

Comments on the revised manuscript of “Analysis of raindrop size distribution from the double moment cloud microphysics scheme for monsoon over a tropical station”

General comments:

I have read responses from the authors. I appreciate the revisions, but I feel that some points are still unclear.

Specific comments:

1. Regarding the response to my first comment, the authors estimate the effect of the truncation of the raindrop size distribution as:

$$\frac{D_{m,jwd}}{D_{m,mod}} = \frac{Q(1 + \mu + 4, \lambda D_{cut})}{Q(1 + \mu + 3, \lambda D_{cut})}$$

However, it should be

$$\frac{D_{m,jwd}}{D_{m,mod}} = \frac{\lambda_{mod}}{\lambda_{jwd}} \frac{Q(1 + \mu + 4, \lambda D_{cut})}{Q(1 + \mu + 3, \lambda D_{cut})}$$

because λ is a function of the zero-order moment and is affected by the truncation.

2. Does Figure 1 in your response show the results with a fixed μ ? Please show the results obtained by varying μ within the observed range.

3. The effect of the truncation on N_w should also be assessed.

4. The influence of the truncation of raindrop diameter is an important issue that affects the conclusions of this paper. Thus, these discussions should be reflected in the main text.