LOGICAL FLAW

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$$p'_+ = \frac{A + C + X}{A + B + C + D + X} \qquad p'_- = \frac{A + C}{A + B + C + D + X}$$

$$s'_+ = \frac{A + X}{A + C + X} \qquad s'_- = s$$

$$t'_+ = t \qquad t'_+ = \frac{D}{B + D + X}$$

$$\Pr(D \mid +) = f(p'_+, s'_+, t'_+)\Pr(D \mid +, p, s, t) + f(p'_-, s'_-, t'_-)\Pr(\neg D \mid +, p, s, t)$$

$$X \to \infty$$

$$p'_+ \to 1 \qquad p'_- \to 0$$

$$s'_+ \to 1 \qquad s'_- = s$$

$$t'_+ = t \qquad t'_+ \to 0$$

$$\Pr(D \mid +) \to \frac{1}{2}$$

THE GENERAL PROBLEM