

## Author's response to Editor comments

(1) Python version 2.7 has been deprecated. Typically, migrating to Python 3 is painless, so I suggest you upgrade your code to work on Python 3 as well.

The migration to Python 3 was already on our to-do list. The updated code is now available at Zenodo: (<https://doi.org/10.5281/zenodo.4486984>). We also updated respective DIO in the manuscript.

(2) There are precompiled libraries (e.g. MODEL\_SRC/sparse\_approximate\_inverse.so) that cannot be used on other operating systems (like Mac OS X). Please provide a code base that allows to recompile those so the code can be used.

The description on how to precompile some code snippets was still missing in the Readme file. We included this part. In order to do so, the Python package Cython needs to be installed first. Afterwards, please enter the folder `./MODEL_SRC/` and execute the script `compile_clibs.sh`. This procedure should work also on MAC OS X.

(3) Your code base on Zenodo contains git folders referencing your repository, you might want to remove these.

Thank you for this hint. We removed superfluous folders and files.

We hope that with these additional instructions it is possible to painlessly run a test example of our code.

In Figure 2a) axis labels were still missing. We resolved that. There are no further changes to the previously accepted manuscript.