

## ***Interactive comment on “Investigation of water adsorption and hygroscopicity of atmospheric particles using a commercial vapor sorption analyzer” by Wenjun Gu et al.***

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Figure 4 The authors mentioned that the measured mass hygroscopic growth factors agree well with the E-AIM model for  $(\text{NH}_4)_2\text{SO}_4$  and NaCl at temperature of 25 and 5 degree centigrade. According to Figure 4, the data of NaCl measured agree well with model. But in Figure 4 (a) and (b), it seems that the  $(\text{NH}_4)_2\text{SO}_4$  data from this work are obviously higher than that from the model, conflicting with the author’s description.

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