1. In the first paragraph, interchanging the fifth sentence, "We compare.." with the sixth sentence, "Specifically we use…." I felt its more continuous that way.
2. Second paragraph first sentence, its not really clear compare any method with what? Other methods I guess?
3. Page 2 second paragraph second sentence, "consider using the size of the eigen values". Eigen values of what was not really clear.

The introduction so far is very well written. The sentences are very well structured.

The work shows that cross validation methods are better than other model selection methods. It considers three different cross validation methods and compares them. The other methods considered in the paper are, methods using BIC and two different methods related to community detection which are specifically used for stochastic block models.