Comments to the Authors,

This manuscript provided a comprehensive systematic review to the DNA methylation changes in peripheral tissue of schizophrenia and bipolar disorder. The review was performed rigorously and the findings sound very interesting. What’s more, it is an urgent summary to provide timely information for the epigenetic research to schizophrenia and bipolar disorder. I only have three small concerns,

**Major Compulsory Revisions**

1, The logic of why the association between DNA methylation of peripheral tissue and schizophrenia or bipolar disorder were investigated or importance should be introduced in the background section. As we all known that, DNA methylation do have important biological function, such as gene expression regulation, imprinted genes and so on, However, how to connection the DNA methylation of peripheral tissue with brain (solid tissue) would be an important question.

2, As the author mentioned, dozens genome-wide DNA methylation data has been created in the past 10 years. Please provided the information, whether these dataset could be access or could be downloaded, or has been uploaded to public database.

3, Personally, What, do you think, is the biggest obstruction for the pushing of the DNA methylation in schizophrenia or bipolar disorder? Why the inconsistent findings strongly existed in the current DNA methylation studies? And Is there any solution to this challenge.