

argmax a (sea) - echi hago: - Returns (St, at). append (G)
- Q(St, at): - Avg (Redurns (St, at)) The transfer of the control

Let e/(A(S+1)) , $a = a^{*}$ 3) Off-policy uc control

- noponear anysak no b (behaviour)

- 08/297 m V_B(s), D_B(s,c), a V_T(s), Q_T(s,a), T+b $\mathbb{E}_{px}[f(x)]$, $\times_n f(x)$ f(x) f(x)Importance sampling $V_{\pi}(s) = \mathbb{E}_{\pi} [G_{t} | S_{t} = s]$ ff(x)p(x)dx Gt v choup $\int \left(f(x), \frac{p(x)}{q(x)}\right) \cdot q(x) dx =$ St: At, Sen, Att, -..., AT-11 ST $= \mathbb{E}_{q(x)} \left[\begin{array}{c} f \\ q \end{array} \right]$ Pr[Traj() St] = Tr(At | St) p (St+1 | St, At) T (Ath | Sth) p (Str2] -) T-1 - p(ST1ST-1,AT-1) $= \prod_{x \in A_{k}} \frac{1}{p(x)} = \prod_{x \in A_{k}} \frac{1}{p(x)} = 0$ $= \frac{1}{p(x)} = 0$ p(x) = 0 p(x) = 0Pt:T-1 = Pr[Trajl B, St] = Pr[Trajl B, St] = Tr(Ax18x) p(Statl Sk, Ak) TT-1 T(Ak(Sk))

TT (B(Ak(Sk)) P(Skat(Sk)) Ak)

TT-1 B(Ak(Sk)) k=k

Coverage: 45a T(als) >0 =) => &(a/s)>0VII(S) = [E & Gt. 3t: T-1 St = S] PT=1 St= Jen (Te)



