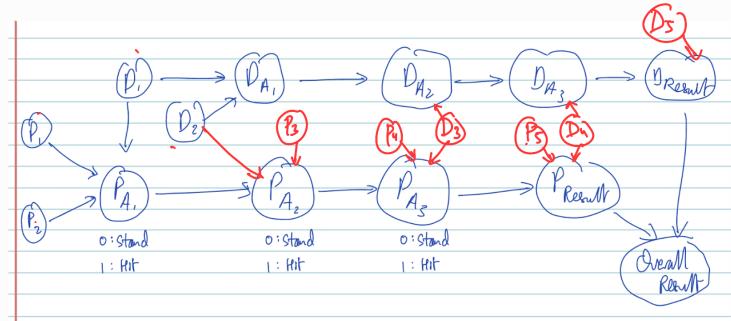


c1 -> c5 , a1

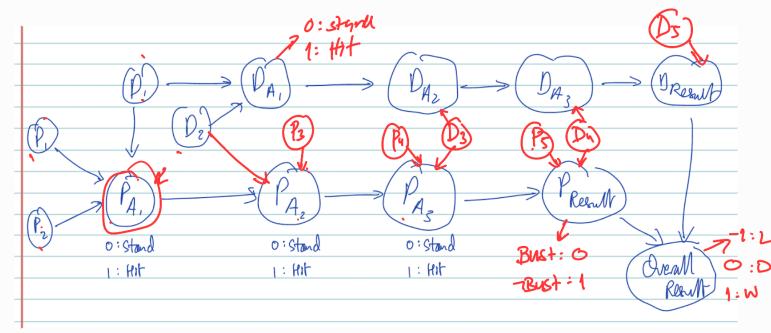


Aport:

Mre to estimate the dealers sum

Action

H



Player CPT: Pealer CPT:

P(PA1 | P1/P2/D1) P(DA1 | D1/D2) CPTS

P(PA2 | PA1/P3/P2) P(DA2 | DA1/D3)

P(PA3 | PA2/P4, D3) P(DA3 | DA2/D4)

P(Pr | PA3, P5, D4) P(Dr | DA3, D5)

P(RI | Pr, Dr)

Assume that the dak is alway IZ.

Player CPT: Dealer CPT: P(DAI | DIDZ) P(PA, 19, 1P2, D1) P(DAZ | DAV D3) P(PAZ PAI/P3/PZ) P (DA31 DA2, D4) PC PA3 | PAZ, PU, D3) P (Dr | DA3, D5) P(Pr | PA3, Ps, D4) Ace, Low, 10s P(R/ Pr, Dr) 900,000 hards Filter observations for P1 > P5, D1 > D5, PHI > PA3/DA > DA3 PA1 | P3 | P2 | PCA2 | PA1 P3192 Pr, pr, R 9 empty archimoles another dictioning 3 Keys to tell a curtor for each observation 1>27 entries observed dictioner we it to compare CPT your? {P1:{0:x,1:y,-1:2}} = observation

rested dischiorany

(omt (D1, D2, DAn) Count (P1/P2/D1/PAI Count (DANT), DAN D n+2) nE[14] (out (Pai, Pita, Ditt) ie [1,3] 1) Look at the dataset and count all the observation Is stored them in a distionary Modeling Bet 2) Compute CPT 75% affer like Exi Pi Pz Di PAI Count 0 0 0 0 76 p (1) rourds incement bettigg elle 50% = Stay conservative P1-P2-d1-PA1-drd= {(0,0,0,0): count,...3 3 P(x) · E(x) + P(x2) · E(x2) 2 - - · P(dr) · E(dr) $p_1 - p_2 - d_1 - dict = \int_{11}^{12} (0,0,0) : confs$ 18 dictionaries Brite-fredry Medhod