

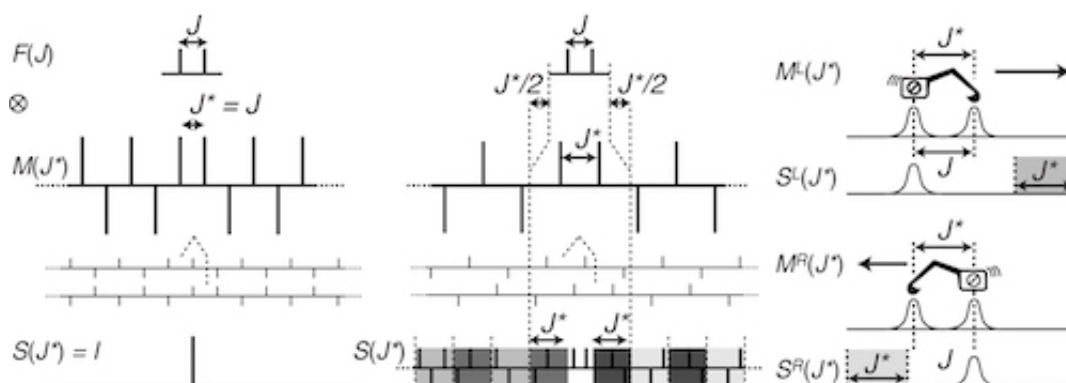
Magn. Reson. Discuss., author comment AC1
<https://doi.org/10.5194/mr-2021-32-AC1>, 2021
 © Author(s) 2021. This work is distributed under the Creative Commons Attribution 4.0 License.

Reply on RC1

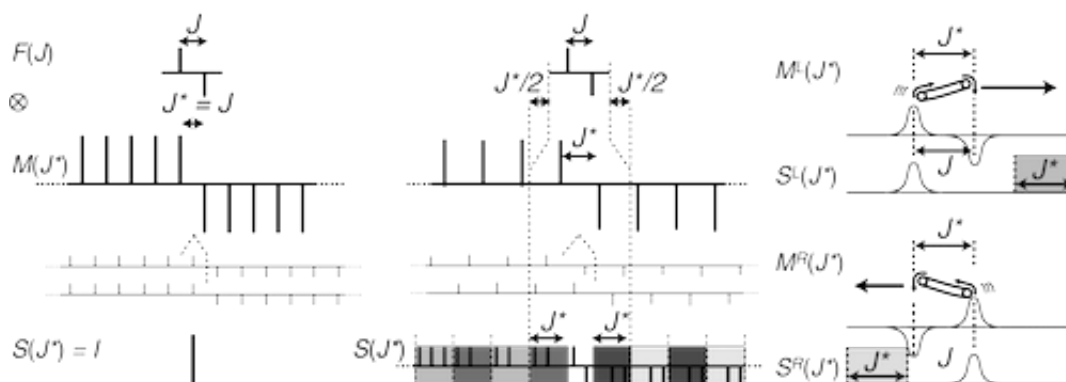
Damien Jeannerat and Carlos Cobas

Author comment on "Application of multiplet structure deconvolution to extract scalar coupling constants from 1D nuclear magnetic resonance spectra" by Damien Jeannerat and Carlos Cobas, Magn. Reson. Discuss., <https://doi.org/10.5194/mr-2021-32-AC1>, 2021

Indeed, the series of delta function should be understood as being infinite. We changed the figure to make it more clear by adding dotted lines at both sides of the series of delta functions.



Concerning canceling antiphase structure (something we did not discuss in the paper, I would have used a different representation (see right part of the image below... and after a step of change of sign). Note this figure is just shown for this discussion and does not appear in the paper). But these model all have their limits - as the different understanding of the original figure demonstrates!



We also changed the legend of the figure to clarify the deconvolution process.

