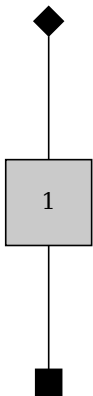


$$\begin{aligned}
 f_p(x_1 = 0) &= 0.36 \\
 f_p(x_2 = 1) &= 0.48 \\
 f_p(x_3 = 2) &= 0.16
 \end{aligned}$$



$$\begin{aligned}
 f_g(x_1 = 0) &= 0.01 \\
 f_g(x_2 = 1) &= 0.01 \\
 f_g(x_3 = 2) &= 0.98
 \end{aligned}$$