State transition diagram with states 0 and 1. The transition from 0 to 1 is labeled 1. The self-loop on state 1 is labeled $1 - \frac{p(V_i=0|\boldsymbol{h})}{p(V_i=1|\boldsymbol{h})}$. The transition from 1 to 0 is labeled $\frac{p(V_i=0|\boldsymbol{h})}{p(V_i=1|\boldsymbol{h})}$.