Manuscript reference: GMD-2018-48

Title*: Evaluation of iterative Kalman smoother schemes for multi-decadal past

climate analysis with comprehensive Earth system models

Date: 21/11/2018

*Modified from the discussion paper

General Response to Editor

Dear Editor,

In response to the requested technical corrections, we are uploading a revised manuscript. As requested, the new manuscript has new colour scales for figures, and a revised 'code availability' section. Our software for the manuscript is now freely available subject to open source licenses via Github. It is composed of four different pieces of software, and their corresponding DOIs have been obtained via Zenodo. Code DOIs are now also included as additional references. Also, we have found and corrected a few remaining grammar errors.

As in the previous version, the latex compiler only indicates correct labelling of Figures and Tables if these are placed in line at the end of the document, before the appendices, as we have done.

Best regards,

Javier García-Pintado, and André Paul