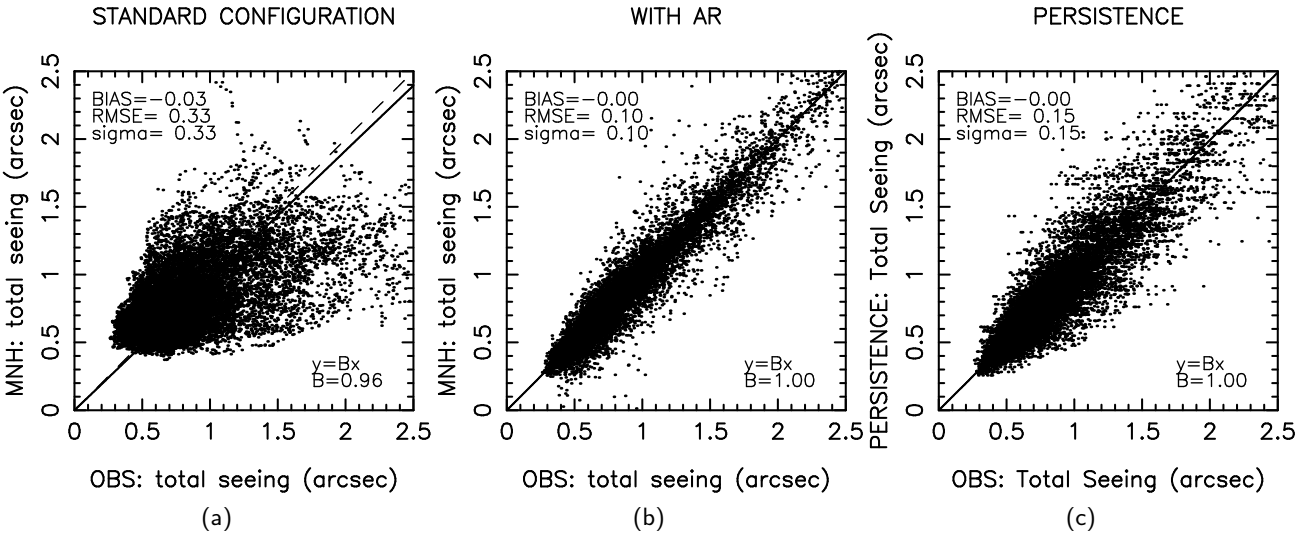

Figure 5: Total seeing (arcsec): (a) STANDARD CONFIGURATION, (b) WITH AR, (c) PERSISTENCE.

Wind speed ms^{-1}		Observations		
		ws < 4.2	$4.2 <$ ws < 7.5	ws > 7.5
Model data	ws < 4.2	4541	2127	249
	$4.2 <$ ws < 7.5	3034	3970	1347
	ws > 7.5	430	1908	6408

Table 1: Contingency table for variable Wind speed (ms^{-1}) in standard configuration (i.e. BEF)

Wind speed ms^{-1}		Observations		
		ws < 4.2	$4.2 <$ ws < 7.5	ws > 7.5
Model data	ws < 4.2	7377	623	1
	$4.2 <$ ws < 7.5	628	6950	386
	ws > 7.5	0	432	7617

Table 2: Contingency table for variable Wind speed (ms^{-1}) processed with AR (i.e. AFT)

Relative humidity percent		Observations		
		rh < 7.1	$7.1 <$ rh < 15.3	rh > 15.3
Model data	rh < 7.1	4755	1095	27
	$7.1 <$ rh < 15.3	2696	5193	1357
	rh > 15.3	379	1539	6443

Table 3: Contingency table for variable Relative humidity (percent) in standard configuration (i.e. BEF)

Relative humidity percent		Observations		
		rh < 7.1	$7.1 <$ rh < 15.3	rh > 15.3
Model data	rh < 7.1	7408	328	1
	$7.1 <$ rh < 15.3	422	7294	248
	rh > 15.3	0	205	7578

Table 4: Contingency table for variable Relative humidity (percent) processed with AR (i.e. AFT)

Precipitable water vapor mm		Observations		
		pwv < 1.9	$1.9 <$ pwv < 3.5	pwv > 3.5
Model data	pwv < 1.9	3402	854	2
	$1.9 <$ pwv < 3.5	443	2596	576
	pwv > 3.5	5	400	3271

Table 5: Contingency table for variable Precipitable water vapor (mm) in standard configuration (i.e. BEF)

Precipitable water vapor mm		Observations		
		pwv < 1.9	$1.9 <$ pwv < 3.5	pwv > 3.5
Model data	pwv < 1.9	3785	69	0
	$1.9 <$ pwv < 3.5	65	3733	39
	pwv > 3.5	0	48	3810

Table 6: Contingency table for variable Precipitable water vapor (mm) processed with AR (i.e. AFT)

Total seeing arcsec		Observations see < 0.6	$0.6 <$ see < 0.8	see > 0.8
Model data	see < 0.6	2937	1831	506
	$0.6 <$ see < 0.8	2926	3110	2000
	see > 0.8	583	1505	3940

Table 7: Contingency table for variable Total seeing (arcsec) in standard configuration (i.e. BEF) and accuracy 0.0

Total seeing arcsec		Observations see < 0.6	$0.6 <$ see < 0.8	see > 0.8
Model data	see < 0.6	2937	1831	506
	$0.6 <$ see < 0.8	2926	3110	2000
	see > 0.8	583	1505	3940

Table 8: Contingency table for variable Total seeing (arcsec) in standard configuration (i.e. BEF) and accuracy 0.10

Total seeing arcsec		Observations see < 0.6	$0.6 <$ see < 0.8	see > 0.8
Model data	see < 0.6	2937	1831	506
	$0.6 <$ see < 0.8	2926	3110	2000
	see > 0.8	583	1505	3940

Table 9: Contingency table for variable Total seeing (arcsec) in standard configuration (i.e. BEF) and accuracy 0.24

Total seeing arcsec		Observations see < 0.6	$0.6 <$ see < 0.8	see > 0.8
Model data	see < 0.6	5670	816	27
	$0.6 <$ see < 0.8	765	4910	535
	see > 0.8	11	720	5884

Table 10: Contingency table for variable Total seeing (arcsec) processed with AR (i.e. AFT) and accuracy 0.0

Total seeing arcsec		Observations see < 0.6	$0.6 <$ see < 0.8	see > 0.8
Model data	see < 0.6	5670	816	27
	$0.6 <$ see < 0.8	765	4910	535
	see > 0.8	11	720	5884

Table 11: Contingency table for variable Total seeing (arcsec) processed with AR (i.e. AFT) and accuracy 0.10

Total seeing arcsec		Observations see < 0.6	$0.6 <$ see < 0.8	see > 0.8
Model data	see < 0.6	5670	816	27
	$0.6 <$ see < 0.8	765	4910	535
	see > 0.8	11	720	5884

Table 12: Contingency table for variable Total seeing (arcsec) processed with AR (i.e. AFT) and accuracy 0.24

PARAMETER	STANDARD	WITH AR
POD1	56.7	92.2
POD2	49.6	86.8
POD3	80.1	95.2
PC	62.1	91.4
EBD	2.8	0.0

Table 13: PODs for Wind speed (ms^{-1})

PARAMETER	STANDARD	WITH AR
POD1	60.7	94.6
POD2	66.3	93.2
POD3	82.3	96.8
PC	69.8	94.9
EBD	1.7	0.0

Table 14: PODs for Relative humidity (percent)

PARAMETER	STANDARD	WITH AR
POD1	88.4	98.3
POD2	67.4	97.0
POD3	85.0	99.0
PC	80.3	98.1
EBD	0.1	0.0

Table 15: PODs for Precipitable water vapor (mm)

PARAMETER	STANDARD	WITH AR
POD1	45.6	88.0
POD2	48.2	76.2
POD3	61.1	91.3
PC	51.6	85.1
EBD	5.6	0.2

Table 16: PODs for Total seeing (arcsec) and accuray 0.0

PARAMETER	STANDARD	WITH AR
POD1	45.6	88.0
POD2	48.2	76.2
POD3	61.1	91.3
PC	51.6	85.1
EBD	5.6	0.2

Table 17: PODs for Total seeing (arcsec) and accuray 0.10

PARAMETER	STANDARD	WITH AR
POD1	45.6	88.0
POD2	48.2	76.2
POD3	61.1	91.3
PC	51.6	85.1
EBD	5.6	0.2

Table 18: PODs for Total seeing (arcsec) and accuray 0.24

Figure 6: Add some meaningfull logo or figure here

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