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Interactive comment on "Evaluation of polar stratospheric clouds in the global chemistry-climate model SOCOLv3.1 by comparison with CALIPSO spaceborne lidar measurements" *by* Michael Steiner et al.

Michael Steiner et al.

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Reply to interactive comment by Astrid Kerkweg

Dear Dr. Kerkweg,

we fully understand the point that a permanent landing page allows for updating the contact information for the model source code, while this is not possible in a published paper.

Therefore, we have included the contact information for the SOCOLv3.1 model code to the zenodo repository (http://doi.org/10.5281/zenodo.4094663) and changed the code availability section accordingly. It now reads:

"Since the full SOCOLv3.1 code is based on ECHAM5, users must first sign the ECHAM5 license agreement before accessing the SOCOLv3.1 code (http://www.mpimet.mpg.de/en/science/models/license/, last access: 2020). Then the SOCOLv3.1 code is freely available. The contact information for the full SOCOLv3.1 code as well as the source code of the PSC module and the Mie and T-matrix scattering code are available at http://doi.org/10.5281/zenodo.4094663. ..."

We hope this fulfils the requirements.

Please note that in addition we uploaded two zip-archives including coefficients for the T-matrix calculations that were missing in the initial repository. Therefore, the doi has changed.

Best regards, Michael Steiner

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