| | • | | | |
|---|--|---------------------------------------|--|--|
| 3 POPISNA STATISTIKA | rosptyl 52 = 1 2 x2 - m2 | NA'HODNA' VELIC'INA | | |
| rel. četnost | sm. odchylka s=1527 | transformovana' nv | | |
| podm. sel. četnost | sikmost do | distribuchi fee nv (x) = P(X = x) | | |
| četnostni nezavislost množin | standardizovana hodnota xi-mu | marginalni distribuini fee Eichi | | |
| datom' souber | spicatost du | simultainni distribuini fee [(x,,xn) | | |
| jev | Lovariance S12= 1 2 xiyi-my m2 | existentni věta | | |
| četnostni tce p(x) | Rearsoning beginsent borelace 12 5,52 | | | |
| empiricha distr. fce F(x) | VAZENE' C'ISELNE' CHAR. | pstni fee T(x) = P(X=x) | | |
| kontingenčni tabulka | koeficient variace cr= 3 | SPOJITA' NV | | |
| četnostni rezdvislost znaků | geometricky primer Wxxxm | hustota psti 4(x) | | |
| coldeaux podm. rel. cetnost Pijk = ngh | The state of the s | diskreithi naihodhy' vektor | | |
| | spoletny respty 52 = 32 + 52 = 54 + 52 | | | |
| | | STOCHASTICKY NEZA'VISLE' NV | | |
| intervalous' roslosani | regresn' přimka y= Bo+Bax | rozloženi nv zneme T(x) | | |
| Sturgersono provido 1+3,3 log n | egresni parametry y=m2+ st (x-m1) | degenerovane Dg(m) | | |
| tabulka rozlożeni cetnosti | index determinace 103 = 1042 | alternativni A(0) | | |
| histogram | sdružene regresni přímky | binomickel Bi(m, v) | | |
| hustota četnosti (W) | koeficient korelace | multinomicke Mu(m, vi,, vi) | | |
| intervaloua' empiricha' distr. fice | POČET PRAVDE PODOBNOSTI | Poissonous Po(2) | | |
| simultainmi četnost p(x13) | zakl. prostor, pokus | Pascalous (neg. binomicket) NB(M, 0°) | | |
| marginalini četnost po(x), po(y) | jevové pole | geometricke Ge(v) | | |
| stereogram | pstni' prostor | hypergeometrickel Hg(N,M, N) | | |
| simultainni hustota četnosti F(x13) | zaton veltych čísel | ovnomernel Rd(G) | | |
| marginalni hustota četnosti fich), ficy | | rozlození spojitých nv zname ((x) | | |
| | DISKRE'TM' PRAVDE PODOBNOST | rounomernel Rs(a,b) | | |
| nominalni/ordinalni znak | valhoual fee | normally; (Gaussous) N(ju, G2) | | |
| intervalous /pomerous 2 rak | KLASICKA' PRAVDEPODOBNOST | logaritmicko normailmi LN(ju, 5) | | |
| Cramera koeficient | stochasticky nezalviski jevy | learsonous X2(K) | | |
| | PODMI'NE'NA' PRAVDE PODOBNOST | Studentovo X2(m) | | |
| kvantil (2-kvantil) X | nalsobeni psti P(A/H) = P(A/H) P(H) | Fischerous-Snedecorous F(m, m2) | | |
| media'n x uprostred | uplna' pst P(A) = E P(Hi) P(A/Hi) | Cauchyho | | |
| Spearmanily koeficient | Bayesûn vzorec P(Ha/A) = P(Ha)P(A/Ha) | exponencially (X) zname; | | |
| aritmeticky primer X m= 1 2 xx | GEOMETRICKA' PRAVDEPONOBNOST | Laplacapus | | |
| centrovana' hodnota x:-m | borelousker pole mnoziny fee (B)= mus (B) | Weibullous Wb(5,E) | | |

| stal fee Theles | typy konver | typy konvergence posloupnosti nv | | | | |
|---|---------------|----------------------------------|------------------|-----------------------------------|---|--|
| oustota psti 1/*(8) | Celonievova | veta P | 1 x X; - pul < 8 | 2) ≥ 1- 52 | | |
| emonoto'nni transformace | Bernoulliova | veta P(| 1 m- 0 (< E) | ≥ 1- x(1-v) | 4 | |
| ransformace nathodnetho vektoru | centrallni li | mitmi uet | a Um = NO,i |) | | |
| convoluce | Moivre-Lap | laceova v | Ha Um = Ym-m | 2 × N(0,1) | Ym ~ Bi (m, v"), m=1,2 E(Ym) = mv, D(Ym) = mv(| |
| LHAR. NV | Paissonova | veta | Ym 2 Po(2) | Pin r Bi (m, Vm), lim m Vm = 2 | m=1,2 | |
| Lvantil KL(X) | | | | | | |
| kvartil Ko,25(x), resp. Ko,75(x) | | | | | | |
| media'n Ko,so(x) | | | | | | |
| decil Ko, 10 (4) | | | | | | |
| kvartilova odchylka q= Knas(x)-Ko,25(| 4 | | | | | |
| wantily uybraných rozložení nv | | | | | | |
| wantily transformovand nv E(x) = * * T(x) | | | | | | |
| E(x) = Z x T(x) tredni hodnota nv E(x) = [x y(x) dx | | | | | | |
| rosptyl nv $D(x) = E(x^2) - E(x)^2$ | | | | | | |
| sm. odchyllca | | | | | | |
| centrovana' nv X-E(X) | | | | | | |
| standardizovana nv X-E(X) | | | | | | |
| kovartace nu $C(X_1, X_2) = E(X_1 X_2) - E(X_1) E(X_1)$ | <u> </u> | | | | | |
| corelace nv $R(X_4, X_2) = \frac{C(X_4, X_2)}{\sqrt{D(X_4)}} \cdot \sqrt{D(X_2)}$ | | | | | | |
| ich a Da) vybraných rozložení nu | | | | | | |
| nomenta, sikmost, spicatost nu | | | | | | |
| rektor strednich hodnot nv | | | | | | |
| var(x) variazn' a karelazn' matice nv | | | | | | |
| LASTNOSTI C'ISELNYCH CHAR. N' | / | | | | | |
| tredn' hodnota | + | | | | | |
| covariance | | | | | | |
| | | | | | | |
| ozphyl Korelace | | | | | | |
| P(X>EE(X)) & } Markovova nerounost | | | | | | |
| P($ x-E(x) > L(D(x)^{r}) \le \frac{1}{L^{2}}$ Lebysevova harovnost | | | | | | |

