$$\begin{pmatrix} 0.4 \\ 0.6 \end{pmatrix} \qquad \begin{array}{c} 0.2 \\ 0.6 \end{pmatrix} \qquad \begin{array}{c} 0.52 + 0.3 \\ 0.08 + 0.3 \end{array}$$

$$\begin{pmatrix} 0.62 \\ 0.28 \end{pmatrix}$$

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()) is not a probabilistic operator