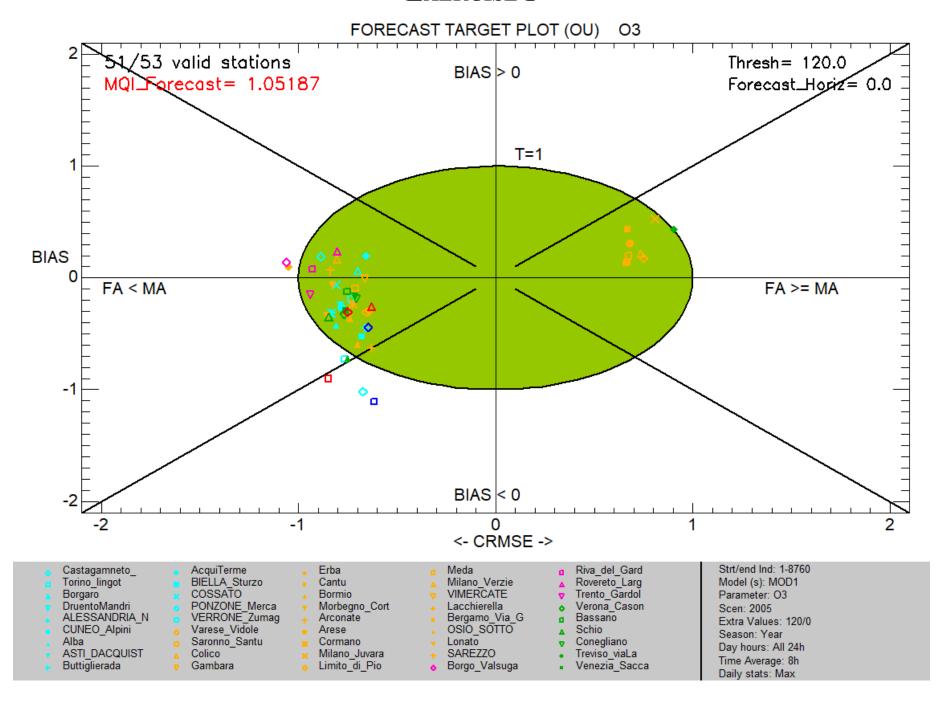
# **DEALTA TOOL FORECAST PLOTS EXERCISES (on demo dataset)**

| Exe. num. | Elaboration                                    | Pollutant | Model     | Single/Group       | Stations             | Time period |
|-----------|--|-----------|-----------|--------------------|----------------------|-------------|
| 1         | Forecast Target Plot                           | O3        | MOD1      | Single             | all                  | whole year  |
| 2         | Forecast Target Plot                           | NO2       | MOD&MOD2  | Single             | urban stations       | whole year  |
| 3         | Forecast Target Plot                           | NO2       | MOD1      | Group by Regions   | all                  | whole year  |
| 4         | Forecast MPI Plot                              | PM10      | MOD2      | Single             | all                  | whole year  |
| 5         | Forecast MPI Plot                              | O3        | MOD1      | Single             | all                  | Summer      |
| 6         | Forecast Summary Report                        | O3        | MOD2      | Single             | all                  | whole year  |
| 7         | Forecast Summary Report                        | O3        | MOD2      | Single             | EMR stations         | whole year  |
| 8         | Forecast Summary P-Normalized Report           | PM10      | MOD1      | Single             | all                  | whole year  |
| 9         | Forecast Summary P-Normalized Report           | PM10      | MOD1      | Single             | valley stations      | whole year  |
| 10        | Forecast Threshold Performance Plot            | O3        | MOD1&MOD2 | Single             | plane stations       | whole year  |
| 11        | Forecast Threshold Performance Plot            | O3        | MOD1&MOD2 | Single             | plane stations       | Summer      |
| 12        | Forecast Threshold Normalized Performance Plot | PM10      | MOD1&MOD2 | Single             | all                  | whole year  |
| 13        | Forecast Threshold Normalized Performance Plot | PM10      | MOD2      | Single             | plane stations       | Winter      |
| 14        | Forecast Bar Plot - Accuracy                   | O3        | MOD2      | Single             | valley stations      | whole year  |
| 15        | Forecast Bar Plot – POD&SR                     | PM10      | MOD1      | Single             | rural plane stations | whole year  |
| 16        | Forecast Bar Plot – POD                        | PM10      | MOD1&MOD2 | Single             | rural plane stations | whole year  |
| 17        | Forecast AQI Plot                              | O3        | MOD2      | Single             | valley stations      | whole year  |
| 18        | Forecast AQI Plot                              | PM10      | MOD1      | Group by Area Type | all                  | whole year  |

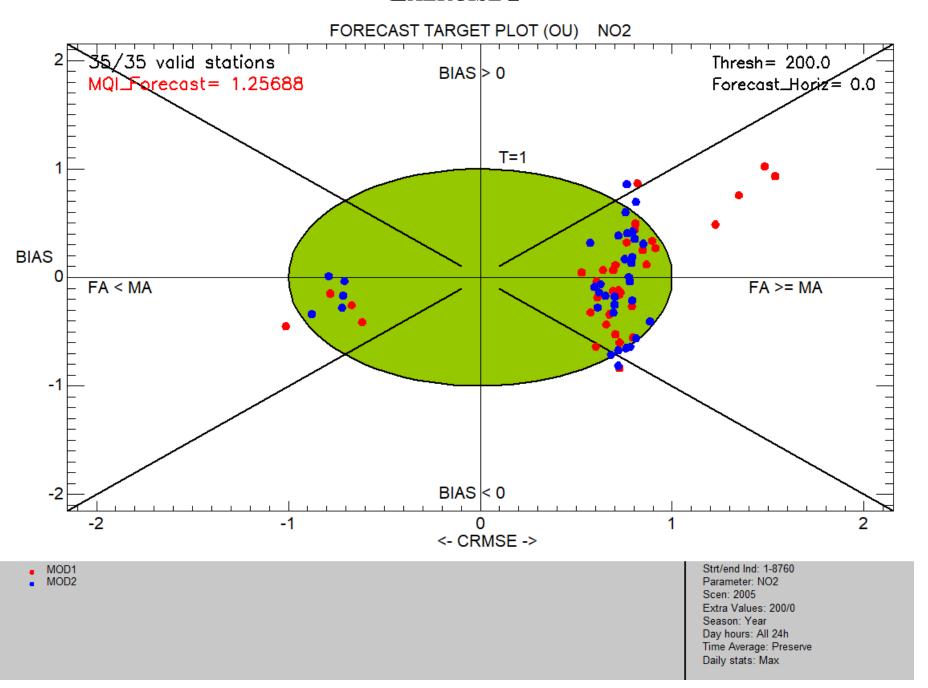
**RECOMMENDED EXERCISES** BEGINNER USERS: 1, 4, 8, 15, 17

INTERMEDIATE USERS: 2, 5, 6, 10, 17

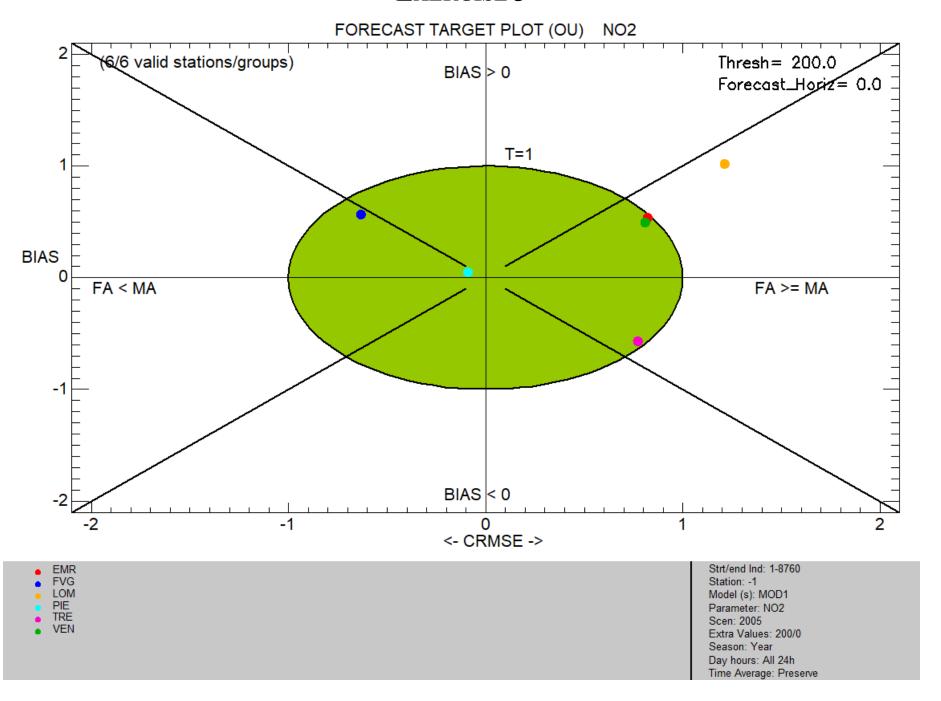
ADVANCED USERS: 3, 5, 9, 13, 18

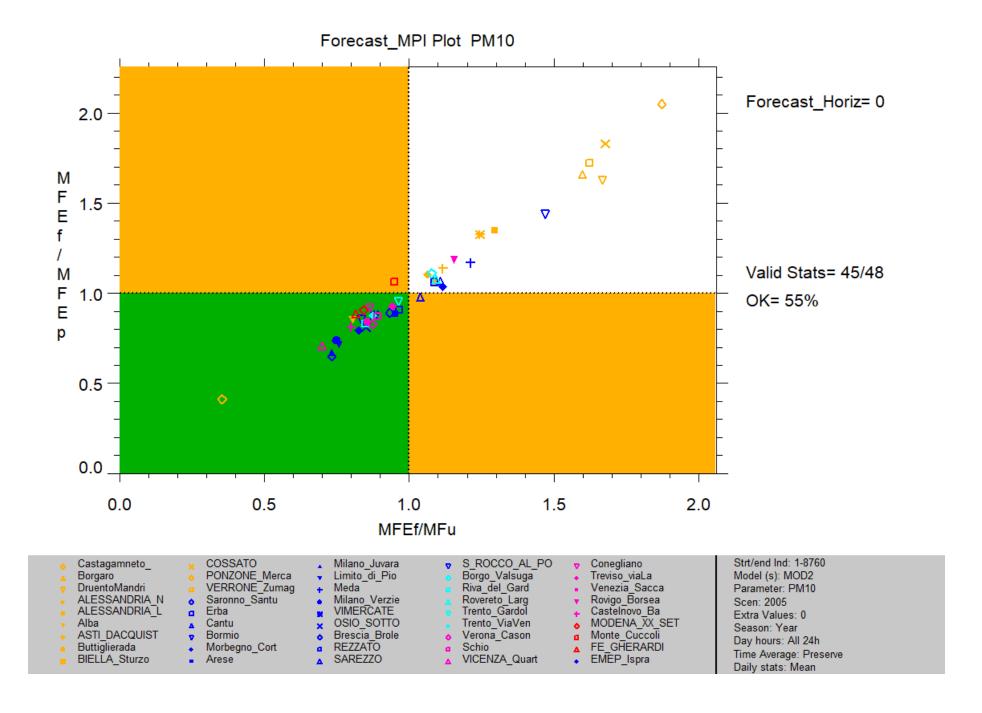


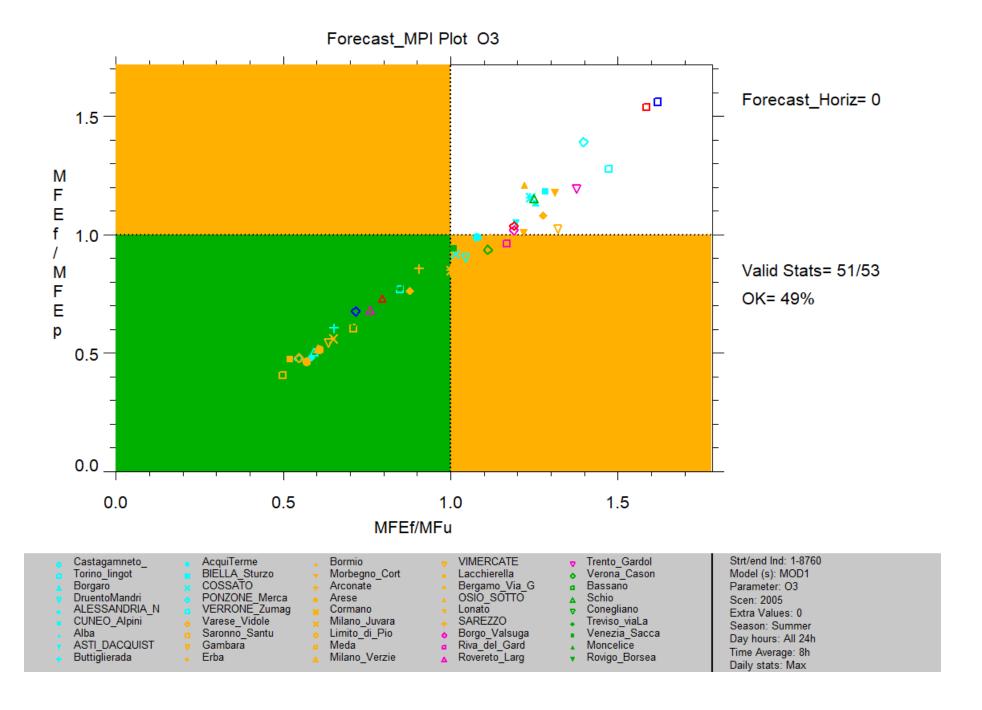
**EXERCISE 2** 

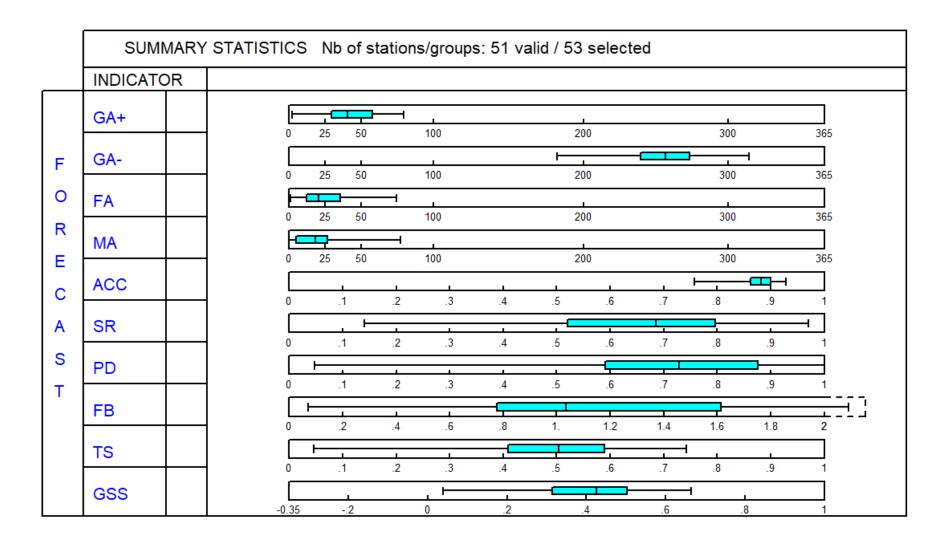


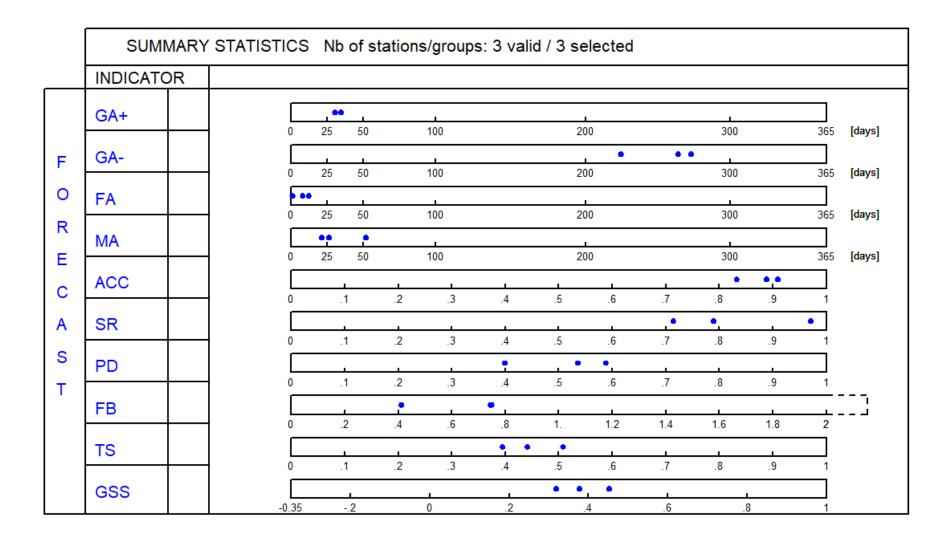
EXERCISE 3

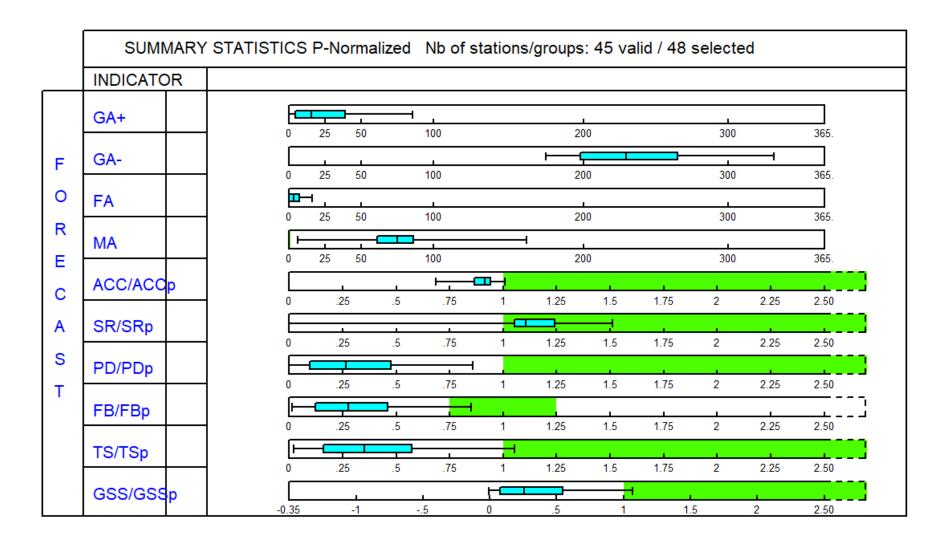


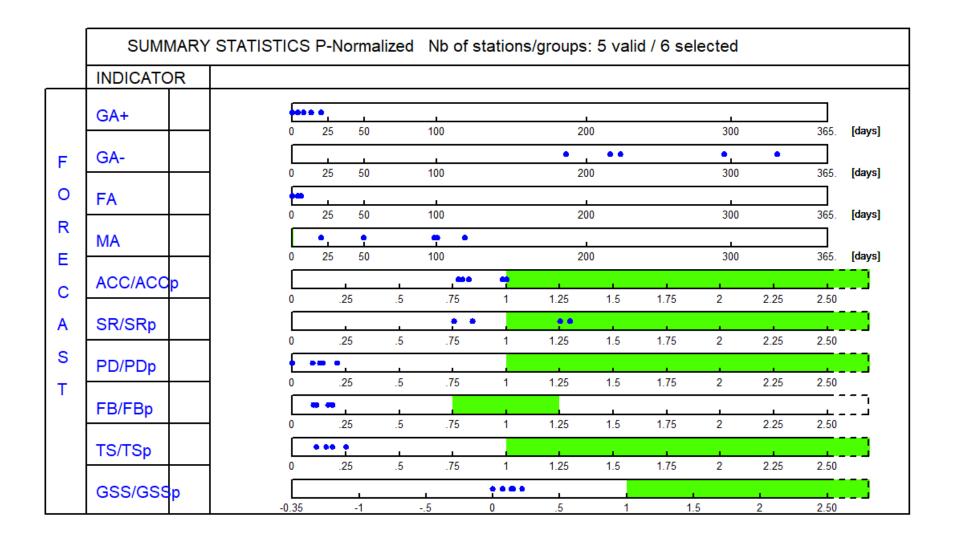


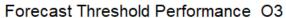


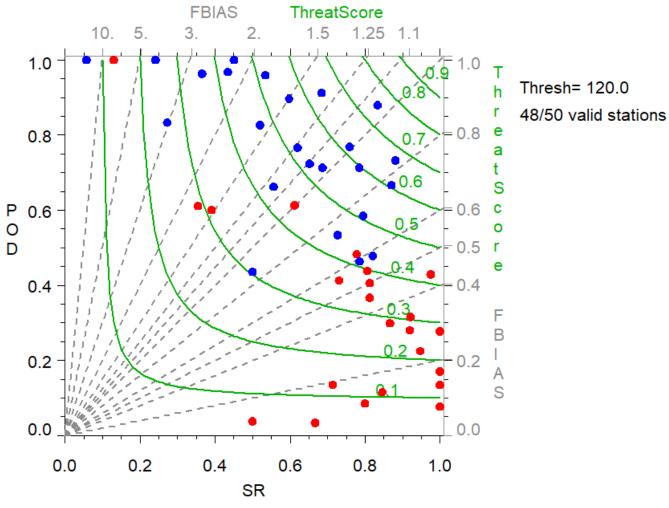




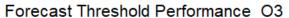


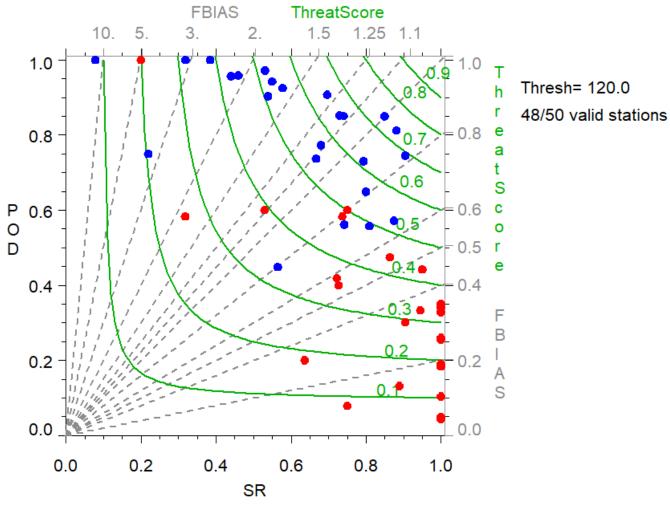






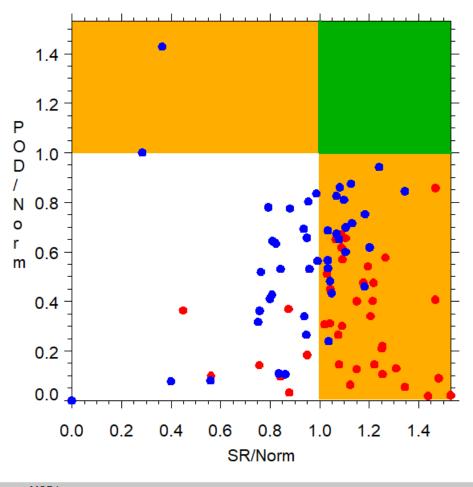
MOD1 MOD2 Strt/end Ind: 1-8760 Parameter: O3 Scen: 2005 Extra Values: 120 Season: Year Day hours: All 24h Time Average: 8h Daily stats: Max





MOD1 MOD2 Strt/end Ind: 1-8760 Parameter: O3 Scen: 2005 Extra Values: 120 Season: Summer Day hours: All 24h Time Average: 8h Daily stats: Max

#### Forecast Threshold Performance Normalized PM10



Forecast\_Horiz= 0

Thresh= 50.0

MPI\_(POD/PODp)= 0.0855714

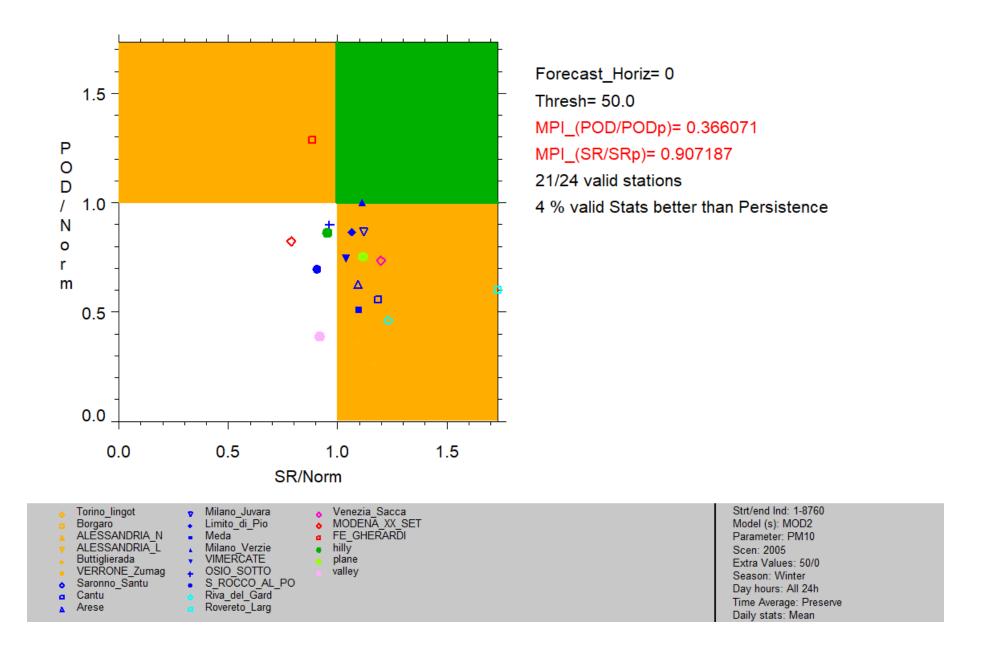
MPI\_(SR/SRp)= 0.755419

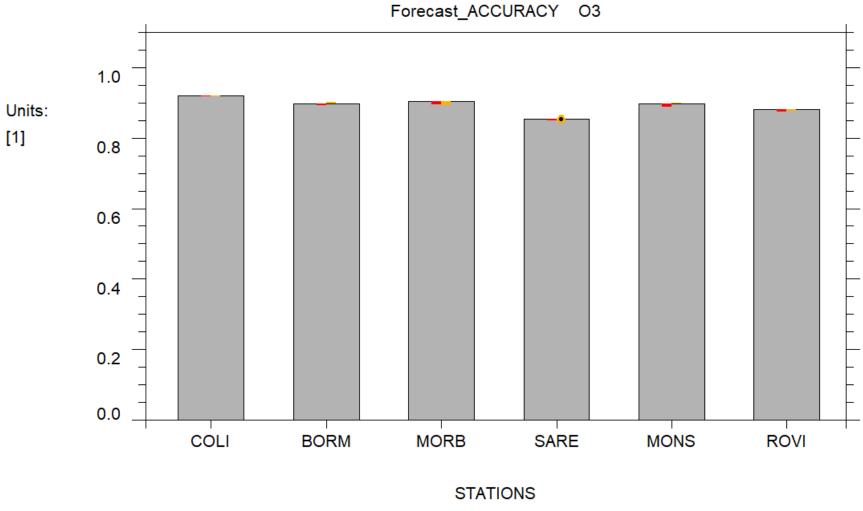
86/96 valid stations

0 % valid Stats better than Persistence

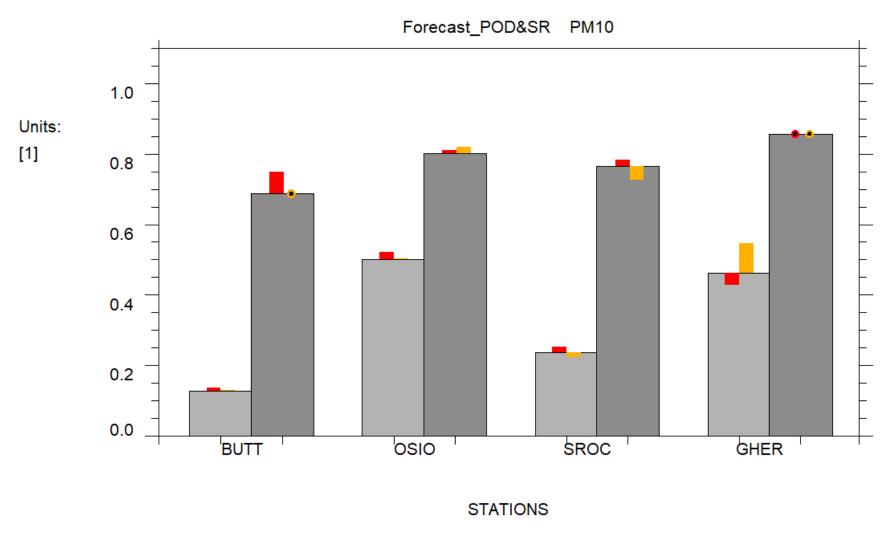
MOD1 MOD2 Strt/end Ind: 1-8760
Parameter: PM10
Scen: 2005
Extra Values: 50/0
Season: Year
Day hours: All 24h
Time Average: Preserve
Daily stats: Mean

#### Forecast Threshold Performance Normalized PM10

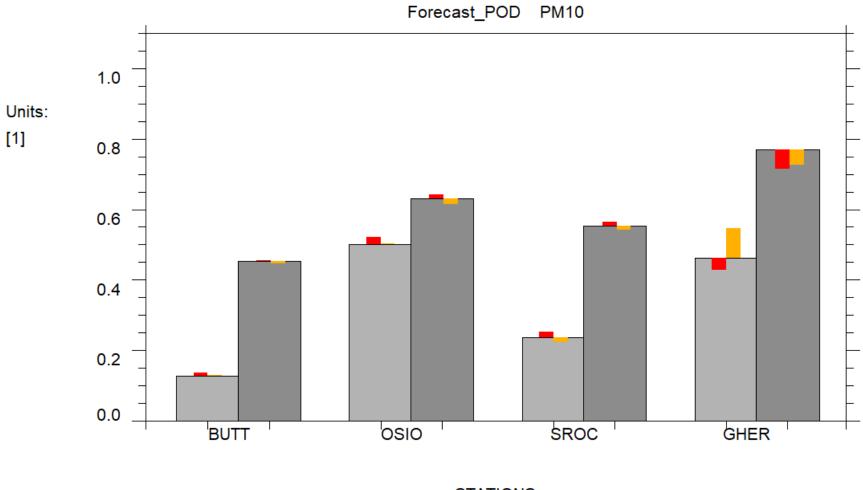












#### **STATIONS**



