

Interactive comment on “A new tool for model assessment in the frequency domain – Spectral Taylor Diagram : application to a global ocean general circulation model with tides” by Mabel Costa Calim et al.

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Thank you again for your comments.

I think I may be express myself wrongly about Taylor Diagram in frequency domain. What I meant by saying " From Taylor Diagram it's not possible to isolate frequency or band of frequencies and compared them in terms of amplitude, power and phase. It's possible to demonstrate that a time series created from a isolate frequency or band of frequencies (by inverse Fourier Transform) can be correlated to the reference in time

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domain. " is not possible using Taylor Diagram without a filtering technique, and that implies convolution costs. In contrast to Taylor Diagram, the spectral version enables a multiple band frequencies preview without using filtering techniques.

The problems understanding what a relationship is being used to construct the spectral version of Taylor Diagram can be improved using more examples? Please feel free to suggest another kind of example that could better express this relationship.

If any other doubt or question arise I'll be pleased to answer it. Thank you one more time for your interest in our paper.

Best regards.

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C2