Dear all,

Please find below my comments on the thesis and some questions.

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Comments related to the structure of the thesis:

In the introduction chapter it is best to describe a set of applications and settings that motivate your research and proposed solutions. This can make your thesis more accessible. Furthermore, you can add a subsection that describes in a high-level manner the remainder and structure of the thesis (describing briefly the contributions of each chapter). You can also mention your contributions there but in a less technical way since the problem statement only comes in the Chapter preliminaries.

In each main chapter (Chapter 4, Chapter 5, Chapter 6) you can add an introduction subsection, a state-of-the-art subsection and then elaborate your contributions and methods.

I believe that this structure will improve the understanding of the thesis and light up your contributions.

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Further comments:

Please discuss the complexity and scalability issues related to your approach in relation to the state of the art.

Position your work with regard to the state of the art as well as regarding solutions based on low-rank matrix completion and compressed sensing.

I recommend to use the formulation “we propose” than “I propose”

You might wish to add a list of notation in the beginning of the thesis.

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