Dear Professor Srikant,

We respectfully submit our paper titled "Scalability and Satisfiability of Quality-of-Information in Wireless Networks" for consideration to be published in a future volume of the *IEEE/ACM Transactions on Networking* journal.

As we point out in the manuscript, we note that parts of this submission were published previously in the proceedings of the IEEE Wireless Communications and Networking Conference (WCNC), April 2016 with the same title. However, we would like to point out that this manuscript contains substantial new material compared to the WCNC paper. Specifically, the main differences between this journal manuscript and the previously published conference version can be listed as follows:

- The network model was updated to be more general and include consideration of maximum query rates in the network (Sections III and VI)

- The QoI model is expanded to include two additional image selection algorithms with expanded experimental results providing more motivating application possibilities (Section IV)

- The modeling of the Traffic Factor and the delay of each flow has been greatly improved by adopting a stochastic model instead of simple average values, which were used in the WCNC paper. This includes additional validation results from simulations. (Section VI and VII).

- A second example of applying the scalability framework to an instance of a network is added. (Section IX)

- Proofs of expected QoI results for comparing experimental results and a proof of a multiplicative Chernoff Bound used in this version paper have been added as Appendices.

- Various additional insights, remarks, additions in the Introduction, Related Work, Abstract and Conclusion

In essence, we believe that this journal submission is a substantially advanced, complete, and different document compared with the previously published conference version, which, therefore, deserves merit and qualifies to be published on its own. We would also like to inform you that this paper has not been submitted to any other publications and, as such, is not under review for publication elsewhere.

Many thanks for your time and efforts in handling our submission.

Sincerely,

Scott Rager, Ertugrul Ciftcioglu, Ram Ramanathan, Thomas La Porta, Ramesh Govindan