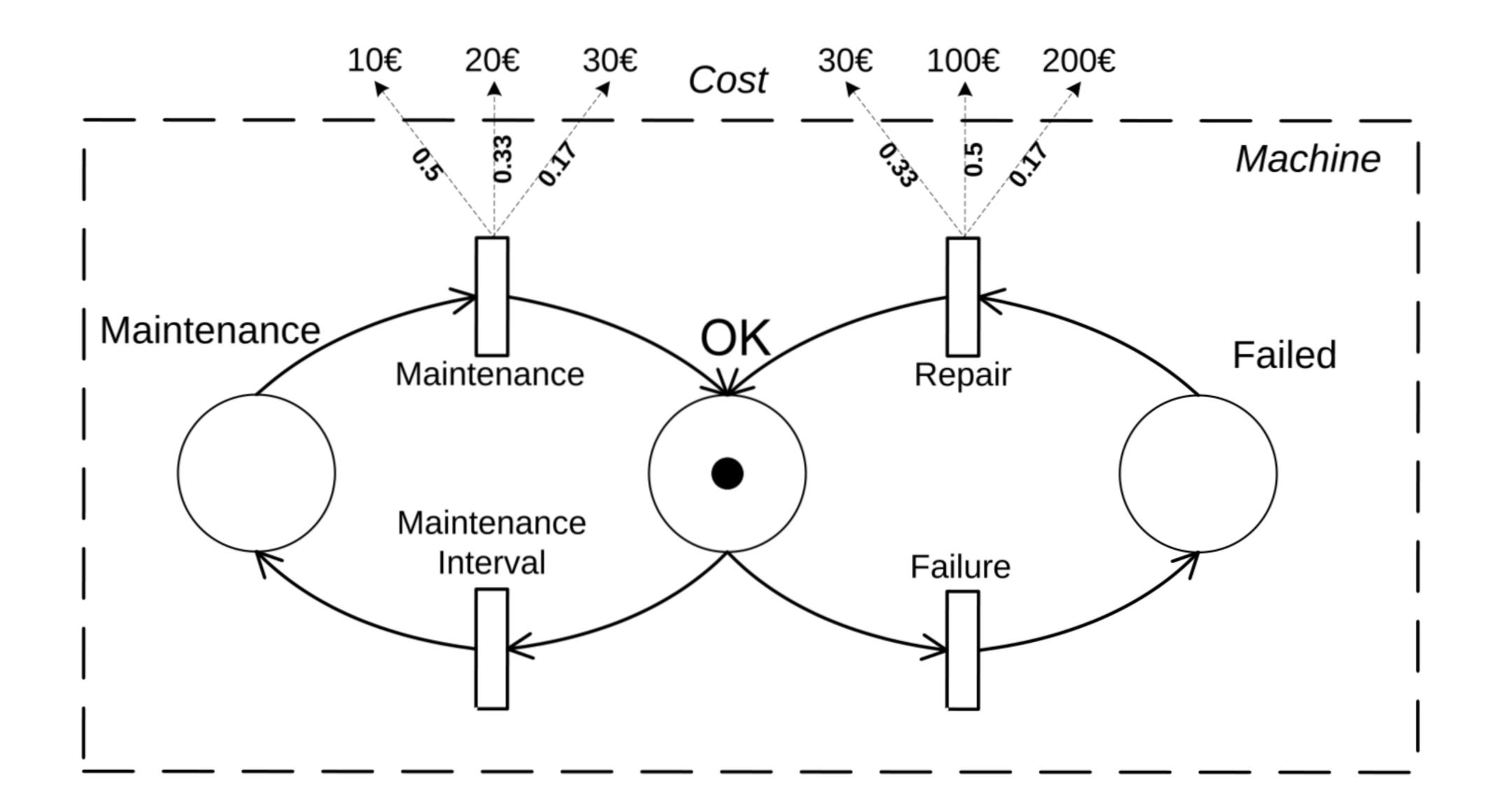
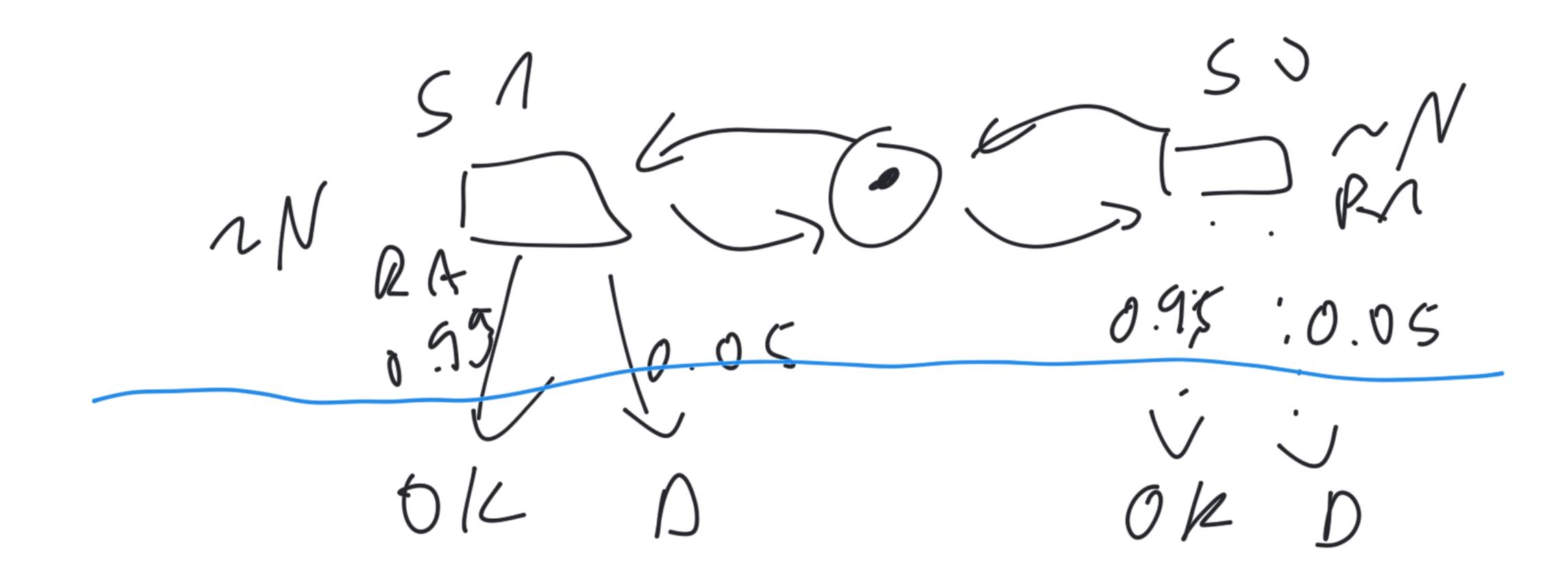


200 100 30 $0 = (z_j^{30})$ $(4_i z_0)$



WPDP WPUP



HM.M () 5 M not om 1.065. Copy ols. DTMC non Mark. Sy Ven 7 behavior be Lawion Sydlin proboal data -> sydem andy sis

Hidden non-Markovian Models HnMM - DSM as hidden part - cont. Alst. f. - emicsions -> trans. Lo ind. sampling

$$fln MM = (S, V, TR, A, TT)$$

$$S = \{ s_n \dots s_n \}$$

$$V = \{ V_n \dots V_m \}$$

$$TR = \{ TR_n \dots TR_k \}$$

$$TR_2 = (dist, b(v), aging)$$

$$b(w) : V \rightarrow \{ 0, 1 \}$$

$$A = \{ a_{ij} \}_{n \times N} \quad a_{ij} \in TR$$

$$O = \{(o_{1}, e_{1}) ... (o_{r}, e_{r})\}$$

$$Q = \{(q_{0}, e_{0}) ... (q_{r}, e_{r})\}$$

$$P \ge T$$

$$A = \frac{5}{4} A, \Pi$$

ISP: TR=(dist, apry) (S, V, TR, A, B, TT)

$$S = \{OK, Maint, Failed\} = \{OK, M, F\}$$

$$V = \{AO, 20, 30, 100, 200\}$$

$$TR = \{TR_{MI}, TR_{MI}, TR_{FI}, TR_{P}\}$$

$$TR_{MI} = \{U(a,b), b(v) = 0, false\}$$

$$TR_{MI} = \{U(a,b), b(v) = 0, false\}$$

$$TR_{I} = \{U(a,b), b(v) = 0, false\}$$

$$TR_{I} = \{V(M,\sigma), b(M) = 0.5, b(20) = 0.33, b(30) = 0.44$$

$$TR_{I} = \{U(M,\sigma), b(30) = 0.33, b(200) = 0.47, false\}$$

$$S = \{OK, Maint, Failed\} - \{OK, M, F\}$$

$$V = \{10,20,30,100,200\}$$

$$TR = \{TR_{MI}, TR_{M}, TR_{F}, TR_{R}\}$$

$$A = \{TR_{M}, TR_{M}, TR_{F}, TR_{R}\}$$

$$TR_{M} \neq \emptyset$$

$$TR_{R} \neq \emptyset$$

$$TR_{R} \neq \emptyset$$

$$T = \{1,0,0\}$$

(1) Sconet (SCnT (2) Fall Froml (3) [seep | Treset (.)-1)

