

Magn. Reson. Discuss., editor comment EC1
<https://doi.org/10.5194/mr-2021-46-EC1>, 2021
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Comment on mr-2021-46

Paul Schanda (Editor)

Editor comment on "Rapid measurement of heteronuclear transverse relaxation rates using non-uniformly sampled $R_{1\rho}$ accordion experiments" by Sven Wernersson et al., Magn. Reson. Discuss., <https://doi.org/10.5194/mr-2021-46-EC1>, 2021

This is a rigorous study that shall attract much interest in the NMR community. I am looking forward to the revised version that addresses the points raised by the referees.

Additionally, I noted that the brackets around the relaxation elements in Figure 1 A and 1B are likely wrong. I assume that these brackets are around the period 4τ , and do not encompass the alignment pulses (adiabatic ramps or hard pulses).

I agree with a referee that it would be useful for the reader to have a more precise knowledge about the implementation; to me it is not clear what the constant-time delay was. I would also encourage you to deposit the pulse sequence code.

I have noticed that the link to mendeley data does not work (<https://doi:10.17632/zyryxrgkc3.1>). Please correct the link.

best regards,

Paul