*n A n Myn c yn c c n n n *o rn of Q it ti e*

n A c n nc n *t gi en e e of cert inty* c n c
c c n n y n n
c n nc n c n n n c
c c n c n nc n n n y c n c n

. e d n er

n c n nc n y

y p(sh n zero- d n er n

n n A n n n c c n y c nn y

n n n n c n y n

sh n c i n n c c n c n y n

p … *n* … *p(sh* …

A … χ …

. on core n er

… *the confidence inter is incorrect y ch r cterised* … *p* …

… *P* … *ct* … *e* … *P* … *P* …

G … *p* … *P* … *P* … *se rch* … *P* … *P* …

pop tion e n $\mu \equiv P$

pop tion st nd rd de i tion $\sigma \equiv \sqrt{P(\ldots - P\ / n}$

pop tion confidence inter $(E \quad E \equiv (P \quad z_{\alpha/} \ \sigma\ P \quad z_{\alpha/} \ \sigma$

… μ … σ

P $z_{\alpha/}$ σ_1 n p E P $z_{\alpha/}$ σ c cn c c c n
n c c

n c n nc n z n
n y P n cn c y z n
y n χ c
n y y c y P E/n

n y n n c n c c n
c y c c n n p n c
on core n er n n y n

i son score inter

[illegible]

[illegible]

c n y b b P n n b

n n b n r n c n P n n
c b b r c c n n b y
n n n

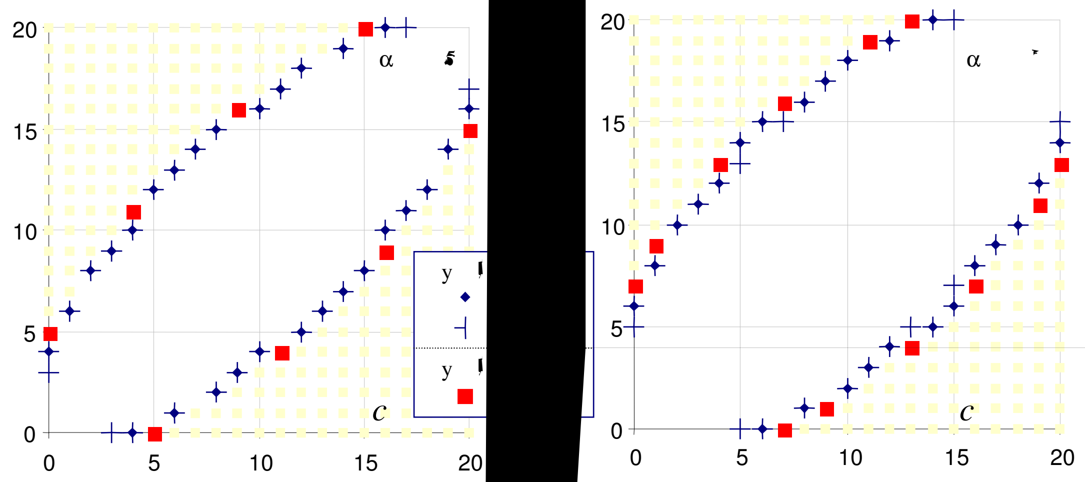
Bino i prob bi ity B(r n P ≡ nCr P^r (1 − P)^(n−r)

c n c n n n c b n nCr ny y n
c n b n r n

3. Evaluating confidence intervals

3. Me r ng error

- **ype error** … *rejecting*



ln e *post f cto* c ... ny y c ... n ... n
e pop on n n n n ... n n ... n
c c by ... n ... n ... ndependen
r e ... y by ... n c A n
χ nc n ... c n
n c n nc n n nc *p* n *p* c n

y c y by n y y n c n n
n by n
c d n *d* *n n c d*
c n n c y n by *G* n χ n χ

[illegible]

5 *n*