**Ejemplos para calcular intervalo de confianza para P**

> binom.exact(1:10, seq(10, 100, 10))

 method x n mean lower upper

1 exact 1 10 0.1 0.002528579 0.4450161

2 exact 2 20 0.1 0.012348527 0.3169827

3 exact 3 30 0.1 0.021117137 0.2652885

4 exact 4 40 0.1 0.027925415 0.2366374

5 exact 5 50 0.1 0.033275094 0.2181354

6 exact 6 60 0.1 0.037591269 0.2050577

7 exact 7 70 0.1 0.041159702 0.1952457

8 exact 8 80 0.1 0.044170940 0.1875651

9 exact 9 90 0.1 0.046755315 0.1813600

10 exact 10 100 0.1 0.049004689 0.1762226

> binom.wilson(1:10, seq(10, 100, 10))

 method x n mean lower upper

1 wilson 1 10 0.1 0.01787621 0.4041500

2 wilson 2 20 0.1 0.02786648 0.3010336

3 wilson 3 30 0.1 0.03459989 0.2562108

4 wilson 4 40 0.1 0.03957953 0.2305178

5 wilson 5 50 0.1 0.04347576 0.2136023

6 wilson 6 60 0.1 0.04664283 0.2014946

7 wilson 7 70 0.1 0.04928930 0.1923291

8 wilson 8 80 0.1 0.05154762 0.1851069

9 wilson 9 90 0.1 0.05350675 0.1792417

10 wilson 10 100 0.1 0.05522914 0.1743657

> binom.asymp(1:10, seq(10, 100, 10))

 method x n mean lower upper

1 asymptotic 1 10 0.1 -0.085938510 0.2859385

2 asymptotic 2 20 0.1 -0.031478381 0.2314784

3 asymptotic 3 30 0.1 -0.007351649 0.2073516

4 asymptotic 4 40 0.1 0.007030745 0.1929693

5 asymptotic 5 50 0.1 0.016845771 0.1831542

6 asymptotic 6 60 0.1 0.024090921 0.1759091

7 asymptotic 7 70 0.1 0.029721849 0.1702782

8 asymptotic 8 80 0.1 0.034260809 0.1657392

9 asymptotic 9 90 0.1 0.038020497 0.1619795

10 asymptotic 10 100 0.1 0.041201080 0.1587989

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| > binom.confint(x = c(2, 4), n = 100, tol = 1e-8) method x n mean lower upper1 agresti-coull 2 100 0.02000000 0.001095977 0.074417782 agresti-coull 4 100 0.04000000 0.012418859 0.101615163 asymptotic 2 100 0.02000000 -0.007439496 0.047439504 asymptotic 4 100 0.04000000 0.001592707 0.078407295 bayes 2 100 0.02475248 0.001548220 0.054878736 bayes 4 100 0.04455446 0.009880014 0.084957797 cloglog 2 100 0.02000000 0.003866705 0.063621308 cloglog 4 100 0.04000000 0.013067378 0.091752069 exact 2 100 0.02000000 0.002431337 0.0703839310 exact 4 100 0.04000000 0.011004494 0.0992571611 logit 2 100 0.02000000 0.005007519 0.0764317812 logit 4 100 0.04000000 0.015094076 0.1017560113 probit 2 100 0.02000000 0.004390455 0.0685035114 probit 4 100 0.04000000 0.014032309 0.0959480915 profile 2 100 0.02000000 0.003356435 0.0604794016 profile 4 100 0.04000000 0.012621438 0.0904830017 lrt 2 100 0.02000000 0.003353612 0.0604787518 lrt 4 100 0.04000000 0.012592624 0.0904826519 prop.test 2 100 0.02000000 0.003471713 0.0773639920 prop.test 4 100 0.04000000 0.012890866 0.1051115221 wilson 2 100 0.02000000 0.005501968 0.0700117922 wilson 4 100 0.04000000 0.015663304 0.09837071 |
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