

Interactive comment on “The impact of the planetary β -effect on the tilting vertical structure of a mesoscale eddy” by Shengmu Yang et al.

Anonymous Referee #2

Received and published: 20 July 2018

The paper studies how the planetary beta-effect influences the vertical structure of mesoscale eddies. The work is original, and thus worth publication. However, I have some issues which need addressing before publication:

1. Minor: The authors should define the scale of mesoscale eddies. 2. Major: The authors should compare MITgcm simulations with the observations of tilted mesoscale eddies in the South China Sea, otherwise it is difficult to judge the results.

Interactive comment on Ocean Sci. Discuss., <https://doi.org/10.5194/os-2018-39>, 2018.