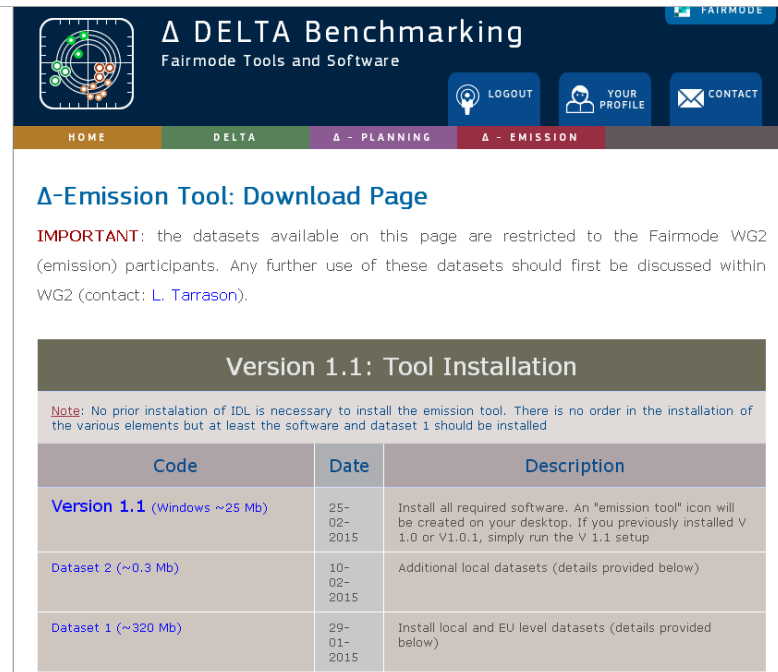


The Benchmark Emission Tool

The experience of UA



The screenshot shows the 'DELTA Benchmarking' website interface. The header includes the logo, navigation menu (HOME, DELTA, Δ - PLANNING, Δ - EMISSION), and user options (LOGOUT, YOUR PROFILE, CONTACT). The main content area is titled 'Δ-Emission Tool: Download Page' and contains an important notice about dataset restrictions. Below the notice is a table titled 'Version 1.1: Tool Installation' with columns for Code, Date, and Description.

Δ-Emission Tool: Download Page

IMPORTANT: the datasets available on this page are restricted to the Fairmode WG2 (emission) participants. Any further use of these datasets should first be discussed within WG2 (contact: [L. Tarrason](#)).

Version 1.1: Tool Installation		
Code	Date	Description
Version 1.1 (Windows ~25 Mb)	25-02-2015	Install all required software. An "emission tool" icon will be created on your desktop. If you previously installed V 1.0 or V1.0.1, simply run the V 1.1 setup
Dataset 2 (~0.3 Mb)	10-02-2015	Additional local datasets (details provided below)
Dataset 1 (~320 Mb)	29-01-2015	Install local and EU level datasets (details provided below)



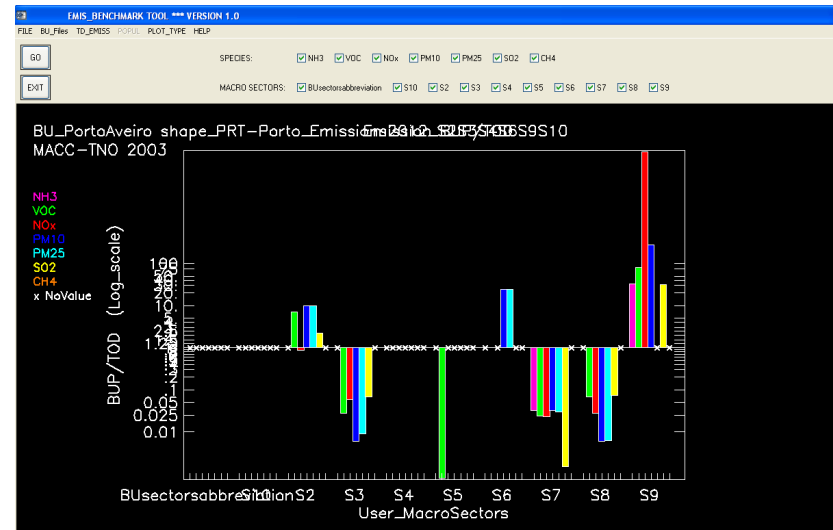
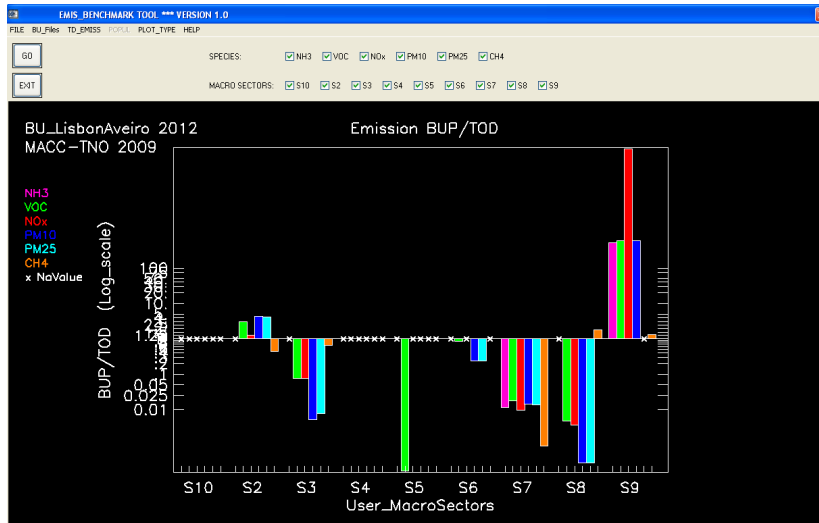
Helena Martins
Alexandra Monteiro
Ana Isabel Miranda

Ratio of BUP/TOD Emissions (TD_BU_Bar)

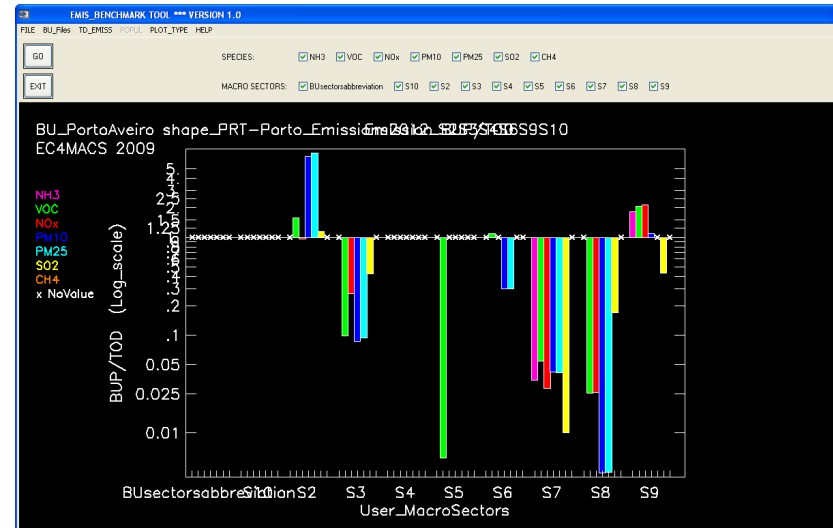
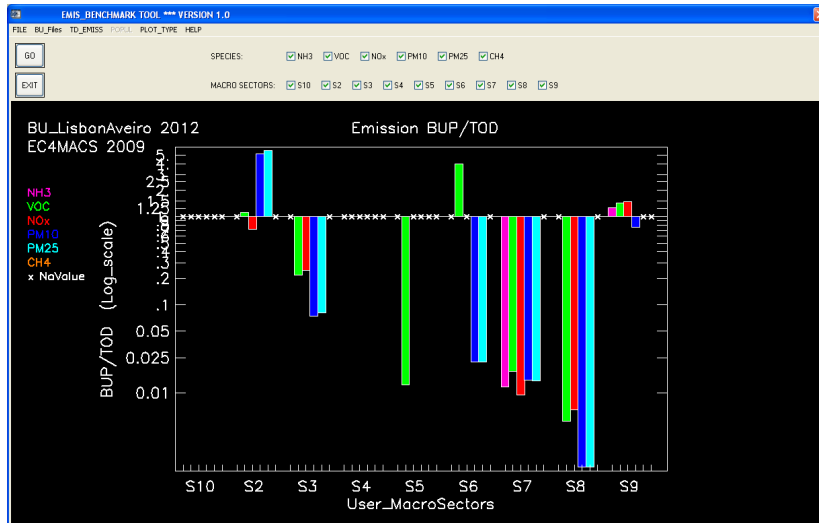
LISBON

PORTO

MACC



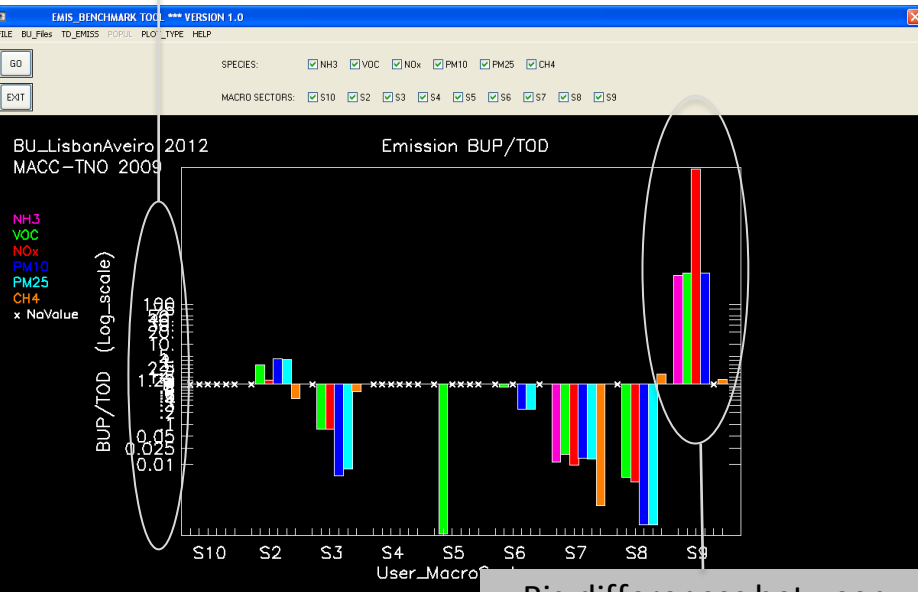
EC4MACS



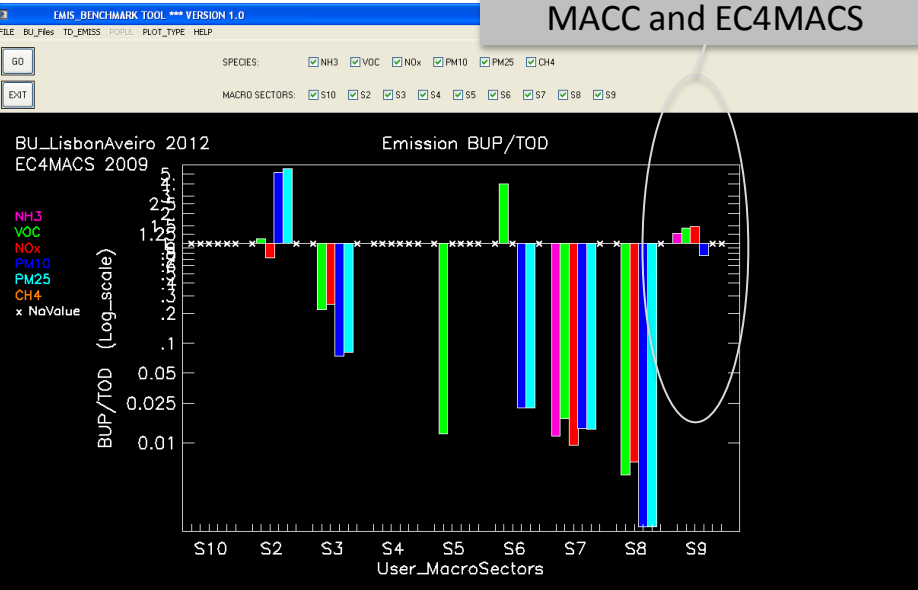
Legend of Y axis not visible and appropriate

Ratio of BUP/TOD Emissions (TD_BU_Bar)

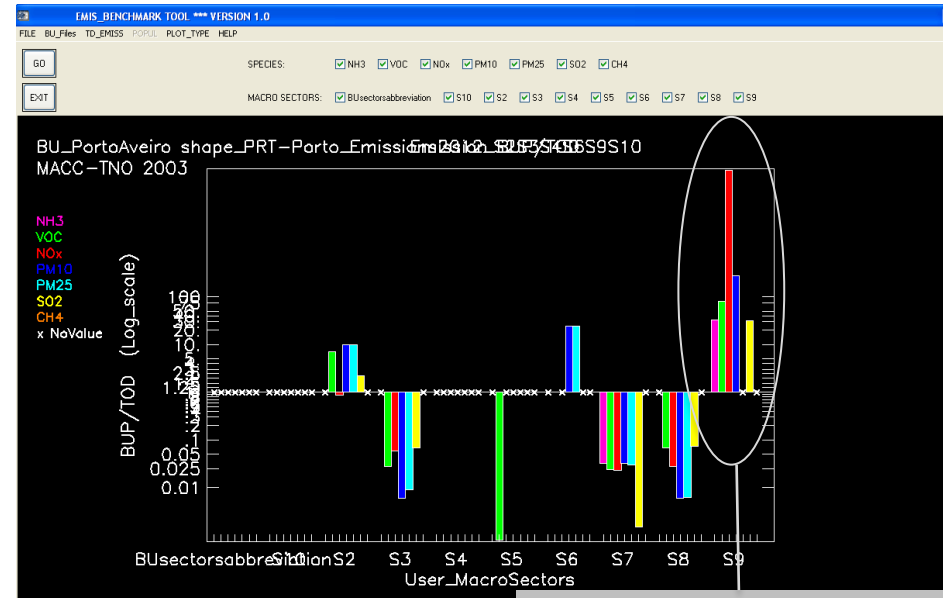
LISBON



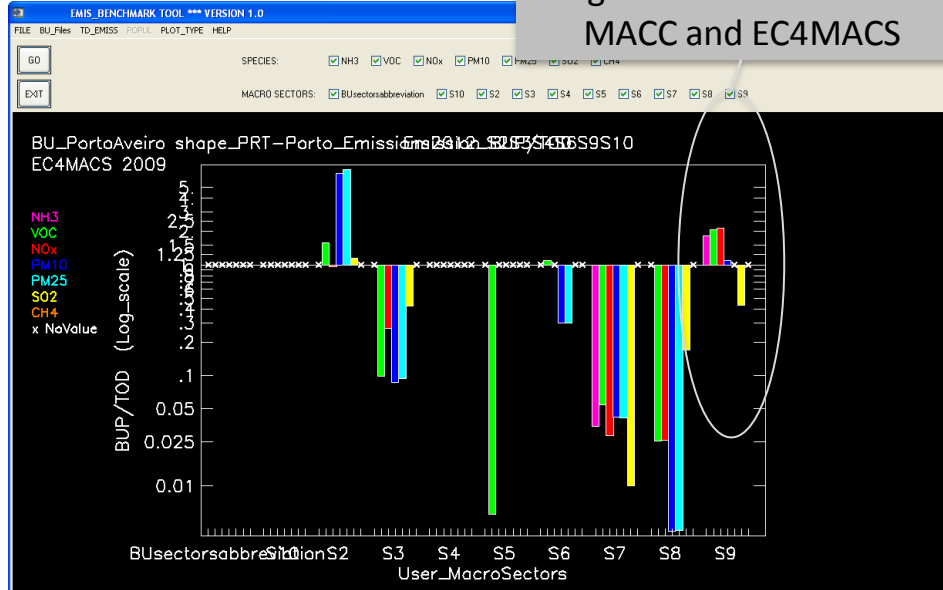
Big differences between MACC and EC4MACS



PORTO



Big differences between MACC and EC4MACS



Ratio Pol1/Pol2 (TD_BU_Ratio)

LISBON

EMIS_BENCHMARK TOOL *** VERSION 1.0

FILE BU_Files TD_EMISS POPUL PLOT_TYPE HELP

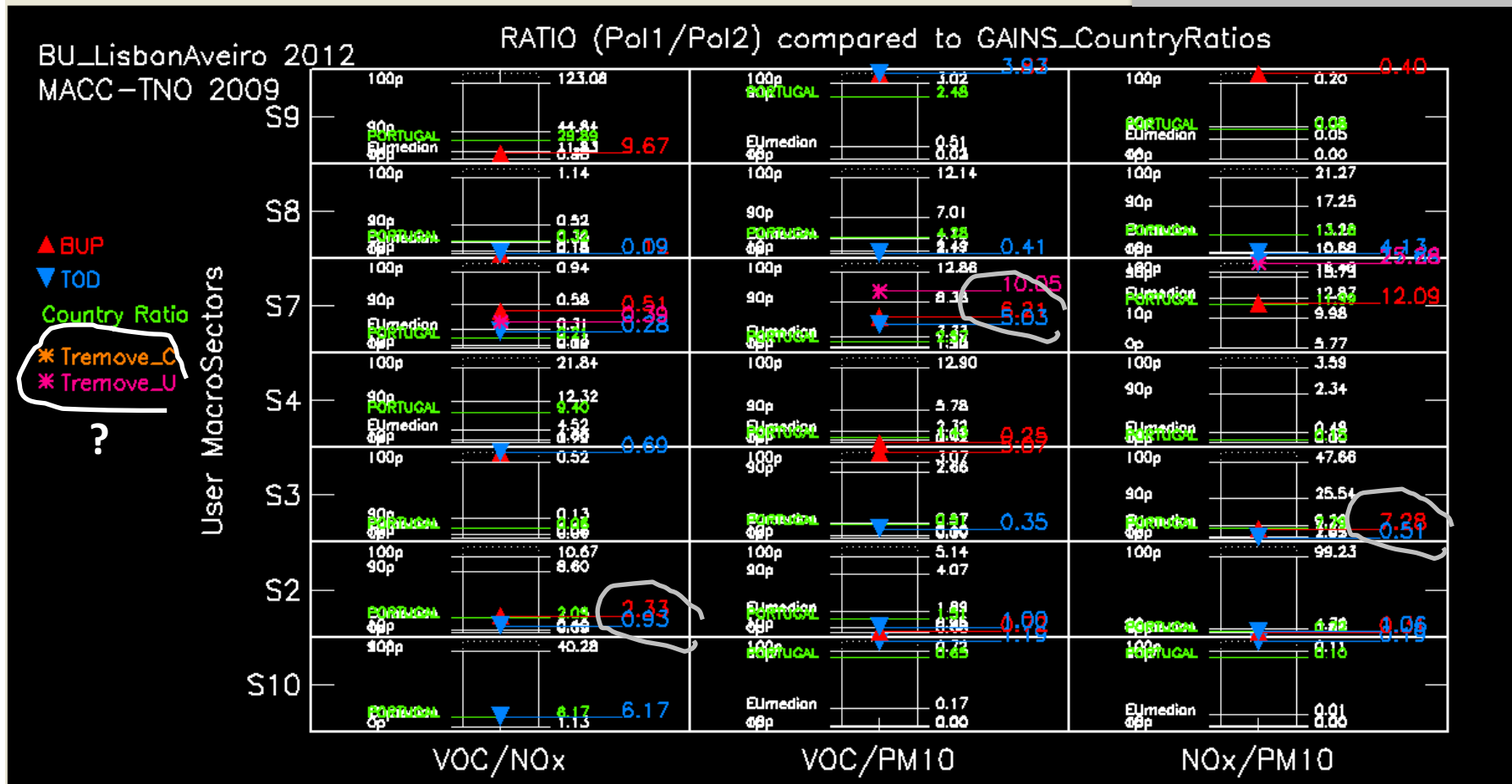
GO

EXIT

SPECIES: NH3 VOC NOx PM10 PM25 CH4

MACRO SECTORS: S10 S2 S3 S4 S5 S6 S7 S8 S9

The use of the range makes it difficult to compare BUO and TOD ratios!

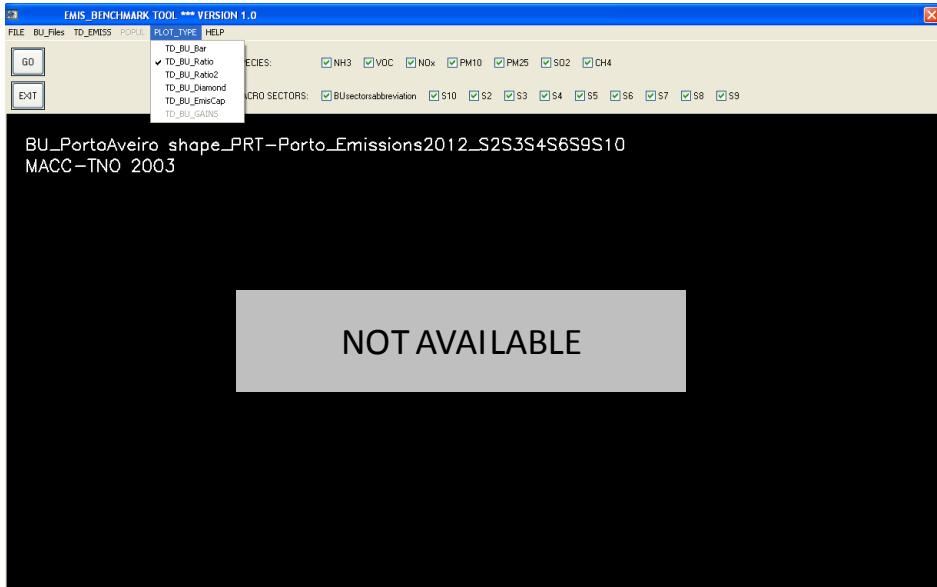
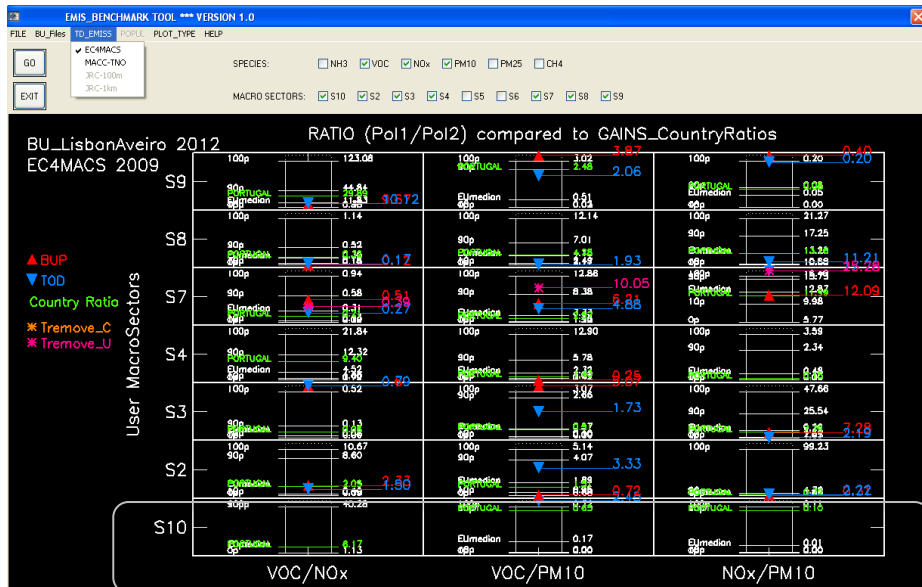
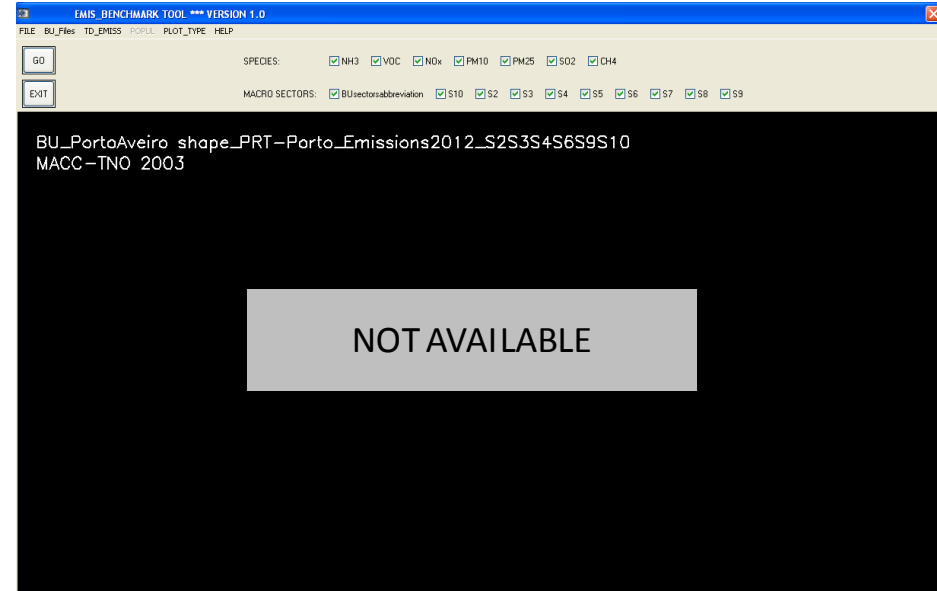
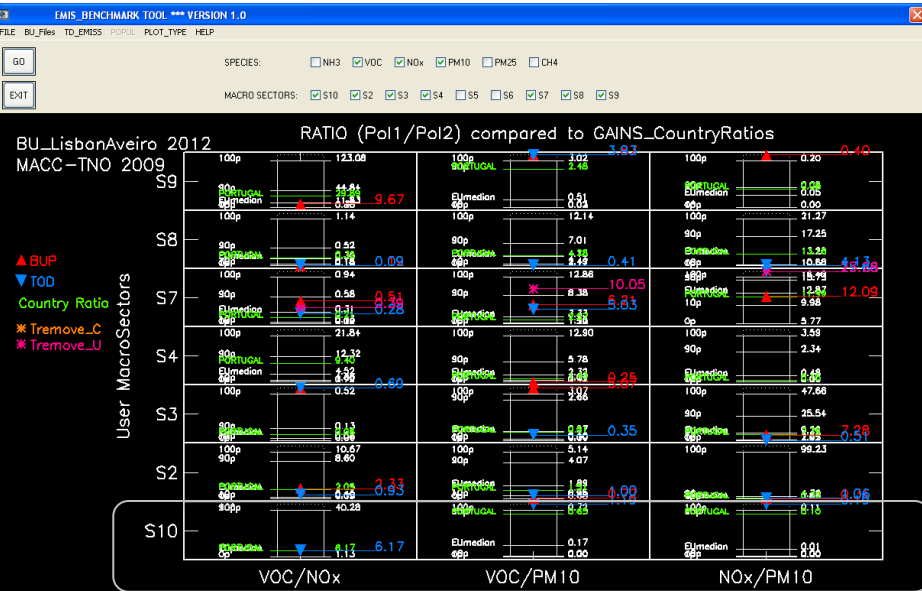


Ratio Pol1/Pol2 (TD_BU_Ratio)

If no BUP for S10, maybe this option should be offline

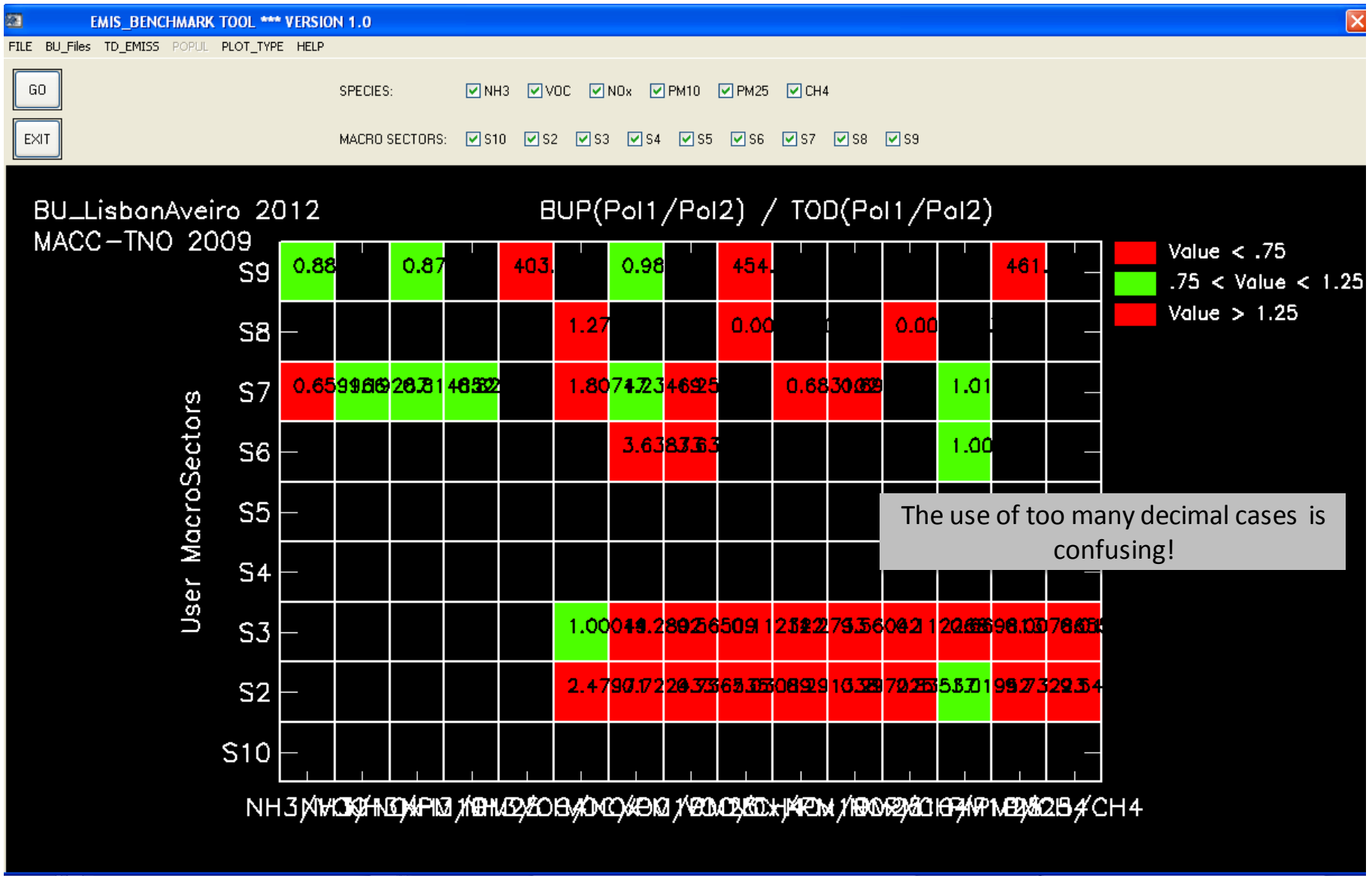
LISBON

PORTO



Ratio of ratios (TD_BU_Ratio2)

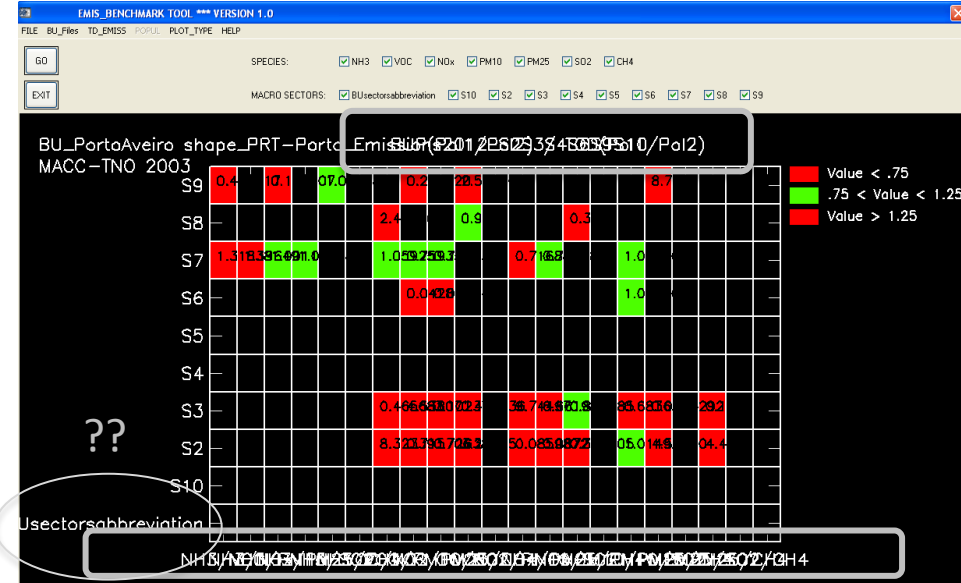
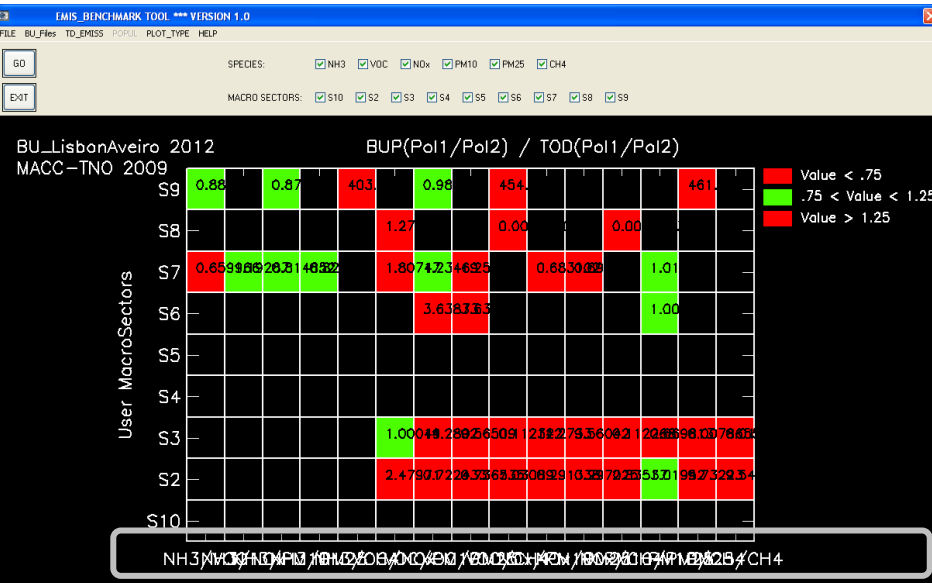
LISBON



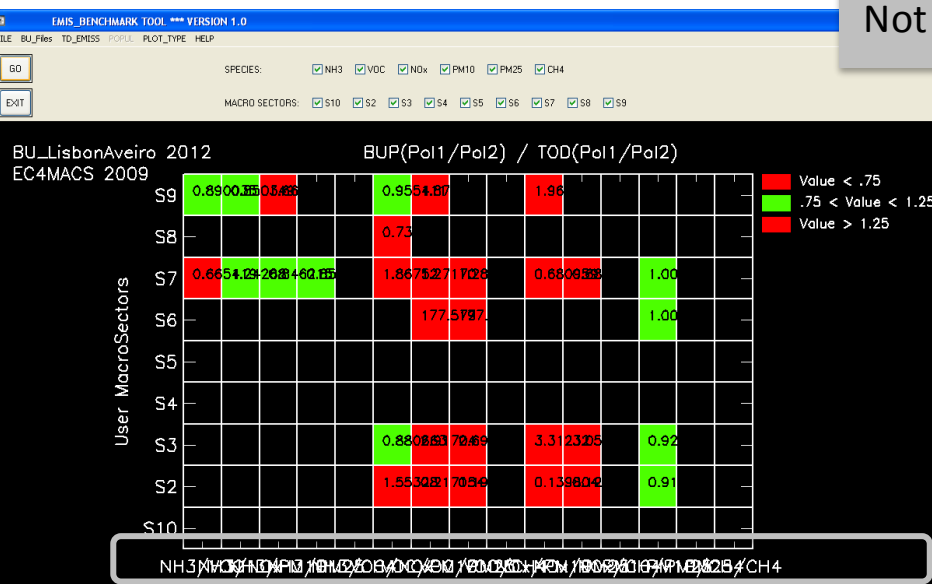
Ratio of ratios (TD_BU_Ratio2)

LISBON

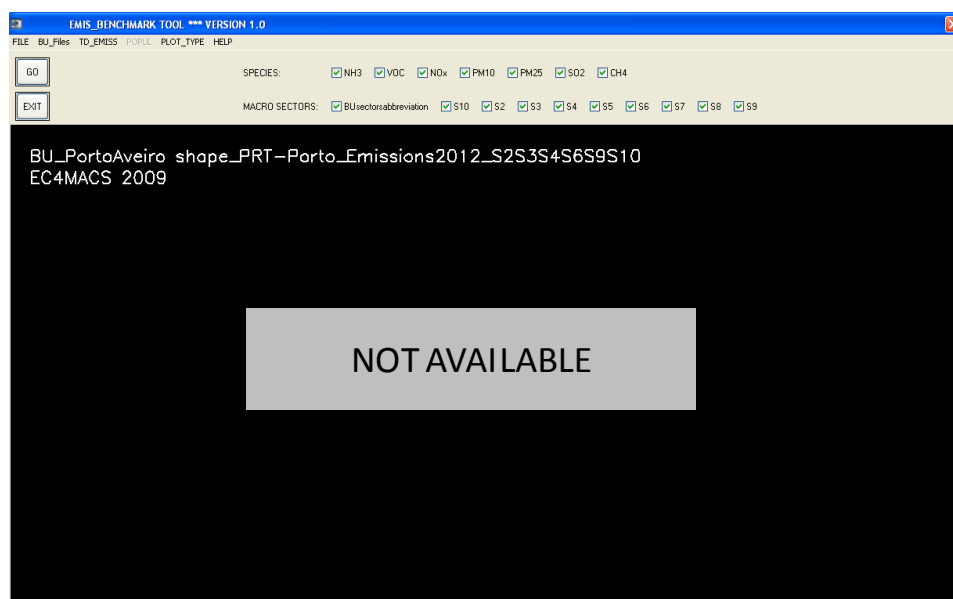
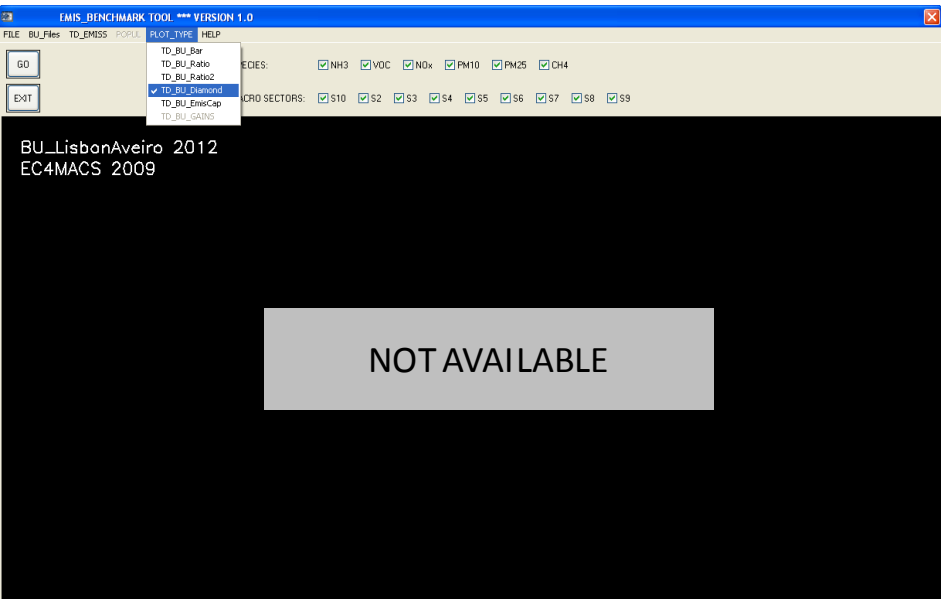
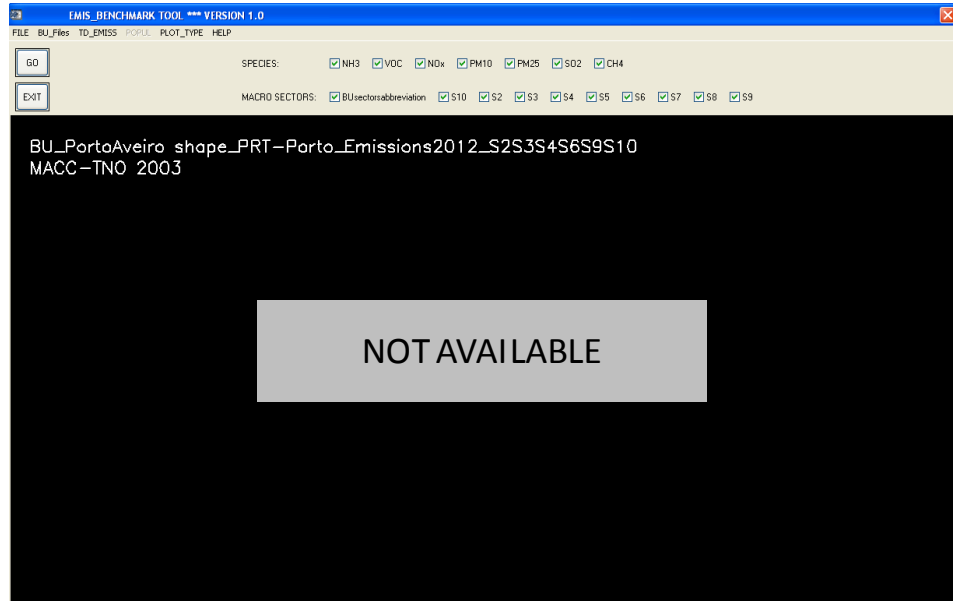
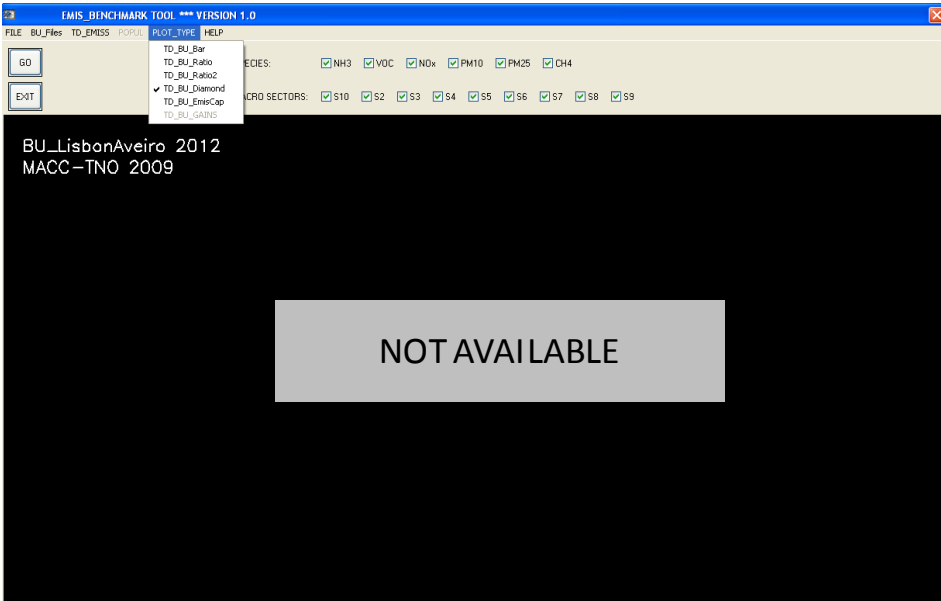
PORTO



Not visible



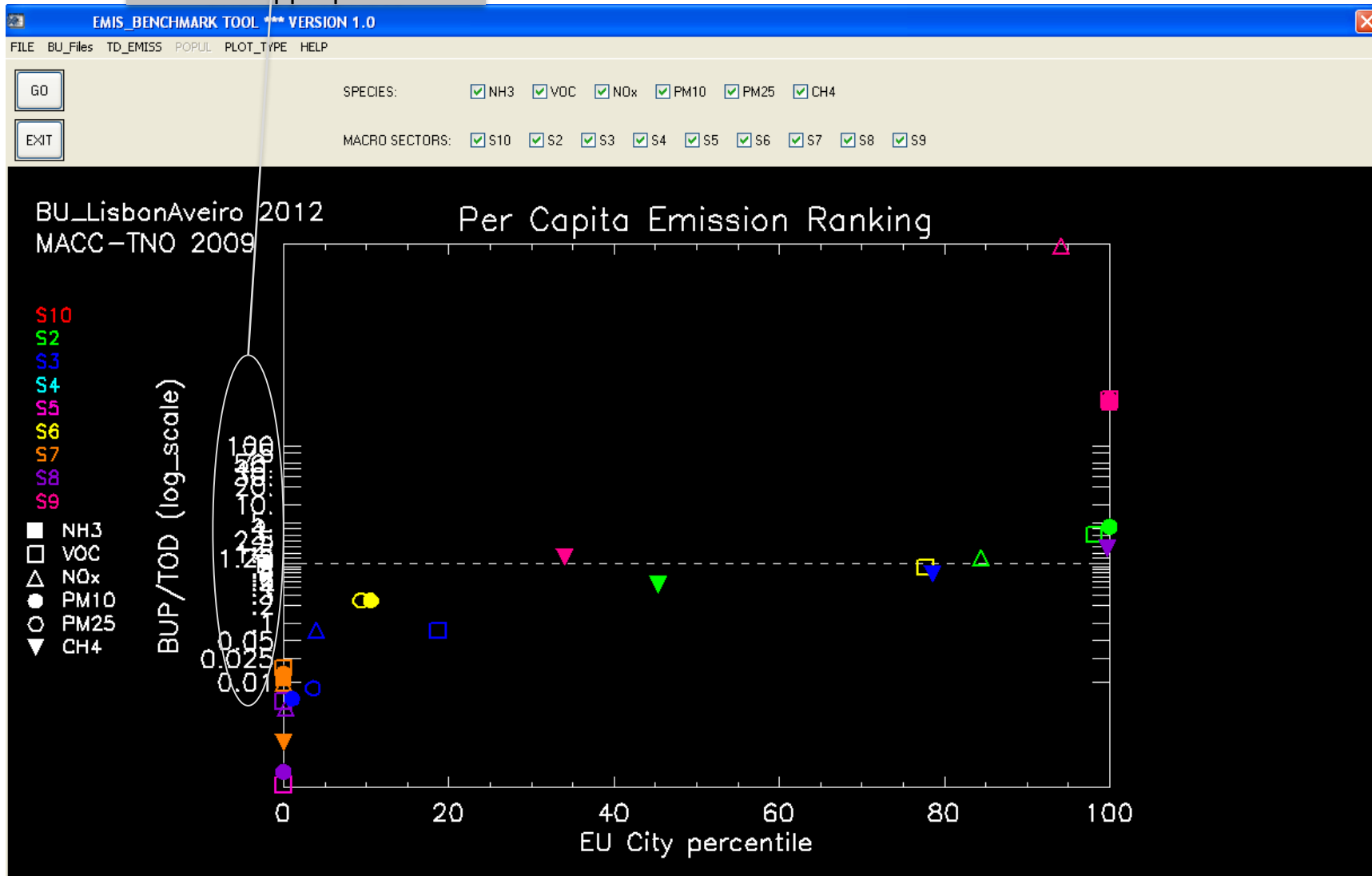
Activity vs. Emission factor diagram (TD_BU_Diamond)



Ratio of percapita emissions (TD_BU_EMIS_CAP)

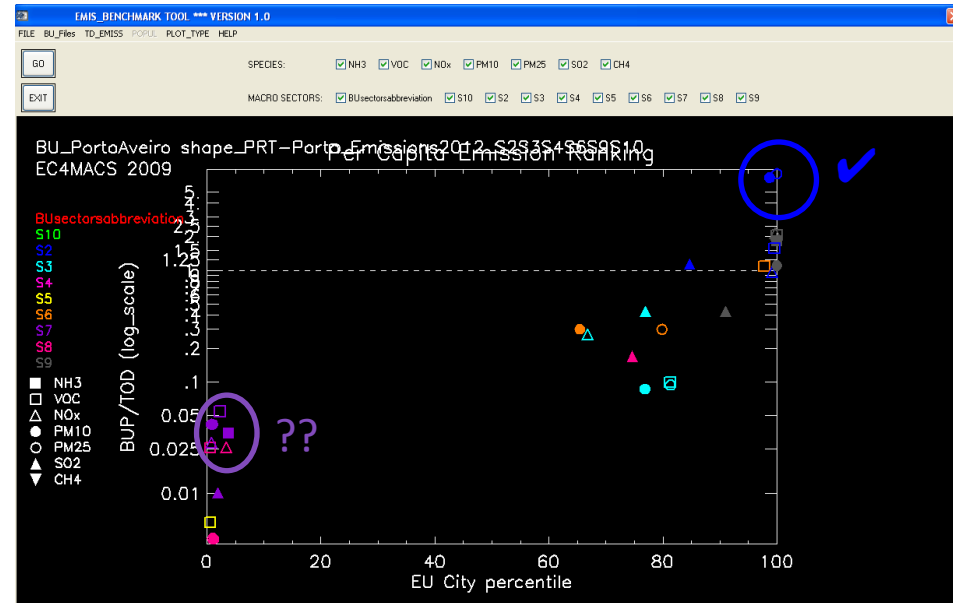
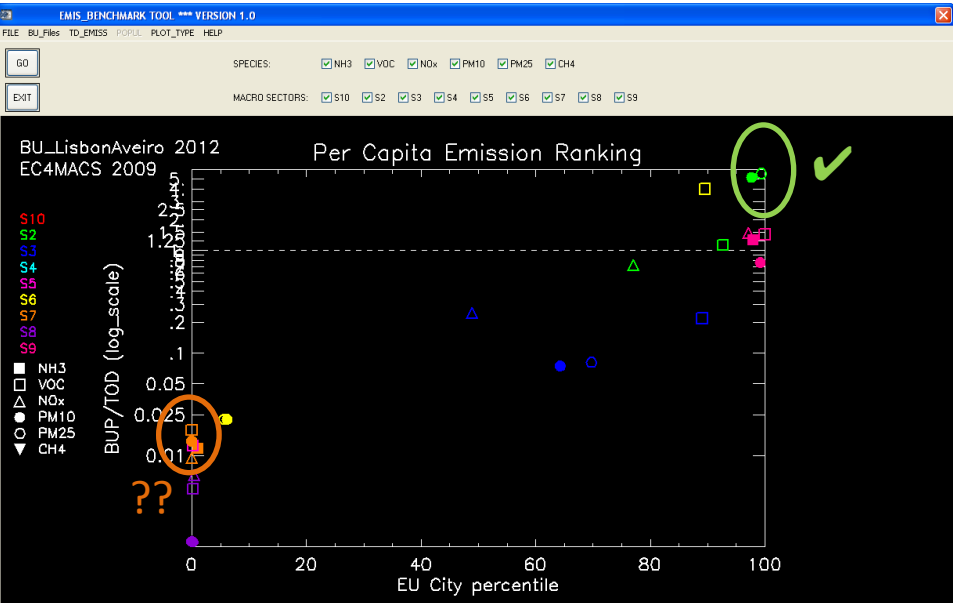
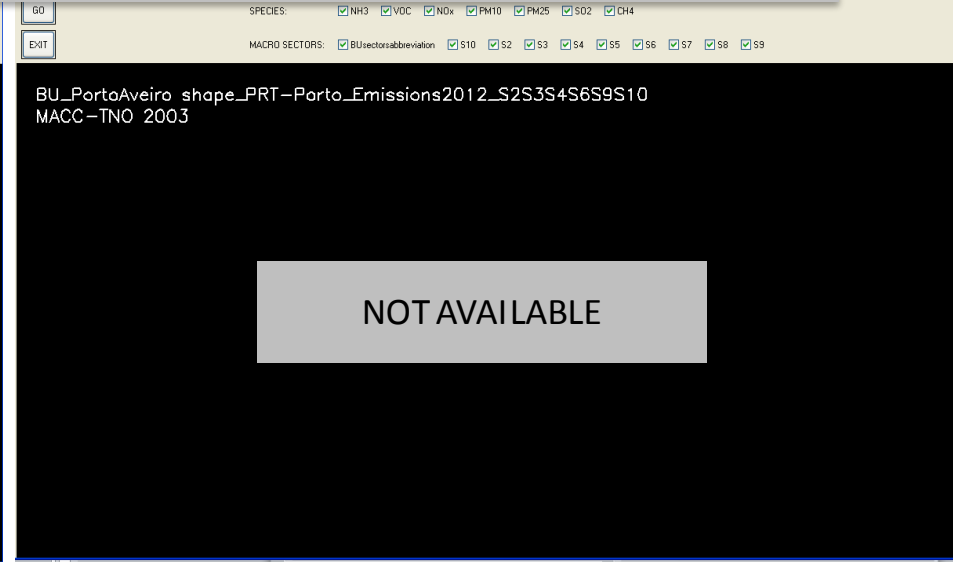
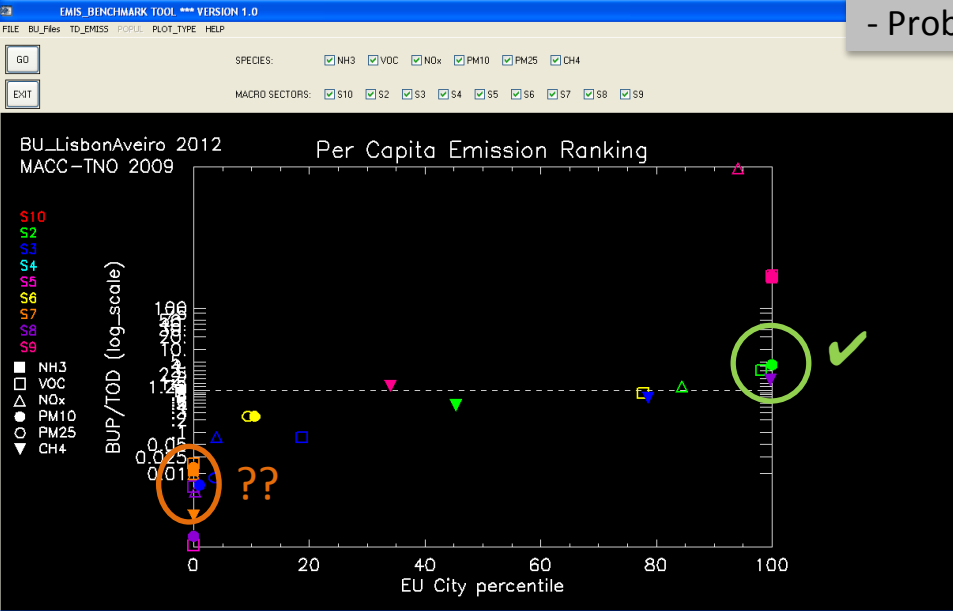
LISBON

Legend of Y axis not visible
and appropriate



Ratio of percapita emissions (TD_BU_EMIS_CAP)

- Why different snap colors for different cities?
- Problems/errors on S7 for BUP Lisbon and Porto



Comments/questions

- > what is the maximum spatial resolution acceptable?
- > not clear about how region/city percentiles are determined
- > is the name “BUP” the most adequate? Some of the emission data reported are from TOD approaches...