

$$P(B|S) = 0.6 \quad P(B|\neg S) = 0.1$$

$$P(S) = 0.05$$

S

B

$$P(M) = 0.03571$$

M

FH

NA

NH

$$P(NA) = 0.3$$

$$P(FH|S \wedge M \wedge NH) = 0.99$$

$$P(FH|S \wedge \neg M \wedge \neg NH) = 0.5$$

$$P(FH|S \wedge M \wedge \neg NH) = 0.9$$

$$P(FH|S \wedge \neg M \wedge NH) = 0.75$$

$$P(FH|\neg S \wedge M \wedge NH) = 0.65$$

$$P(FH|\neg S \wedge \neg M \wedge NH) = 0.2$$

$$P(FH|\neg S \wedge M \wedge \neg NH) = 0.4$$

$$P(FH|\neg S \wedge \neg M \wedge \neg NH) = 0$$

$$P(NH|\neg M \wedge \neg NA) = 0 \quad 0$$

$$P(NH|\neg M \wedge NA) = 0.5 \quad 0.5$$

$$P(NH|M \wedge \neg NA) = 0.4 \quad 0.6$$

$$P(NH|M \wedge NA) = 0.8 \quad 0.2$$