Convers de vendures Thereseen and

Fall 2023

PCIa)+P(b) = [(1-0)(1-B)(1-b) + (1-0)(1-B)(A) Similarly, we want ou = con 0 W2 = (1-0)(1-β) λ [c1-0)(1-b)(1-x) + (1-0)(1-B)x] w3 = 0-(1-2)(1-2) [O(1-4) (1-4) + Q y(1-4) W4 = 0x (1-2) [0(1-1)(1-1) + 0)(1-1) wg= 0(1-2) (1-2) [0(1-7)(1-1) +07(1-1)] W6 = 02(1-Y) [(X-1) TOT(1-Y) LOT(1-X)] W7 = (1-0) B(1-4) [(1-0)B(1-x) +04(1-x)] Wa = Od (1- Y) [(1-0) B(1-4) + O4(1-4)] DE A DED JONES M-SKP -> This step is basically recalculating probabilities O, d, B, y, h based on new weights

Onew = Symat weights where C=1

Sum of all weight wit wa twa touth a the that ma sum of weights (A=0,c=1)+(A=1,c=0) W3+W4+W5+W6+W8 sum of w, given (A=0, C=0) + (A=1, C=0) w,+w2+w7 Sum of wy given B=1 & A=1 sum of ws given CB=0, A=1) + (B=1, A=1) 2 0 0 1 1 = 0 (0 · /) Y new WG + W7+W8 new = Sum of w given B=1 & A=0 Sum of w, given CB=0, A=0) +(B=1, A=0) W1+W2+W3 + W4+W5

