Comments to the Author,

This paper develops and illustrates a novel approach to the cluster analysis based on a method of optimal-partitioning of functional data. The proposed method allows for the simultaneous clustering of different populations to identify prototypical outcome probles that are distinct to one or the other treatment and outcome problems common to the different treatments. In this article, rigorously and comprehensive simulation and real data analysis were performed to illustrate the advantage of the proposed method. However, several small problems should be considered to make the manuscript acceptable by Statistics and Its Interface. In general, I would recommend acceptance if the authors can address my concerns as the following,

1, in the section 5, 1) that the reason why the orthogonal-quadratic polynomial was used to fit the data should be discussed. Why not [using Fourier analysis to fit function to data](http://stackoverflow.com/questions/5445499/using-fourier-analysis-to-fit-function-to-data)?

2, in the section 5, Can you share the sensitivity, specificity and accuracy why applying a classification analysis to this data.

3, the completed code, program or R package should be provided as the supplementary so that the reader can apply and repeat similar study.