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Comment

Interactive comment on “Cluster analysis of midlatitude oceanic cloud regimes – Part 2: Temperature sensitivity of cloud properties” by N. D. Gordon and J. R. Norris

Anonymous Referee #2

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The result in this manuscript could contain interesting indication for mid-latitude cloud systems and the change in warming climate. However, there is an issue to be discussed. The authors set many restrictions to the data they analyze. There might be a good reason for the authors to set each restrictions, but they are neither common nor obvious for the reader. For those who are interested in the temperature sensitivity of cloud properties, it is not clear which restriction the authors apply contributes which difference between the previous study such as Tselioudis et al.(1992) and this study. The lack of the justification of their analysis method makes this study puzzling rather than convincing. So it is suggested that the authors show quantitatively how they give significant impact on their results. It might include reorganization of part 1 and part 2

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papers. After the clarification of the analysis methods, the results would be ready to be discussed.

Interactive comment on Atmos. Chem. Phys. Discuss., 10, 1595, 2010.

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