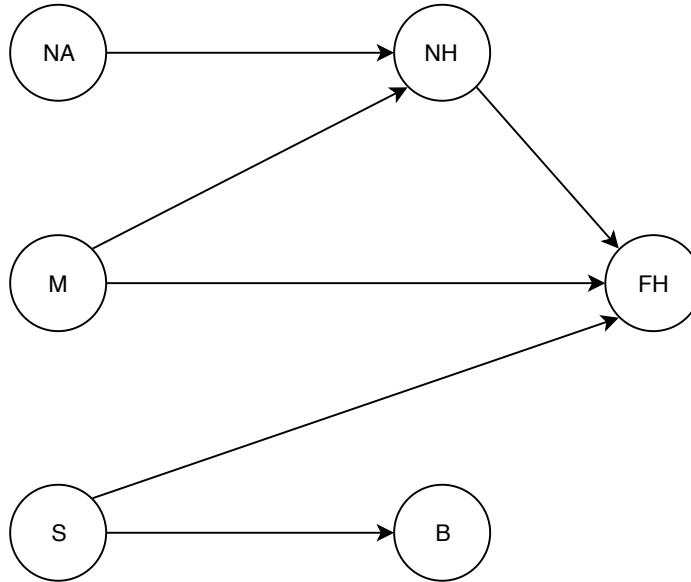


$$\begin{aligned}
 P(NH \mid M \wedge NA) &= 0.8 \\
 P(NH \mid M \wedge \neg NA) &= 0.4 \\
 P(NH \mid \neg M \wedge NA) &= 0.5 \\
 P(NH \mid \neg M \wedge \neg NA) &= 0.0
 \end{aligned}$$

$$P(NA) = 0.3$$



$$P(M) = 0.0357\dots$$

$$\begin{aligned}
 P(FH \mid S \wedge M \wedge NH) &= 0.99 \\
 P(FH \mid S \wedge M \wedge \neg NH) &= 0.9 \\
 P(FH \mid S \wedge \neg M \wedge NH) &= 0.75 \\
 P(FH \mid S \wedge \neg M \wedge \neg NH) &= 0.5 \\
 P(FH \mid \neg S \wedge M \wedge NH) &= 0.65 \\
 P(FH \mid \neg S \wedge M \wedge \neg NH) &= 0.4 \\
 P(FH \mid \neg S \wedge \neg M \wedge NH) &= 0.2 \\
 P(FH \mid \neg S \wedge \neg M \wedge \neg NH) &= 0.0
 \end{aligned}$$

$$P(S) = 0.05$$

$$\begin{aligned}
 P(B \mid S) &= 0.6 \\
 P(B \mid \neg S) &= 0.1
 \end{aligned}$$