Review of „**Technical Note: PaleoDataView - A software toolbox for the collection, homogenization and visualization of marine proxy data**" by Michael Langner and Stefan Mulitza

General comments:
PDV is an extremely useful software tool and provides multi-functionality for the collection, visualization and more of marine proxy data. PDV combines functionality of radiocarbon calibration (calib), tools like AnalySeries and age depth modeling (Bacon) under one hood. The interactivity and user-friendly operation are impressive. Additionally netCDF is used as a common standard file format to increase the re-usability and collaboration. Thus, PDV gives a significant added value for the analysis of proxy data compared to the hitherto used approaches.
The paper is well written and structured and clearly elucidates what PDV is, what it can do and for whom it is developed.
It is open source, can be operated on Windows and Mac and additionally a detailed user guide exists.
I definitely recommend the publication of the paper in CP to reach a wide audience of potential users.

I have some general comments, not meant as critics, but rather as a kind of wishlist or stimulations for future versions or activities:

1. The Bacon age model is included, which is nice. Although, it is one of the today's mostly used Bayesian age models, classical age models are still valuable and used. Thus the incorporation of more age depth models would be useful.
2. A Linux version would be very appreciated, especially because it is possible with C++ and Qt.
3. NetCDF is perfect as a data exchange format for collaborative work. However today collaborative work has reached a higher dimension with e.g. GoogleDocs or JupyterNotebooks for online collaborative working in real time. Are there any plans for an online version of PDV for collaborative working?
4. Furthermore, JuypterNotebooks can be shared and provide the full environment with all settings, code, docs, images etc. What about PDV, ok I can share the netCDF file, but is it possible to share the state of PDV, which includes the look of the GUI, the zoom factors and everything to continue the work of my colleague?
5. Programs like ODV provide the history of all actions applied to the data, which is e.g. important for quality control (flagging). Does PDV provide the history of the dataset, e.g. which QC flags have been changed etc.?
6. The "Motivation" states that spatio-temporal analyses are of interest. Is it planned to implement a functionality that creates spatially interpolated age slices?

Specific comments:
1. I would suggest to shift the sentence on „Code availability" (page 5, line 30) directly to the end of the abstract. Interested users can then immediately download the software. Additionally, the information on the existing user guide is extremely helpful.

Technical corrections:
1. Use consistently dataset or data set and database or data base