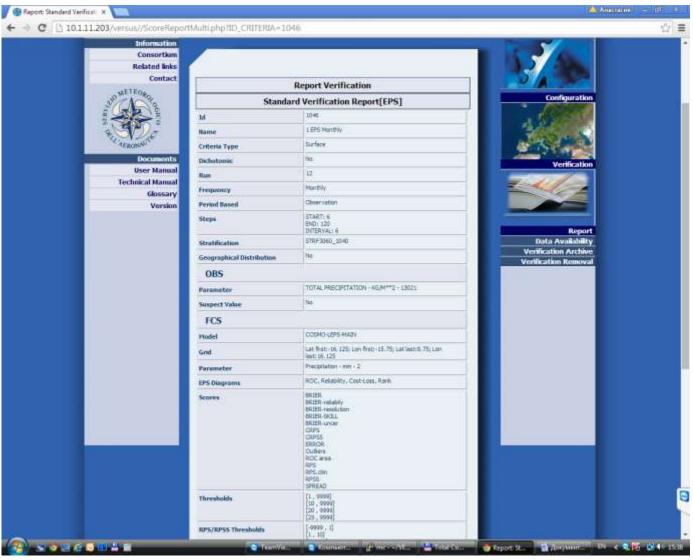
EPS tests at RHM (VERSUS versions 4.2 and 4.1)

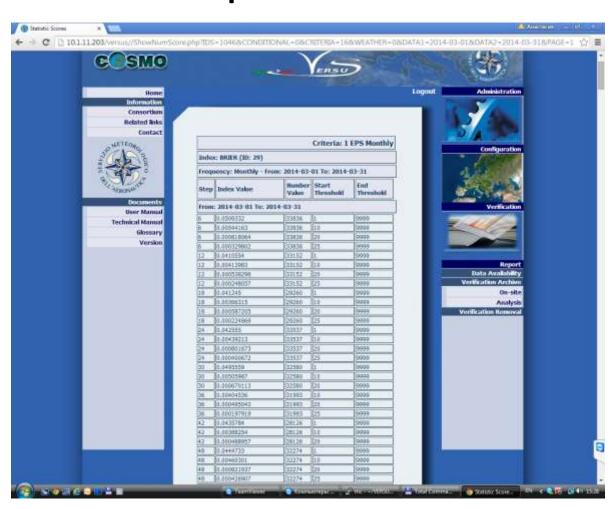
<u>Anastasia Bundel</u>, Alexander Kirsanov, Mikhail Zaychenko

COSMO GM 2015

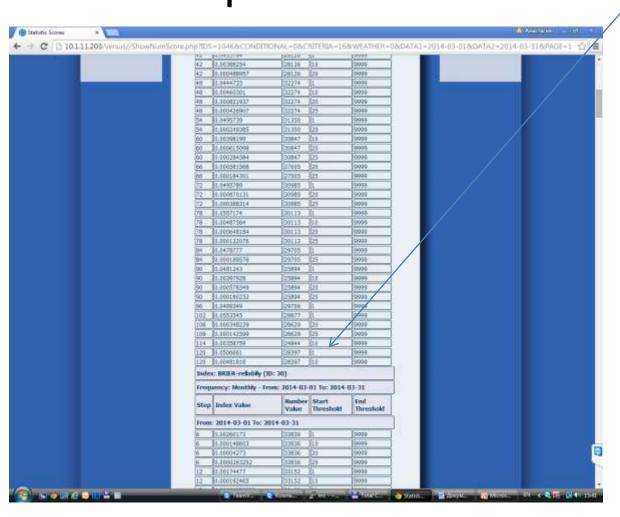
Observation-based verification with a month of CLEPS data created in VERSUS 4.1, rerun in 4.2



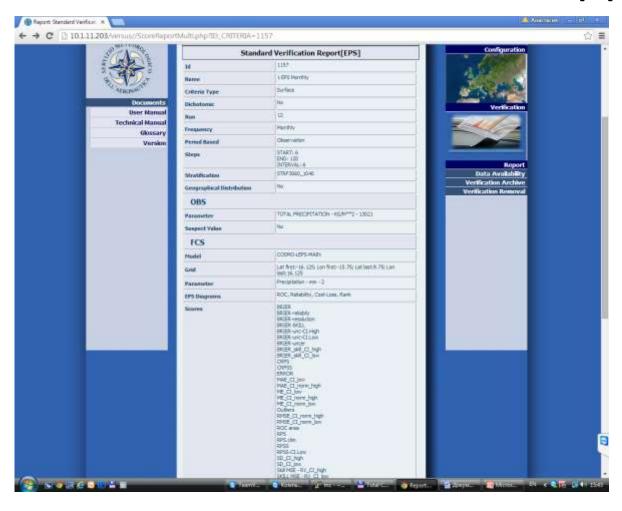
At the beginning, all the thresolds ar present



Cont. Still not all the thresholds are present



The same verification reconfigured in VERSUS 4.2, Cls appeared



Some CIs names are wrong (because we hadn't deleted existing indices with the same ID numbers (100-117) before installing 4.2)

But many thresholds are missing!



Version 4.1

Version 4.2

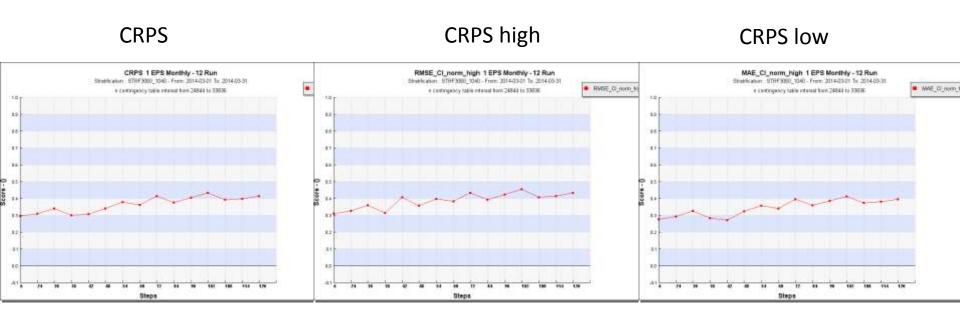
			Criteria: 1	EPS Monthly
Index	c: BRIER (ID: 29)			
Frequ	iency: Monthly - Fr	om: 2014-03-	01 To: 2014-	03-31
Step	Index Value	Number Value	Start Threshold	End Threshold
From	: 2014-03-01 To: 2	014-03-31		
6	0.0509332	33836	1	9999
6	0.00544163	33836	10	9999
6	0.000818064	33836	20 _	9999
6	0.000329802	33836	25	9999
12	0.0410554	33152	1	9999
12	0.00413983	33152	10	9999
12	0.000538296	33152	20	9999
12	0.000248057	33152	25	9999
18	0.041245	29260	1	9999
18	0.00366315	29260	10	9999
18	0.000587205	29260	20	9999
18	0.000224869	29260	25	9999
24	0.042555	33537	1	9999
24	0.00439213	33537	10	9999
24	0.000801673	33537	20	9999
24	0.000400672	33537	25	9999
30	0.0495559	32580	1	9999
30	0.00505987	32580	10	9999
30	0.000670113	32580	20	9999
36	0.00404536	31993	10	9999
36	0.000495043	31993	20	9999
36	0.000197919	31993	25	9999
42	0.0435784	28126	1	9999
40	0.00000054	20425	4.0	2222

Criteria: 1 EPS Monthl								
Index	Index: BRIER (ID: 29)							
Frequ	ency: Monthly - Fr	rom: 2014-03-01	l To: 2014-03	3-31				
Step	Index Value	Number Value	Start Threshold	End Threshold				
From: 2014-03-01 To: 2014-03-31								
	0.000818064	33836	20/	9999				
6	0.000818064	33836 33537	20/1	9999				
6 24			20 <u>/</u>					
6 24 30	0.042555	33537	20 _A	9999				
6 24 30 30	0.042555 0.0495559	33537 32580	1/ /i	9999				
6	0.042555 0.0495559 0.000231174	33537 32580 32580	1/ /1 /25	9999 9999 9999				

Where are other thresholds?..

CRPS with CIs

The names are wrong (because we hadn't deleted existing indices with the same ID numbers (100-117) before installing 4.2), but the values look correct.



I couldn't change the scale!

Forecast based verification

The thresholds are also missing!

Night cycle

 It's the only verification where ALL the thresholds are present!



Questions

- Why do we have some thresholds missing?
- Why the night-cycle verification is OK?
 (It was the same in 4.1)
- Further testing is needed