

Multiuser Channel Estimation: Simulation Results

1 Comparison FFBS and PGAS

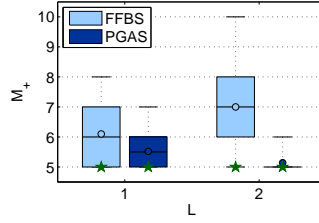


Figure 1: Inferred number of transmitters for FFBS and PGAS methods.

2 Simulation Results

Differences with respect to EUSIPCO simulations: (i) Observation period $T = 1000$ instead of 500, and (ii) burst length of 500 time instants, instead of being random with mean value 250.

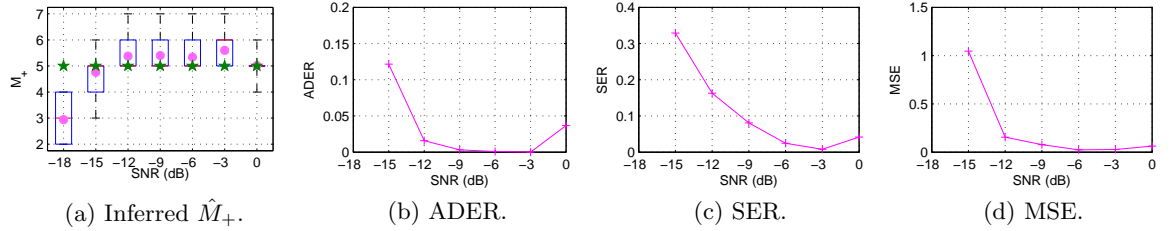


Figure 2: Results for different SRNs ($L = 1$).

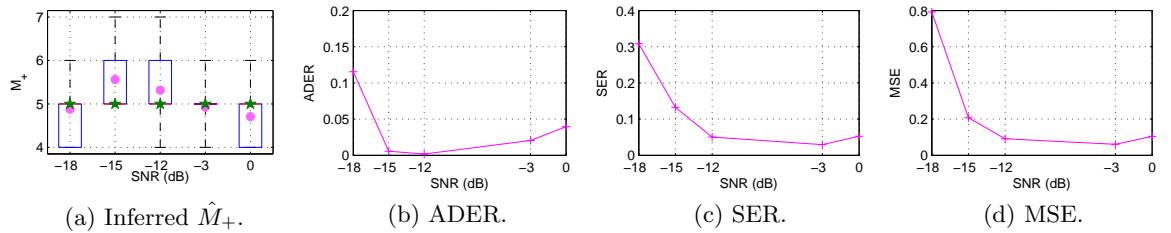


Figure 3: Results for different SRNs ($L = 3$).

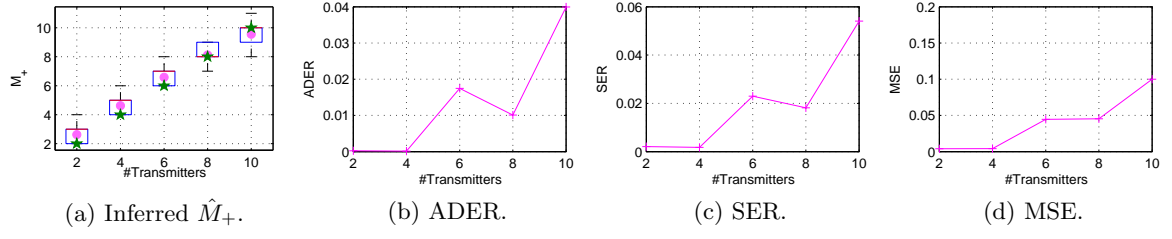


Figure 4: Results for different number of transmitters ($L = 1$).

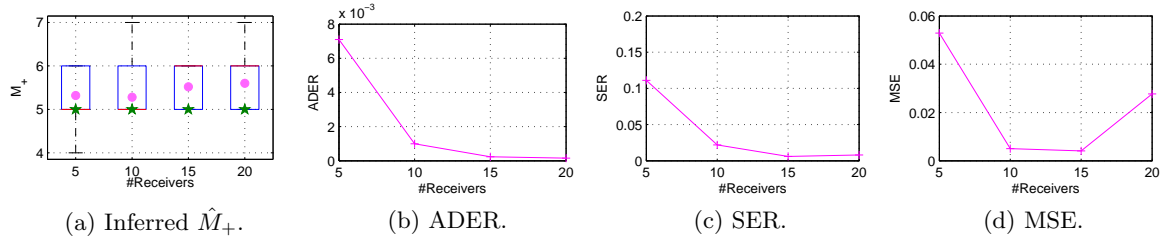


Figure 5: Results for different number of receiving antennas ($L = 1$).

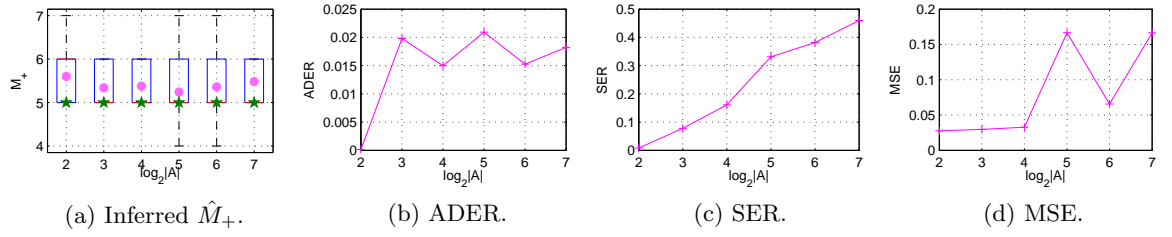


Figure 6: Results for different constellation order ($L = 1$).

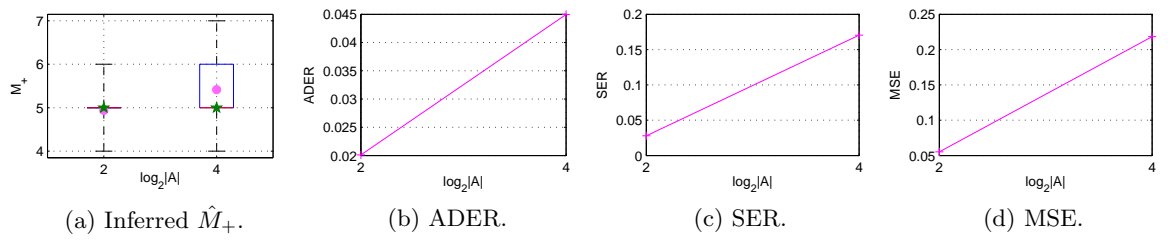


Figure 7: Results for different constellation order ($L = 3$).