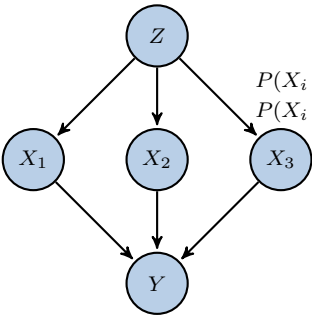


$$P(Z = 1) = 0.7$$



$$P(X_i = 1 | Z = 0) = .01$$

$$P(X_i = 1 | Z = 1) = .99$$