

This document is to clarify an error about Sparsity Guarantee in the following paper:

SE Chiu, B Rao "Correlation learning on joint support recovery for more sources than measurements," Sensor Array and Multichannel Signal Processing Workshop (SAM), 2016 IEEE.

In particular, the statement of Lemma 1 is not true in general. And Theorem 1 and theorem 2, based on lemma 1, are both subject to modification. Specifically, the number in theorem 1 here, instead of $M-1$, shall more likely be $M+L$. We are still working on the proof of this number. So please be noted that there are still no theoretical guarantee about sparsity level in MMV problem! We apologize for any inconvenience it may cause/occur. We will update the results once we have the proof!

The algorithmic derivation in Section V and Simulation in Section VI are not subject to the lemma/theorem, so they remain intact and correct.