

A)

$$\begin{aligned}
 & \left\{ \begin{array}{l} \text{Treated } (P_d) \\ \\ \text{Non-effective } (1 - e) \end{array} \right\} \\
 & \left\{ \begin{array}{l} \text{Effective } (e) \\ \\ \text{Non-effective } (1 - e) \end{array} \right\} \\
 & \left\{ \begin{array}{l} \text{With adverse effects } (P_{ae}) \\ \\ \text{Without adverse effects } (1 - P_{ae}) \end{array} \right\} \\
 & \left\{ \begin{array}{l} \text{Catch malaria } (P_m(m|e)) \left\{ \begin{array}{l} \text{Die } (P_t(t|m)) \\ \text{Do not die } (1 - P_t(t|m)) \end{array} \right\} \\ \\ \text{Do not catch malaria } (1 - P_m(m|e)) \left\{ \begin{array}{l} \text{Die } (P_t(t|\bar{m})) \\ \text{Do not die } (1 - P_t(t|\bar{m})) \end{array} \right\} \end{array} \right\} \\
 & \left\{ \begin{array}{l} \text{Catch malaria } (P_m(m|e)) \left\{ \begin{array}{l} \text{Die } (P_t(t|m)) \\ \text{Do not die } (1 - P_t(t|m)) \end{array} \right\} \\ \\ \text{Do not catch malaria } (1 - P_m(m|e)) \left\{ \begin{array}{l} \text{Die } (P_t(t|\bar{m})) \\ \text{Do not die } (1 - P_t(t|\bar{m})) \end{array} \right\} \end{array} \right\} \\
 & \left\{ \begin{array}{l} \text{With adverse effects } (P_{ae}) \\ \\ \text{Without adverse effects } (1 - P_{ae}) \end{array} \right\} \\
 & \left\{ \begin{array}{l} \text{Catch malaria } (P_m(m|\bar{e})) \left\{ \begin{array}{l} \text{Die } (P_t(t|m)) \\ \text{Do not die } (1 - P_t(t|m)) \end{array} \right\} \\ \\ \text{Do not catch malaria } (1 - P_m(m|\bar{e})) \left\{ \begin{array}{l} \text{Die } (P_t(t|\bar{m})) \\ \text{Do not die } (1 - P_t(t|\bar{m})) \end{array} \right\} \end{array} \right\} \\
 & \left\{ \begin{array}{l} \text{Catch malaria } (P_m(m|\bar{e})) \left\{ \begin{array}{l} \text{Die } (P_t(t|m)) \\ \text{Do not die } (1 - P_t(t|m)) \end{array} \right\} \\ \\ \text{Do not catch malaria } (1 - P_m(m|\bar{e})) \left\{ \begin{array}{l} \text{Die } (P_t(t|\bar{m})) \\ \text{Do not die } (1 - P_t(t|\bar{m})) \end{array} \right\} \end{array} \right\}
 \end{aligned}$$

B)

$$\begin{aligned}
 & \left\{ \begin{array}{l} \text{Un-Treated } (1 - P_d) \end{array} \right\} \\
 & \left\{ \begin{array}{l} \text{Catch malaria } (P_m(m|nt)) \left\{ \begin{array}{l} \text{Die } (P_t(t|m)) \\ \text{Do not die } (1 - P_t(t|m)) \end{array} \right\} \\ \\ \text{Do not catch malaria } (1 - P_m(m|nt)) \left\{ \begin{array}{l} \text{Die } (P_t(t|\bar{m})) \\ \text{Do not die } (1 - P_t(t|\bar{m})) \end{array} \right\} \end{array} \right\}
 \end{aligned}$$