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## Correction: A comprehensive approach for elucidating the interplay between $4f^{n+1}$ and $4f^n5d^1$ configurations in $\text{Ln}^{2+}$ complexes

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Correction for 'A comprehensive approach for elucidating the interplay between  $4f^{n+1}$  and  $4f^n5d^1$  configurations in  $\text{Ln}^{2+}$  complexes' by Maria J. Beltran-Leiva *et al.*, *Chem. Sci.*, 2025, 16, 2024–2033, <https://doi.org/10.1039/d4sc05438e>.

The original version of this manuscript contains an error in the caption for Table 1 as the incorrect computational method was referenced. The methodology given in the caption should be CASSCF/SO, rather than MC-pDFT.

The full corrected caption is as follows and replaces the original caption within the manuscript:

**Table 1** Ground state Natural Spin Orbital (NSO) occupations for  $\text{Ln}^{3+}$  free ions,  $\text{LnCp}_3$  and  $[\text{LnCp}_3]^-$  complexes from the CASSCF/SO calculations. The total angular momentum quantum number ( $J$ ) along with its predominant  $M_J$  are specified. In Fig. S5 a depiction of the f-orbitals and their labels are shown.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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