

| | Date: Page No. |
|----------|--|
| | a' = [1,0,0,0], a' = [0,1,00-0] |
| , low | |
| 109ether | (0500ct) < ll. < |
| 0.95 | armach |
| 40.3 | < M2 S |
| | 0'2 [1,-1,0,0], \ \(\mathreal \mathreal \), \(\leq \mathreal \mathreal \), |
| | |
| : | |
| | |
| | 71 - (n-1)P F (2) X SII SUI S NI + (n-1)P F (2) x SII |
| | ~ Jn-P |
| | |
| | $\frac{1}{x} - \frac{x}{x} = \frac{x}$ |
| | |
| 1 | |
| | < Up < |
| * 4 | 1.1 (M) + |
| | All hold simultaneously with confidence coefficient |
| | 1-2 |
| | n no g obseration |
| | Nnxp > 2/3 / Spxp > Sjj n nog obstration PD X1, xp. |
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| A COLOR | |
| W. | |
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| | Date: Page No. |
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| | Bonfersoni's Method |
| | Ci denotes a confidence statement about li |
| | P(Ci fru)=1-di i=1,2,, P |
| | P(all Citrus) = 1-P[at hast one Cifalse] |
| | > 1- EP(Cifalm)=1- E(1-P(Cifnu)) |
| 1 de la constante de la consta | = 1- (d1+ d2+ d3-+dp) |
| | 2 1-2 |
| | P[xi+ tn-1 (d) Sii contains Mi H 1/2 1,2p] |
| | $> 1 - \left(\frac{\alpha}{p} + \frac{\alpha}{p} + \frac{\alpha}{p} \right)$ |
| | 2 -4. |
| | $\overline{\chi}_{1}-t_{n+1}\left(\frac{\alpha}{2p}\right)\frac{S_{11}}{N}\leq \mu_{1}\leq \overline{\chi_{1}}+t_{n}\left(\frac{\alpha}{2p}\right)\frac{S_{11}}{N}$ |
| | $\frac{\gamma_{i}-t_{n-1}}{2p}$ $\frac{S_{ij}}{S_{ij}}$ $\frac{S_{ij}}{S_{ij}}$ $\frac{S_{ij}}{S_{ij}}$ |
| | SUPS |
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| | Summarization of CR | (Page No. |
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| | Can I | |
| | | |
| | X~Np(M, E), Eknown. | |
| | $n(\overline{x}-\mu)^{1} \overline{z}^{-1}(\overline{x}+\mu) \sim \chi^{2}_{p}$ | |
| | 100 (1-2) 70 CR n(x-4) 5 (x- | μ) $\leq \chi^{2}(x)$ |
| | Ho: 4=40., M12 4 + 40 | |
| 1 | @ n (x-40) \ \(\hat{x}-40) > \cho(\hat{x}) | réject 110 |
| | | April 1 |
| | The state of the s | |
| | 0.0 | |
| • | Cax 2 | |
| 0) | X~NQ(M, E) E contrown | <u>-(()</u> |
| | | |
| · | n-p> 40 | |
| | n-p> 40 | |
| | n-p> 40 | Reject Ho |
| | $n(\bar{x}-\mu)'s^{-1}(\bar{x}-\mu)$ | when LHS > RMS |
| | $n(\bar{x}-\mu)'s^{-1}(\bar{x}-\mu)$ | when LHS > RMS |
| | n(x-4)'s-(x-4) | when LHS > RMS |
| 5) | $n(\bar{x}-\mu)'s'(\bar{x}-\mu)$ | When EHS > RMS () C) Uhivariate mormal |
| | $n(\bar{x}-\mu)'s'(\bar{x}-\mu)$ $g^{2}p$ $ck: n(\bar{x}-\mu)'s'(\bar{x}-\mu) \leq \chi^{2}p$ even () is not following mu $distribution$ rest on tsu , b | When EHS > RMS () Chivariate mormal ecquise multivariate |
| | n(\hat{n-p} 40 n(\hat{n}-\mu)'s^-(\hat{x}-\mu) ch: n(\hat{n}-\mu)'s^-(\hat{x}-\mu) \leq \chi^{(\delta)} ch: n(\hat{n}-\mu)'s^-(\hat{x}-\mu) \leq \chi^{(\delta)} even 0 is not following mu distribution rest on true, b clt says for large n ie | when CHS>, RMS () Chivariate mormal ecquse multivariate N-P>40 |
| | n(\hat{n-p} 40 n(\hat{n}-\mu)'s^-(\hat{x}-\mu) ch: n(\hat{n}-\mu)'s^-(\hat{x}-\mu) \leq \chi^{(\delta)} ch: n(\hat{n}-\mu)'s^-(\hat{x}-\mu) \leq \chi^{(\delta)} even 0 is not following mu distribution rest on true, b clt says for large n ie | when CHS>, RMS () Chivariate mormal ecquse multivariate N-P>40 |
| 5) | $n-p > 40$ $n(\bar{x} - \mu)' S^{-1}(\bar{x} - \mu)$ g^{2p} $ck: n(\bar{x} - \mu)' S^{-1}(\bar{x} - \mu) \leq \chi^{2}_{p}(\bar{x})$ even () is not following mu distribution rest on true, b clt says for large n ie below things follow χ^{2}_{p} . | when CHS>RMS () Chivariate normal ecquise multivariate N-P>40 |
| 5) | n(\$\bar{n}-\bar{p}) \s^{-1}(\bar{x}-\bar{\mu}) \s^{-1}(\bar{x}-\bar{\mu}) \s \gamma_p^{(\bar{\bar{\bar{\bar{\bar{\bar{\bar{ | when CHS>RMS C) Chivariate mormal ecquise multivariate N-P>40 0<40 |
| 5) | n(\$\bar{n}-\bar{p}) \s^{-1}(\bar{x}-\bar{\mu}) \s^{-1}(\bar{x}-\bar{\mu}) \s \gamma_p^{(\bar{\bar{\bar{\bar{\bar{\bar{\bar{ | when CHS>RMS C) Chivariate mormal ecquise multivariate N-P>40 0<40 |
| 5) | n(\$\bar{n}-\bar{p}) \s^{-1}(\bar{x}-\bar{\mu}) \s^{-1}(\bar{x}-\bar{\mu}) \s \gamma_p^{(\bar{\bar{\bar{\bar{\bar{\bar{\bar{ | when CHS>RMS C) Chivariate mormal ecquise multivariate N-P>40 0<40 |
| 5) | n(\$\bar{n}-\bar{p}) \s^{-1}(\bar{x}-\bar{\mu}) \s^{-1}(\bar{x}-\bar{\mu}) \s \gamma_p^{(\bar{\bar{\bar{\bar{\bar{\bar{\bar{ | when CHS>RMS C) Chivariate mormal ecquise multivariate N-P>40 0<40 |
| 5) | $n-p \ge 40$ $n(\bar{n}-\mu)'S^{-1}(\bar{\chi}-\mu)$ $n(\bar{n}-\mu)'S^{-1}(\bar{\chi}-\mu)$ $n(\bar{n}-\mu)'S^{-1}(\bar{\chi}-\mu)$ $n(\bar{n}-\mu)'S^{-1}(\bar{\chi}-\mu) \le \chi^{2}(\alpha)$ $n(\bar{n}-\mu)'S^{-1}(\bar{\chi}-\mu)$ $n(\bar{n}-\mu)'S^{-1}(\bar{\chi}-\mu)$ $n(\bar{n}-\mu)'S^{-1}(\bar{\chi}-\mu)$ $n(\bar{n}-\mu)'S^{-1}(\bar{\chi}-\mu)$ $n(\bar{n}-\mu)'S^{-1}(\bar{\chi}-\mu)$ $n(\bar{n}-\mu)'S^{-1}(\bar{\chi}-\mu)$ $n(\bar{n}-\mu)'S^{-1}(\bar{\chi}-\mu)$ $n(\bar{n}-\mu)'S^{-1}(\bar{\chi}-\mu)$ | when CHS> RMS Chivariate mormal ecause multivariate N-P>40 P<40 P<40 LHS> RMS |
| 5) | n(\$\bar{n}-\bar{p}) \s^{-1}(\bar{x}-\bar{\mu}) \s^{-1}(\bar{x}-\bar{\mu}) \s \gamma_p^{(\bar{\bar{\bar{\bar{\bar{\bar{\bar{ | when CHS> RMS Chivariate mormal ecause multivariate N-P>40 P<40 P<40 LHS> RMS |