

Magn. Reson. Discuss., author comment AC1  
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## Reply on RC1

Lisanne Sellies et al.

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Author comment on "Determination of hydrogen exchange and relaxation parameters in PHIP complexes at micromolar concentrations" by Lisanne Sellies et al., Magn. Reson. Discuss., <https://doi.org/10.5194/mr-2021-23-AC1>, 2021

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We thank the reviewer for his positive evaluation of our manuscript. We have adjusted the figures following his comments.

For figure 1:

- font size has been adjusted,
- "hyperpolarization" stars have been removed to make the structure of the iridium complex more accessible,
- we have renamed the two hydrides (originally "H<sub>A</sub>" and "H<sub>X</sub>") as "H<sub>I</sub>" and "H<sub>S</sub>", for consistency with the spin operators used in figure 2,
- the structure of the co-substrate (mtz) has been added to the figure.

For figure 2:

- font size has been adjusted,
- pulses on H<sub>2</sub> are now explicitly displayed in (b),
- "J<sub>AX</sub>" has been renamed as "J<sub>IS</sub>" for consistency.