

# ***Interactive comment on “Mesoscale cascades and the “conundrum” of energy transfer from large to dissipation scales in an adiabatic ocean” by Mikhail S. Dubovikov***

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Remark to the reply to the comments of R2

I found only the paper by Bruggemann and Eden (2015) which presents the spectra of the different works contributing to the EKE production spectrum. The spectrum of the advection contribution which is the sum of that of the mean velocity and the NL force (transfer), is presented in their Figs. 3b,d for different mean Richardson numbers (solid lines). The spectra are the largest (in modulus) and negative at the scale  $\sim R_d$  and change the sign at larger scales in agreement with the D3/CD5 model.

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