Dr. Chen and colleagues developed a novel coherence measurement of the minimal mean squared error (MMSE) for general linear patterns. Simulation and real data analysis showed the MMSE can effectively identify significant linear biclusters, including shifting, scaling and mixed form. The topic area is interesting. I only have some small concerns regarding the result and representations.

1, In Figure 2(a), the performance of MMSE on the noise is needed when delta is less than 0.2

2, in Figuare 2(b), more iteration is needed to decrease the sampling bias in which 1000 would be preferred.

Other small suggestion is included as the following,

1, the authors need more interpretation on the necessary and importance of linear measures compared with non-linear measures in the background.

2, pseudo code has provided by the authors, however, implemented software is necessary when It is published.

3, The performance of MMSE for big data analysis should be discussed in the future manuscript.