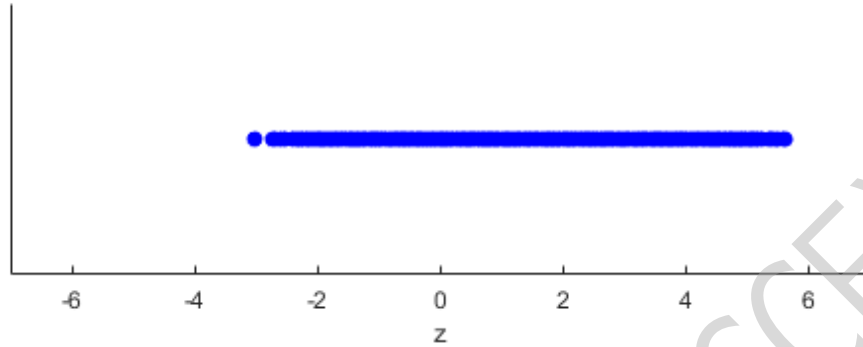


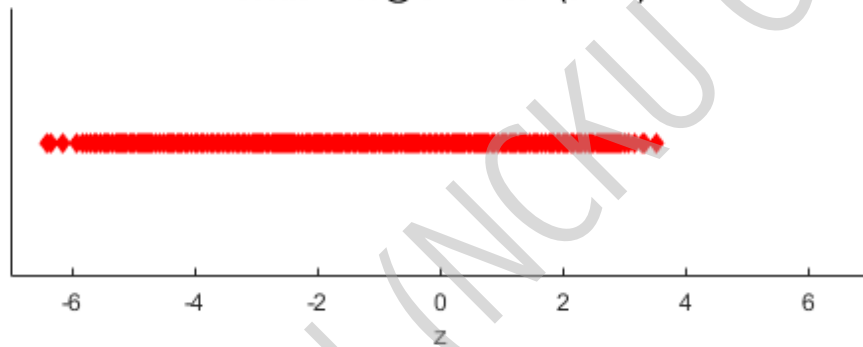
Scatter Plot @ SNR = 3dB and SNR = 10dB

$$P(1) = P(s = \sqrt{2}) = P_1 = 0.1 \quad \text{and} \quad P(0) = P(s = -\sqrt{2}) = 1 - P_1 = 0.9$$

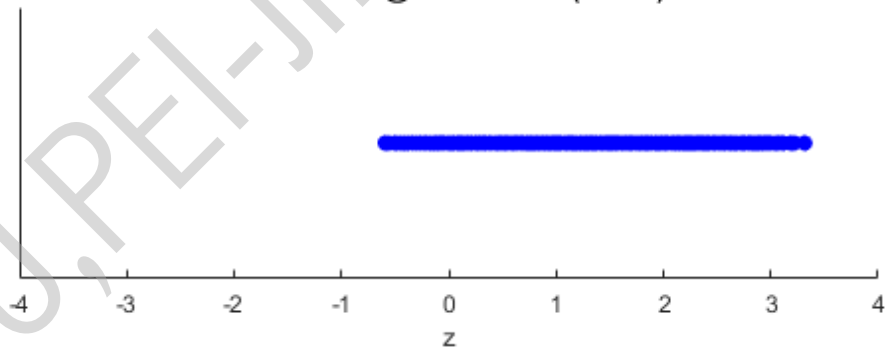
Scatter Plot @ SNR = 3dB (d = +1)



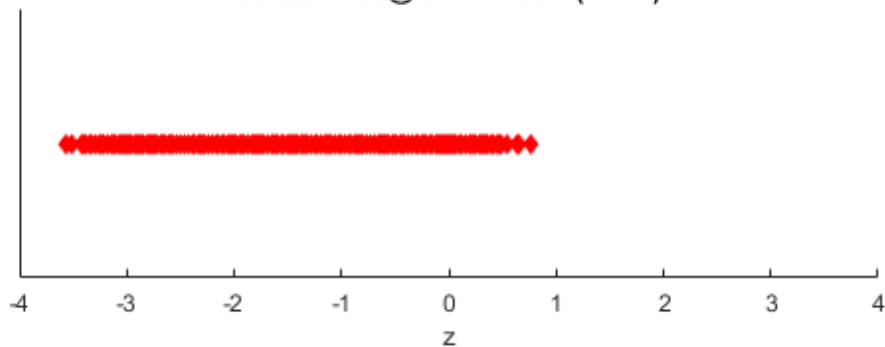
Scatter Plot @ SNR = 3dB (d = -1)



Scatter Plot @ SNR = 10dB (d = +1)

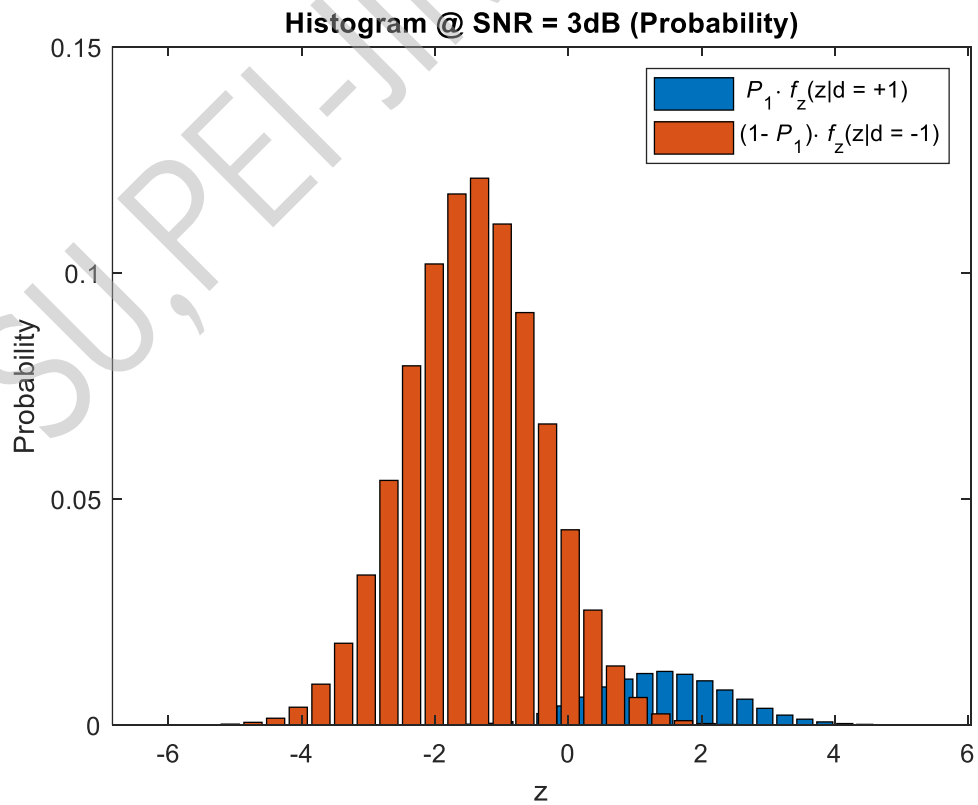
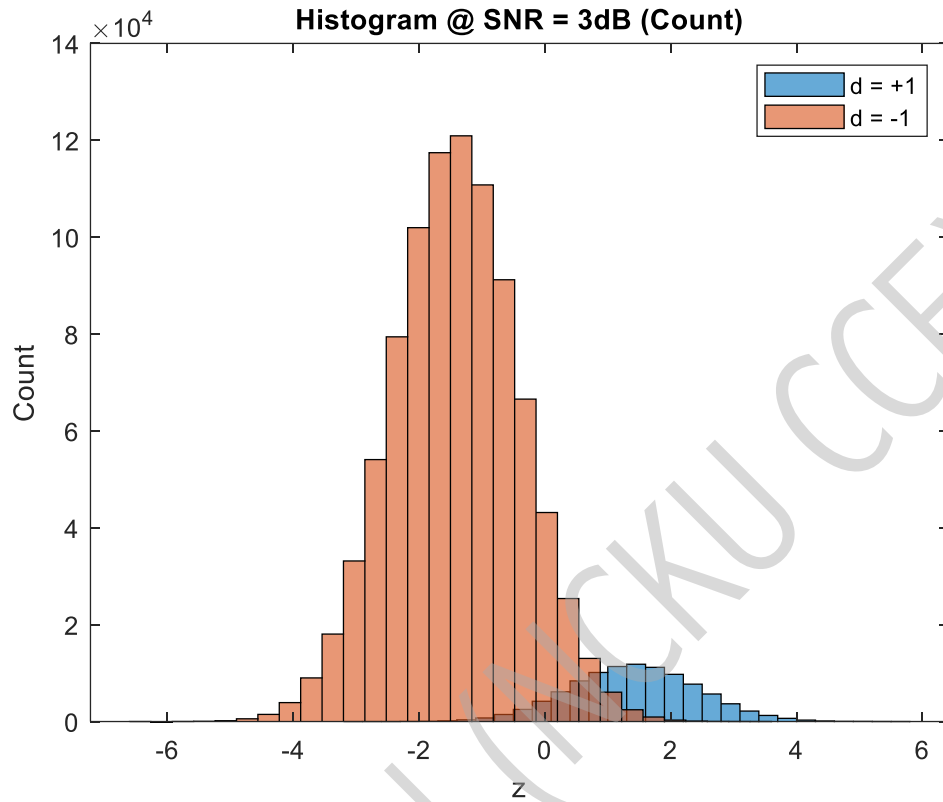


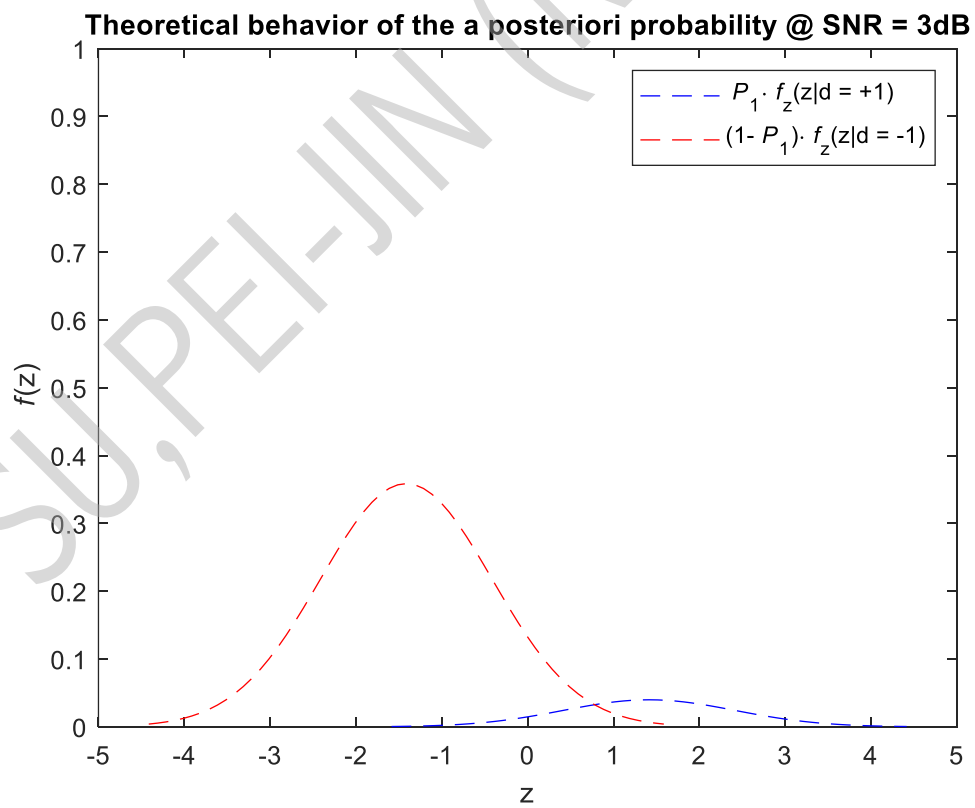
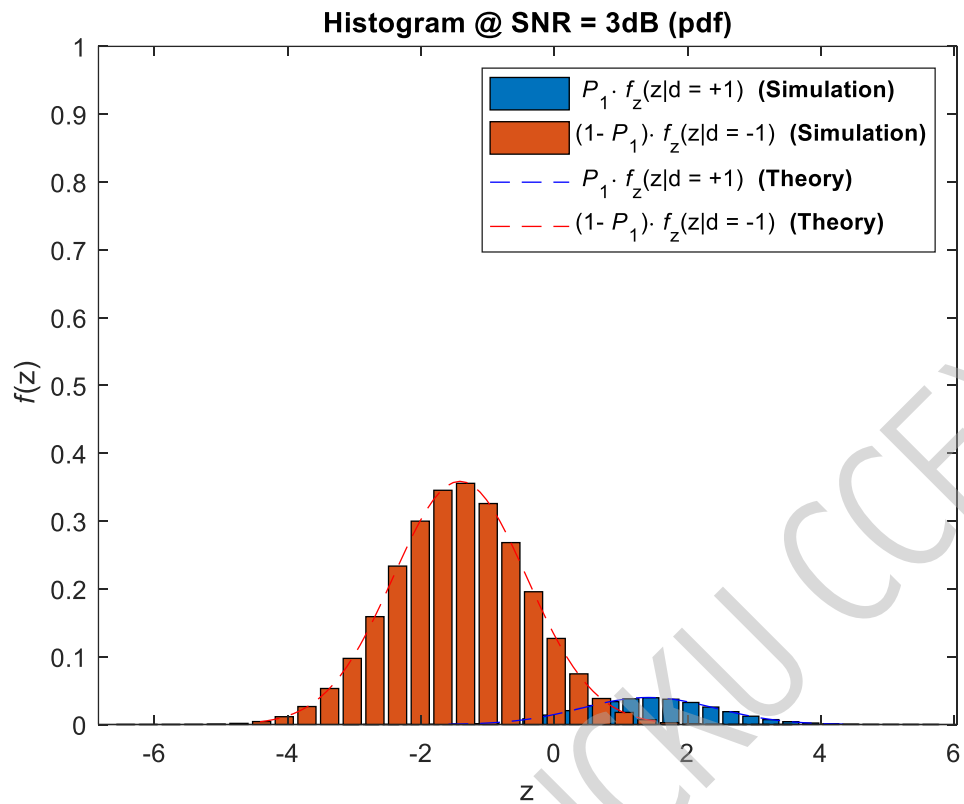
Scatter Plot @ SNR = 10dB (d = -1)



Histogram @ SNR = 3dB

$$P(1) = P(s = \sqrt{2}) = P_1 = 0.1 \quad \text{and} \quad P(0) = P(s = -\sqrt{2}) = 1 - P_1 = 0.9$$





Histogram @ SNR = 10dB

$$P(1) = P(s = \sqrt{2}) = P_1 = 0.1 \quad \text{and} \quad P(0) = P(s = -\sqrt{2}) = 1 - P_1 = 0.9$$

