

```
2) P(X,T,Y) = \rho(T) \rho(Y|T) \cdot \rho(X|T)
2.2) P(X,T,Y) = \rho(T) \cdot \rho(Y|X,T) \cdot \rho(X|T)
2.3) P(T=1) = 0,5
       P(X=huznoe|T=1) = 350
       P(X=m2n0e | T=0) = 350
       P(Y=11/=nerznoe, T=1) = 234
       P(Y=11 X=kuznoe, T=0) = 81
       P(V=1) X= Breach T=1) = 80
       P(V=1) X = Borcocce, T=0) = 192
263
 1) \lambda = \{1. \frac{234+55}{350} - \frac{8(+192)}{350} = 0,046\}
     234 - 81 = -0,064
270 - 87 = -0,064
255 - 182 = -0,043
263 = -0,043
  Bugue, vo 6 izerou 270, no nou no spegna
 mynnau ona weryone O.
2) Curaci 1 pazoonan na recuru
    e organ paraupant morpio, currai ?
   T:= El Y(ucxog)
     X (gasienne)
    t=1 => Y=C1 => EC1 = Ex Y:= E (Y | T:=1)
   f=0 \Rightarrow EC_0 = E_0^* Y = E(Y | T = 0)
    Thy cras y:0- no zwe gabienne, y=1- 6 become
   ATE = ECI - ECO = E(YIT:=1) + E(YIT:=0)
    pp(y=y|T:=t)= \ \ p(y|x,t) - p(xH)
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P(y=1) T:=()=\sum_{x=0}^{1} P(X=x|T=()) P(y=1|X=x|T=1)=
=\frac{270}{350} \frac{234}{270} \frac{80}{350} \frac{55}{350} \frac{234+55}{350} \frac{289}{350} \frac{289}{350} \frac{289}{350} \frac{289}{350}
       P(Y=0|T=0) = \frac{87}{710} \frac{37}{350} \frac{31}{87} + \frac{197}{350} = 0,78
        ATE = 0,823-0,78 = 0,043
    36) Anavorumo, crumamo Syseu moisro gue 2-20 Cuy-
     2al
      ATT = E (C(T3=1) - E (Co (T=1) =
      z E (C, (T=1) = 2 E (Y (T:=1, T=1) = 0,825
       E(Co 1 T=1) = E(Y/ T=0, T=1) =
      \approx \sum_{x=0}^{\infty} P(x=x|T=1) \cdot P(y=1) T=0, X=\infty) =
        =\frac{270}{350} \cdot \frac{81}{87} + \frac{80}{350} \cdot \frac{192}{263} \approx 9.885
      ATT=0,825-0,885 = -0,06
      b= E(G T=1) - E(G T=3) =
      = E(YI T = 0, T=1) - E(YIT=0, T=0)=
      =0,885-0,78=0,105
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