

***Interactive comment on “The 1-way on-line coupled atmospheric chemistry model system MECO(n) – Part 3: Meteorological evaluation of the on-line coupled system” by C. Hofmann et al.***

**Anonymous Referee #1**

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General comments: The paper is a technical report, nearly a kind of test report. That's why I had some hesitation first to accept it as a paper in this journal. However, it is part 3 of a series of papers concerning the testing of MECO(n), and in this way it is an essential element of the documentation. Specific comments: The paper describes the modelling, with different models, of-line and on-line and different set-ups of three-complicated-meteorological episodes. The Figure 1 gives an overview of the paper, and is needed to use next to the text to understand and follow the different model set-ups. Still, it is complicated to understand the detailed differences in the different model runs. I would like to recommend that the authors make an attempt to create a more clear structure in the paper. My suggestion is that the use of more sub-paragraphs, with

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clear titles/headings might help. Technical comment: The only comment I have is on page 1542, line 27, 28, 29 are not clear to me. What is meant by "an usual COSMO". Should it be "as a usual COSMO" ?

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