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8, C324–C325, 2015

Interactive Comment

## Interactive comment on "CO<sub>2</sub>-flux measurements above the Baltic Sea at two heights: flux gradients in the surface layer" by A. Lammert and F. Ament

## A. Lammert and F. Ament

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Received and published: 27 September 2015

Dear Reviewer, Thank you for your comments and suggestion.

1.) We have tried to characterize the cases with significant differences in CO2 flux in more detail. Unfortunately we haven't found a clear signal in dependence to wind direction, season or stability.

Due to your suggestions and those of the other reviewer we have decided to concentrate more on the experiment and the measurements itself in this paper. The more detailed analyses and interpretation will be published in an additional paper.

Figure 4: Sorry, we couldn't reproduce the problem, maybe meanwhile it is solved.



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Interactive Discussion

**Discussion Paper** 



Minor comments: Thank you very much for your comments. We have included all corrections.

Please find the new version attached.

Please also note the supplement to this comment: http://www.earth-syst-sci-data-discuss.net/8/C324/2015/essdd-8-C324-2015supplement.pdf

Interactive comment on Earth Syst. Sci. Data Discuss., 8, 587, 2015.

## **ESSDD**

8, C324-C325, 2015

Interactive Comment

Full Screen / Esc

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Interactive Discussion

**Discussion Paper** 

