$P_{out} = P(\oplus | \mu \delta) = P(\Theta | \delta) = 0.01$ $P(\delta) = 10^{5}$ $P(\delta | \Theta) = \frac{P(\oplus | \delta) P(\delta)}{P(\Theta)}$ $P(\Theta) = P(\Theta | \delta) P(\delta) + P(\Theta | \mu \delta) P(\mu \delta)$ $P(\mu \delta) = 1 - P(\delta) = 1 - 10^{5}$ $P(\Phi | \delta) = 1 - P(\Theta | \mu \delta) = 1 - 0.01 = 0.39$ $P(\Theta) = 0.39 \cdot 10^{5} + 0.01 \cdot (1 - 10^{5}) = 0.0100098$ $P(\delta | \Theta) = \frac{0.39 \cdot 10^{5}}{0.0100098} = \frac{11}{11122} \approx 0.1\%$

Orber: P(SID)~0,1%