use the same simulation scenario as employed in Section 6.2.1, but we have the following modifications on the scenario:

- each simulation set uses a different number of stations per region, varying from one to five;
- each simulation set has 10 number of runs, each of which is executed with a different seed;
- all the regions are free from wireless link errors.

Notice that since each set includes 10 runs, all the results are presented in average.

Firstly, we evaluate the TaLE framework with respect to per-location throughput. Figure 12 presents aggregate per-location throughput as the number of stations per region increases. The aggregate throughput means total throughput cross all the stations in the

Fig. 12: Throughput comparison between 802.11-based and TaLE-enabled Hot Spot in the presence of mobility.

Fig. 13: Aggregate throughput and loss rate comparison between 802.11-based and TaLE-enabled Hot Spot in the presence of mobility.