



Accurate equilibrium Δ_{47} - Δ_{48} values in bivalves despite bulk differences in inner layer

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Supplementary Information

The Supplementary Information includes:

- Tables S-1 to S-7
- Supplementary Information References

Supplementary Tables

Table S-1 Metadata on samples plus clumped isotope measurement results.

Table S-2 *Arctica islandica* (AI): Monthly mean water temperature measurements from Ingoy monitoring station at 5 m depth.

Table S-3 *Glycymeris bimaculata* (GB): Monthly mean water temperature measured at 3-4 m depth in Pag Bay, derived from daily water temperature measurements (daily measurements plotted in Fig. 4b).

Table S-4 *Senilia senilis* (SS): Monthly mean water temperature outputs for 2015-2022 from nearest interpolated 0.25-degree grid cell at depth bin 0 (0-10 m) from World Ocean Atlas 2023.

Table S-5 *Geloina erosa* (GE): Monthly mean water temperature outputs for 2005-2014 from nearest interpolated 0.25-degree grid cell at depth bin 0 (0-10 m) from World Ocean Atlas 2023.

Table S-6 Clumped isotope data output generated from D4xGUI for 34 analytical sessions used for standardisation with replicates aggregated at the sample level.

Table S-7 Raw clumped isotope replicate data input to D4xGUI from 34 analytical sessions used for standardisation.

Tables S-1 to S-5 and Tables S-6 and S-7 (xlsx) are available for download from the online version of this article at <https://doi.org/10.7185/geochemlet.2632>.

Supplementary Information References

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