Figure 10: Probability of correct Detection (PoD) versus SNR. In the simulated scenario, $R = 5$, $M_1 = 5$, $M_2 = 5$, $M_3 = 5$, $M_4 = 5$, $M_5 = 5$, and $N = 5$ presence of colored noise, where $\rho_1 = 0.9$, $\rho_2 = 0.95$, $\rho_3 = 0.85$, and $\rho_4 = 0.8$. We fixed $d = 3$.

Figure 11: Probability of correct Detection (PoD) versus SNR for an array of size $M_1 = 5$, $M_2 = 7$, and $M_3 = 9$. The number of snapshots $N$ is set to 10 and the number of sources $d = 3$. No FBA is applied.