

Rebuttal letter

Manuscript: The first pan-Alpine surface-gravity database, a modern compilation that crosses frontiers

By P. Zahorec et al.

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Dear Topical Editor Christian Voigt,

Thank you for sending your technical notes and suggestion. I followed strictly your suggestions. In detail I corrected:

1. LL. 178-179: Better remove the statement on not using SI unit but mGal instead from page 7 to a footnote of the first mentioning in the abstract.

DONE

2. LL. 59-61 and LL. 865-871: The paragraph on the DOI publication has to be rewritten for final publication.

After conversation with Dr. K. Elger I replaced the corresponding text passages by:

“The data are published with the DOI <https://doi.org/10.5880/fidgeo.2020.045> (Zahorec et al., 2021) via GFZ Data Services.”

3. L. 256, L. 1300, L. 1397: arcsec or " (instead of sec).

DONE

4. L. 288, L. 1117, L. 1178, L. 1250: topographic (instead of topographical) maps.

Done

5. L. 355: Figure 8: histogram not readable (to be enlarged).

DONE

On behalf of all co-authors I was working on the final revision of the manuscript along all suggestions of TE Christian Voigt and hope that this new database can be published now.

Once again, on behalf of the authors team I would like to thank our Topical Editor for his advice on improving the original manuscript and for his time invested.



H.-J. Götze

hajo.goetze@ifg.uni-kiel.de