In the revised version we made the following changes.

1. Page 2: We added lines -3 and -4 according to suggestion of referee.

2. Page 5: We added Lemma 9.

3. Page 10, Lemma 12: We added lines 1 and 2 (we have written the compare the
good samaritan version).

4. Page 10: We added lines 16 and 17 for explanation of the inequalities lines 18
and 19.

5. Page 11, Lemma 13: We added lines 1 and 2 (we have written the compare the
good samaritan version).

6. Page 14, Lemma 18: We added lines 1 and 2 (we have written the compare the
good samaritan version).

7. We added reference [7].
   Moreover, we done all comments for typos and LATEX.