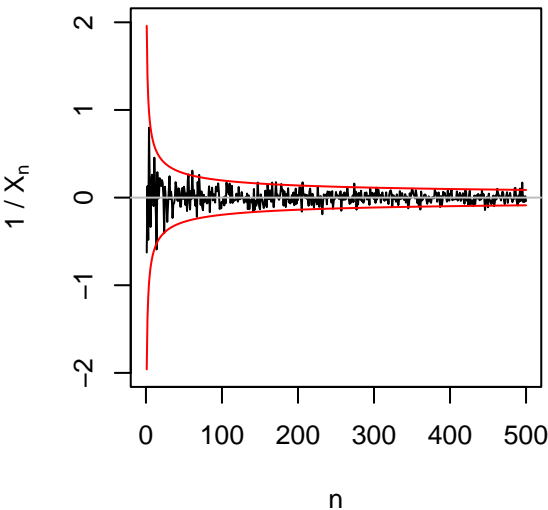
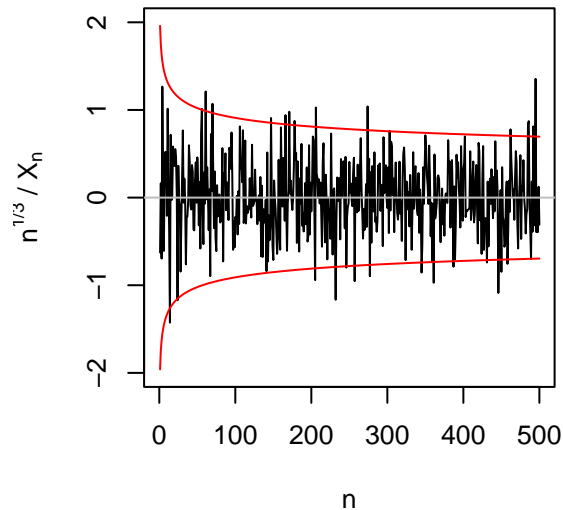


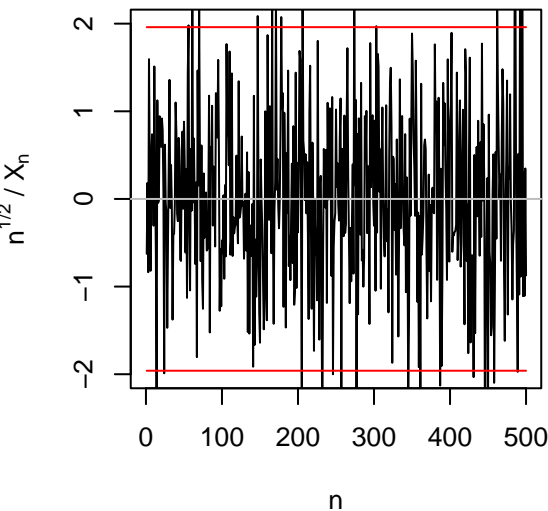
$$X_n = o_p(1), X_n = O_p(1)$$



$$X_n = o_p(n^{-1/3}), X_n = O_p(n^{-1/3})$$



$$X_n = o_p(n^{-1/2}), X_n = O_p(n^{-1/2})$$



$$X_n = o_p(n^{-2/3}), X_n = O_p(n^{-2/3})$$

