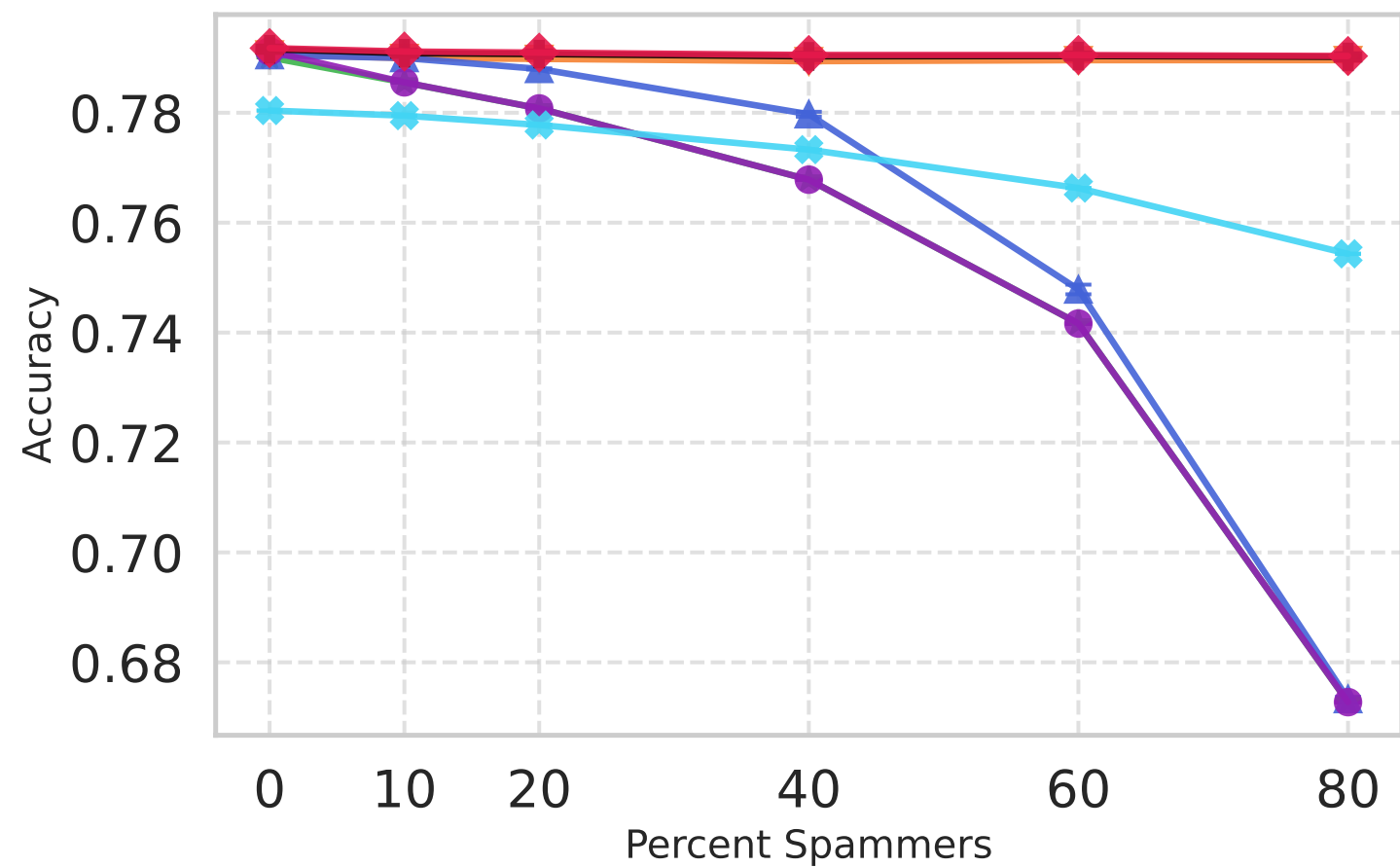
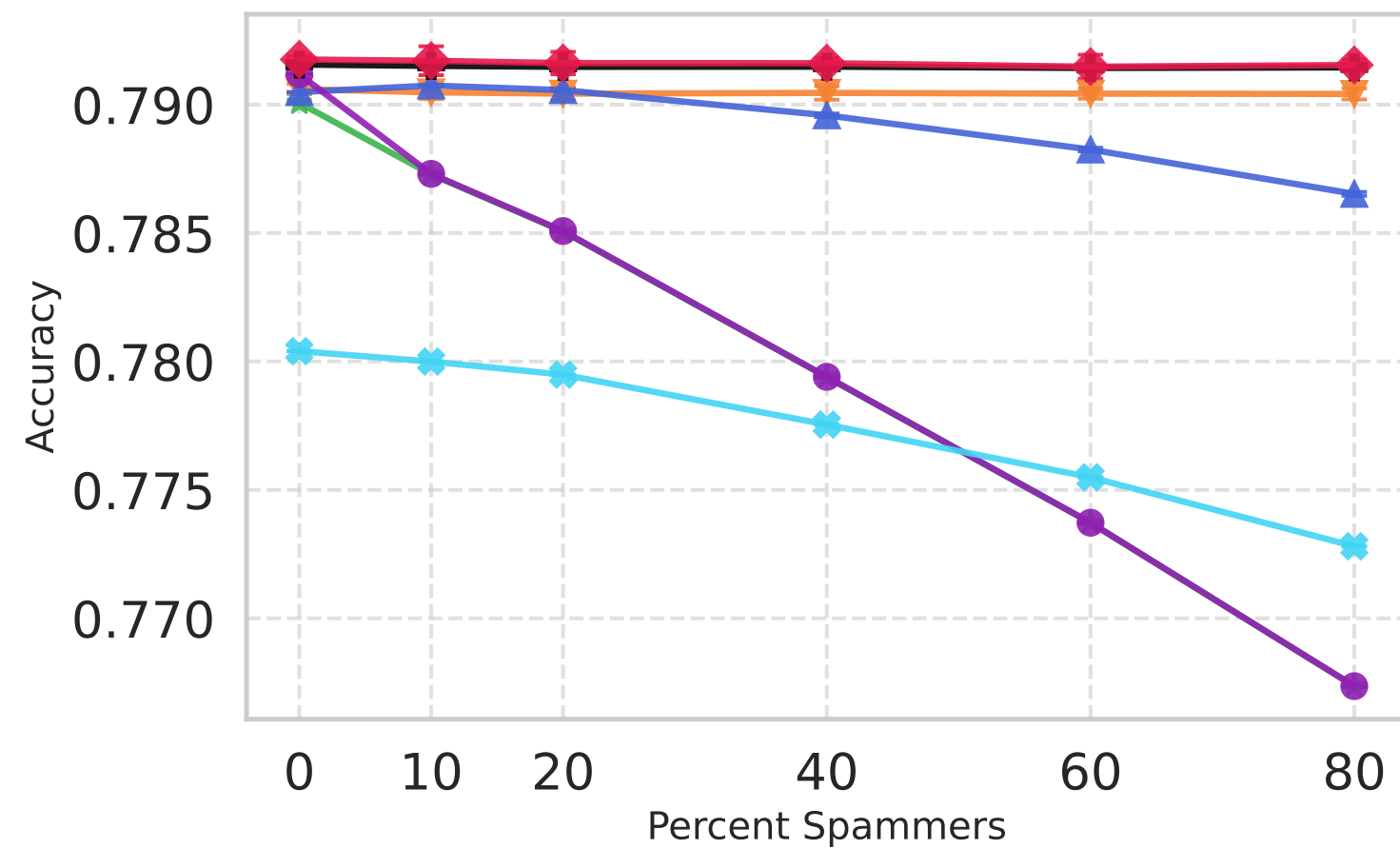


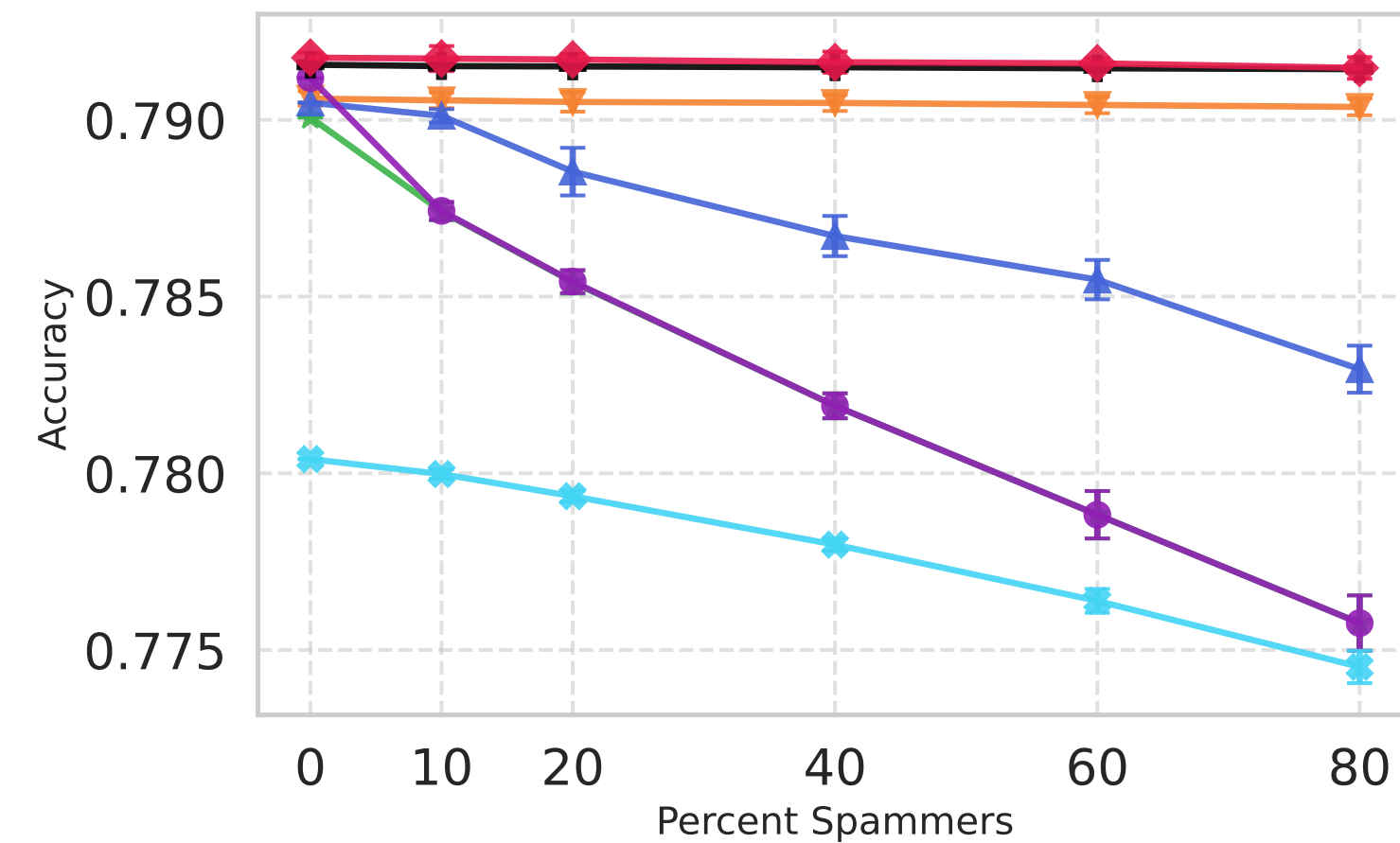
**Adding anti-persons**



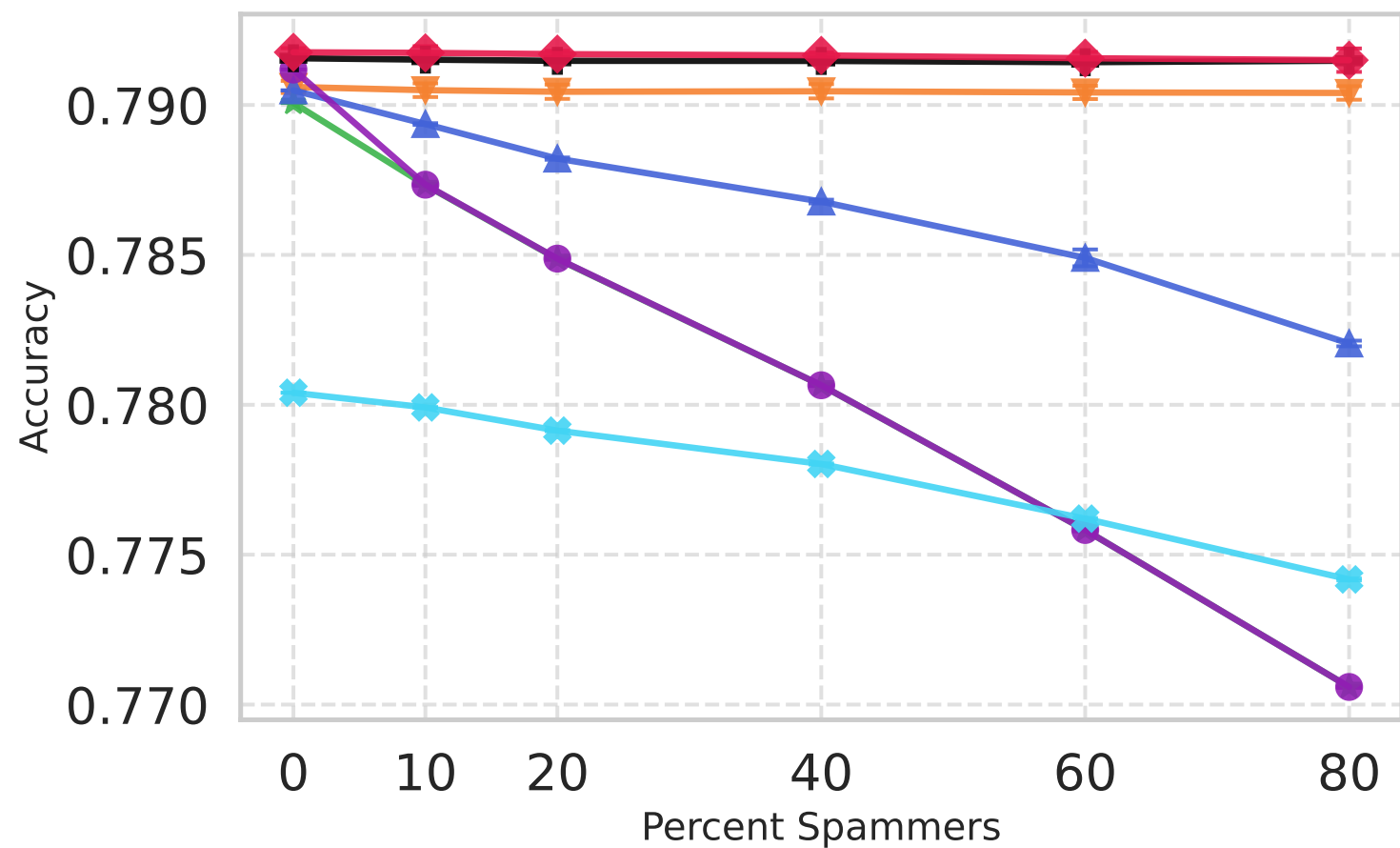
**Adding left-position biased spammers**



**Adding spammers answering randomly**



**Adding right-position biased spammers**



**Adding all four types of spammers uniformly**

