D/z k ypacy 22. Dans jnoverme japonias og loorsopren bonnyciannal. 100,80,75, 77,89,33,45,25,65,17,30,24,57,55,70,75,65 84, 90, 150. Noamtons epodnee apagneturered, epodice Abadrasmenol oblitonome, emergennyo a nocueryenyo Source Thenopen and Jamoir Cadopun. Pern'i) I = Exi = 1306 265,3 2) $8^{2} = \frac{\sum_{i=1}^{2} (x_{i} - \overline{x})^{2}}{2(100 - 65,3)^{2} + 14,7^{2} + 11,7^{2} + 11,7^{2} + 23,7^{2} + (-32,3)^{2} + 11,7^{2} + 11,7^{2} + 23,7^{2} + (-32,3)^{2}$ $+ \frac{(-20,3)^2 + (-40,3)^2 + (-0,3)^2 + (-48,3)^2 + (-35,3)^2 + (-41,3)^2 + (-8,3)^2 + (-8,3)^2 + (-10,3)^2 + (4,7)^2 + 9,7^2 + 18,7^2 + 24,7^2 + 84,7^2 = 10$ $=\frac{13002.2}{19} = 1000.1$ $S = \sqrt{1000.7} = 31.62$ 3) aneyers man orgenica: b(x) = = (x;-x)2 = 950,11 ne ceressimme $D(x) = \frac{\sum_{x=1}^{n} (x - \overline{x})^2}{n-1} = 1001.1$ 1) I negleen enjure nandhare & moulin, my notopour Peru: Tou Sever maja coolyanu and journey enocodami 1 cmoco o Ser 3 Jeu 2 cnocos 1 Sea 2 Ser 3 corocos 2 der

1. curod: $P = \frac{C_3^2 \cdot C_5^2}{C_8^2} \cdot \frac{C_5^2 \cdot C_7^2}{C_{12}^4} =$ ede (3 - una los anocados cooparo y s neservors 2 entra, CS - War to chocolob codparo y 5 Sever O meren (3 - Kon bo been ucrosolo (mg d mercin no 2 mora). anauorivensie par cystodenne dene desporo suguina Urozo mucem: (=) 3t st 2t6t 5! 21 4!8t = = 4! 5! 7! = 21.84.23.4.5.7! = 1 = 0,015 3 cmara: P = C3·C5 C5 C5 C2 = 3+5|5|7|2+6|4+8+ C3·C5 C5 C12 = 3+2+3|4+3|4|8+12|2 = 4.5.31.4.5.3.4.8.6.21 = 5.5 = 25 = 0,13 Toda noumal beparenos: P(Icn + 11 cn + 111 cn) = 0,015 + 0,23 + 0,13 = 0,375 Cuapeaniono comende a nordodare & human.

Rep-le nonasamula sur replacio cuapeaneria 0,9,

and traporo-0,8 sur Tredalro-0.6 Nantra

Serrosandello so barger uprouglaisen:

a) replación cuapsamenan. () bologiam enopolariemon, (3) Ha copelinogamin no bust comy dum in Thex Pen: 1. manorodour, 10 borapera euse ne douton coolete burgen sommin nor ne nacymuno. l'accuro pour oper surobegoi H, Uz u Hz. Hi - Aperel 1-vin enopsemen H2 - III- 2-vin enopsemen Mz - -11- 3- un acqueramen

No maccinency enverenme Copporence. Pacamolphu jabucumoe costatue: A- apougle. Den soumain buched No a yendours jodann muean Due rescooro croptanera (sunotega). PH, (A) = 0,8 PH2(A) = 0,6 PH3(A) = 0,6 No popuye nouman leparturen, uneex; P(A)=P(H1).PH(A)+P(H2).PH2(A)+P(H3).PH3(A). $=\frac{1}{3}.0.9+\frac{1}{3}.0.8+\frac{1}{3}.0.6=\frac{1}{3}.0.23=0.77$ Temps, bougen monsbeden u en Toren, andoncerlono codorrere A-, sommin bracepermongameno, sorda no gornegue baneca;

PA (H.) = P(H.) · PH. (A) 1/3 · 0,9 = 0,59.

P(A) 0,77 2. PA (H2) = P(H2). PH2(A) = 1/3.0,8 P(A) = 0,77 = 0,55 3. PA(H3) = 1-PA(H1)-PA(H2)=0,26,5.4. morega H, H2 n Hs - odpazyrob namyn nymny coronaria. Odolo: a) 0,38 8) 0,35 1) 0,26

(4) Prymbepenses na gangustella An Buorgumo Palance had les crydentols a na pare (expensels vioceymuno creundo spe insurantes na An & buecce. Report moch sono res crydent panymotera A chace newborn ceccuso, palona o, 8 Jule crydenta pareynotera (-0.9. Capelle chan replano ceccuso vanda (200 on yeure chan hadan eccusio vanda (200 on yeure a) na pare A d) pare (6) Pen. Paccurafunde Ju runosega H, H2 4 H2: H, - explent yenral na franc. A. H2 - expens juace na jare B. Hz - copper yutal na for . C. T.K. pak. Cg = Ag + Bg un As Cs Repalman budgal anymannoro expensa: Out for B: P(H2) = 4 One face C: P(H3) = 1 Paccinofina jaloucinose cooberse C-Agdens dan signmen. Torda due naskden y sunder no gardono jadami.
PH (C) = 0,8 - beparensero, 26 organi Janyrosere A. Task (ce due days dynus: PH2 (C) = 0,7 n PH2 (C) = 0,9. Rogonwel nounoir lepolhoili: P(C) = P(H1). PH1(G) + P(H2). PH2(G) + P(H3). PH2(G) = 0,25.0,8+0,25.0,7+0,5.0,9=0,825-bejorenach Us naydary bor pannon colden y inobbix There farigerototolo Edare sujamen 0,825.

Temps no yendonso jadaren et famt dan skjanen, 5.e. coldtne C upayoures. Tolda no papuyue Saneca: a) Pa (Hi) = P(Hi). PHI(G) = 0.25.0,8 = 0,24 8) PC(H2) = P(H2) · PH2(G) = 0,25.0,7 = 0,21. b) v. n. rumosegn H, Hz n Hz odpazytor namyo rpjuny atradia, vo: PG(H3) = 1-(PC(H1)+PC(H2))=1-0,45=0,55 0,24 5) 0,21 b) 0,55 S Yelpeneloo coebene y pox decauli. Die nerben verann beperenoed beginn in choe 6 northeri meny palano 0,1. In boomati I 9,2, due poben-- 0,25. Nanoba bep & Torb 26 inerben nerry buildes y edgel: a) bie decauli J coloko des decaum () xoebor Due decaum J coloko 20 days decauren? Pen: Tyers A, - covertue basséde uj espel upbour desaule. Az - 1/- le sepoir desaur, Az - presser desaule. Coopel A, Az, Az-negaloremente. Torda a) { be contine brune y copone } oro P(A1. A2. A3) -= P(A1). P(A2). P(A3) =0,1.0,2.0,25=0,005. 5) Tourno de de oum bounder my chose. 250 y andone motoro a corpato aredyrougues anocoders: P(A) = P(A, A2 · A3 + A, A2 · A3 + A, A2 · A3) = = P(A, A2, A3) + P(A, A2, A3) + P(A, A2, A3) =

 $= 0.1.0.2 \cdot (1-0.25) + 0.1.(1-0.2) \cdot 0.25 + (1-0.1) \cdot 0.2 \cdot 0.25 =$ = 0,015 + 0,02 + 0,045 = 0,08 - beparenoch 200 bourdy & y Aprol Terrors de De Cane. l) x0600 en some derants bounder uj Apal, 300 = 21- un Ducano ne bounder es Aport non 1-P(A, A2. A3) = 1-P(A,).P(A2)P(A3)= = 1-(1-0,1).(1-0,2)-(1-0,25)=1-0,54=0,46 2) of dervis dobys decorreis buildes ig Apoil. De decarre bruides y expert ma passentamen & mynice d) 000 0,08. Pacomorain 100 nouseo Dua deans builde ug esport: P(A, A2 A3 + A, A2 A3 + A, A2 A3) 20,1. (1-0,2). (1-0,25)+ + (1-0,1).0,2.(1-0,25)+(1-0,1).(1-0,2).0,2520,06+ +0,135+0,18=0,375 Toda uerouare benienne 000 & beparenoccen otus coobecuá: 20,08+0,375=0,455

Pasoca nad omnisteann, ugadamuro al 2. ngunt 8) kandoa beportnoch, 200 Dea mera bevole: Tamoi bannane mosseno coofal aved growning monobanni. 1 lugar 1 lengun 15 15 , andros 0505 2 crocos 08 18 0505 2.3. 05 18 15 05 senous 1 anocos: Due neglorero enjura: nyero A-buracum-Daeu negbærn derer ne benne P(A.) = 10 Mych Az-Contarendaen bropon une ne bensiñ upen zudann 26 neplour sange ne Serrais P(AzIA) = 9 Due Lopero ey: K, - nephoni benou P(K) = 11 u B2 - Cooper voke dellow upen yandlan 1500 neploon væske dan berrain. P(B2 | R.) = 8. Torda due negoros cuarosa P(A, A2 | A, 18, 182 | K) = 10 - 2 - 11 - 10 = 0,044 Landros. Pacamalan orm Baymans u yumskur na 4, T.K. Cayman Car 2.1:12.4 pobudbeportude Oue reglos evoura: A, - negloom ne bertour P(A) = 10 n Az - boopon delsin upu gandem A, P(A2/A1) = = Due breparo enjura: B, - neplosin ne berson P(K) 2 11 n B2 mpar - bærnambonen Seusen myn gendom N, P(K2/K1) = 10 Toda Sure Capuança 2.1. P(A, A2|A, B2.132|B) = \frac{3}{9} \cdot \frac{1}{9} \cdot \frac{2}{10} \cdot \frac{9}{9} \cdot \frac{1}{11} \cdot \frac{9}{10} = 0,028(18) Toda Jul 2-20 mordon: 4x2.1 20, 15 (27)

3 anocoo: Due nephono enjura. Az - bropor H, - replaceré Serront. P(A,) = To denom upn yarobun A. P(A2/A1) 2 \frac{6}{9} 2 \frac{7}{3} Due beoporo essura: 15, - negbourne seusoni P(A,) = " n Az-booperi He deron you youdan B, P(B2/B1) 2 To Torda P(A, A2/A, B, B2/B,) 2 10. 3. 11. 16= 2800,0= Uroro due bapuação, 200 2 Sever. P=P1m+4. P2.1 anocos + P3 cnocos 2 =0,044+0,15(27)+0,008520,205 Ochec: more 8) 0,205.