Test on Avrami model /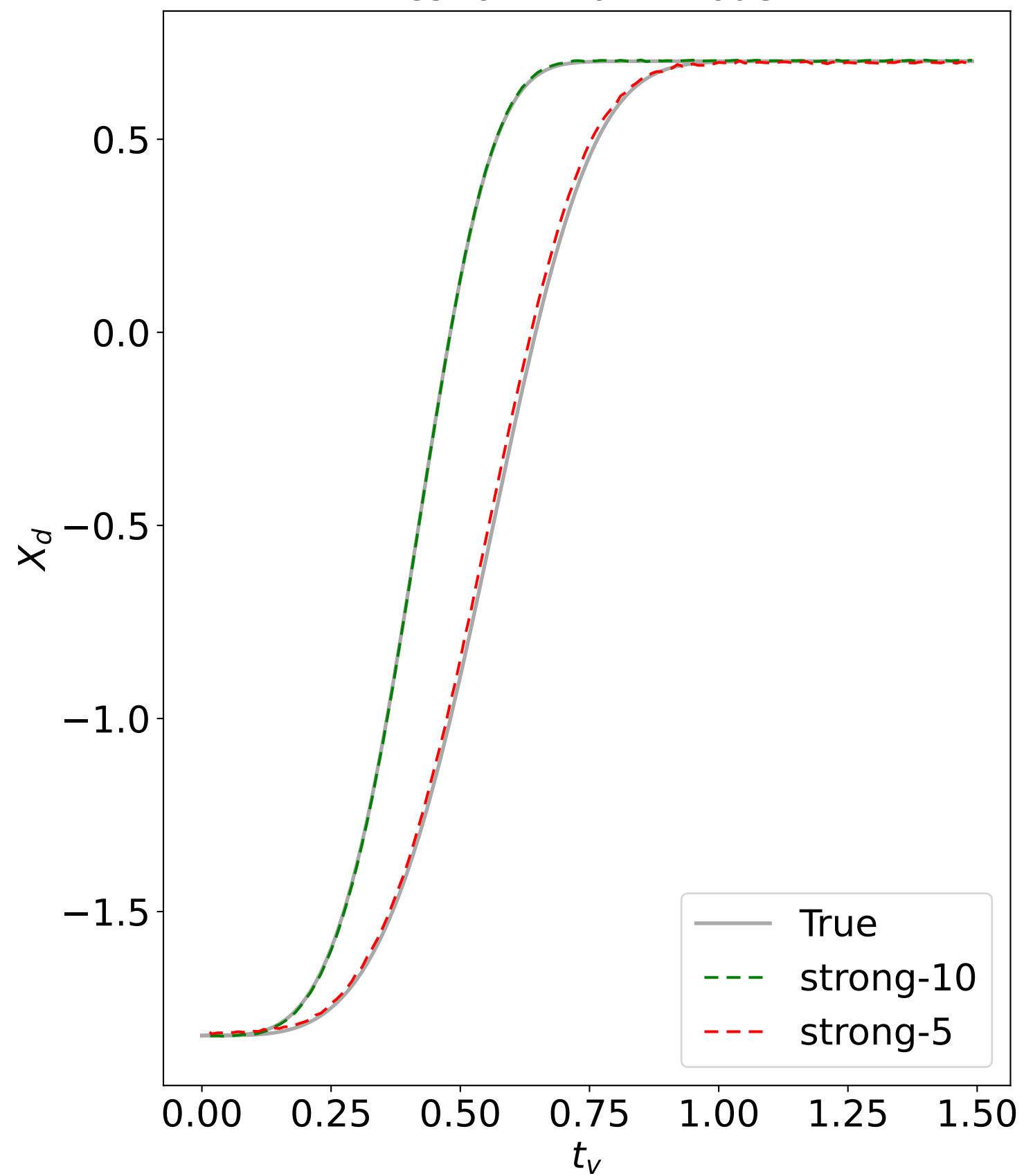 Test on Avrami model with noise