

All modifications are marked in blue in the revised text.

The term 'independent' (inverse modeling systems) has been left out (abstract, conclusions).

The emission numbers reported by EU-15/EU-28 have been updated (based on [EEA, 2014]).

The term 'flask sampling site' has been changed to 'discrete air sampling site'

The reference 'Miller et al., 2013' has been added in introduction

The use of daytime / nighttime measurements in the inversions is now explained in more detail (section 3.1).

The requested reference of the methyl chloroform measurements has been added (section 3.2.2).

We included a statement about the usefulness to include more models in future studies (-> conclusions).

The reference 'Thompson et al., 2014' has been updated.

All further small editorial changes / corrections suggested by the 2 reviewers were included.