

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

```
> binom.confint(x = c(2, 4), n = 100, tol = 1e-8)
```

	method	x	n	mean	lower	upper
1	agresti-coull	2	100	0.02000000	0.001095977	0.07441778
2	agresti-coull	4	100	0.04000000	0.012418859	0.10161516
3	asymptotic	2	100	0.02000000	-0.007439496	0.04743950
4	asymptotic	4	100	0.04000000	0.001592707	0.07840729
5	bayes	2	100	0.02475248	0.001548220	0.05487873
6	bayes	4	100	0.04455446	0.009880014	0.08495779
7	cloglog	2	100	0.02000000	0.003866705	0.06362130
8	cloglog	4	100	0.04000000	0.013067378	0.09175206
9	exact	2	100	0.02000000	0.002431337	0.07038393
10	exact	4	100	0.04000000	0.011004494	0.09925716
11	logit	2	100	0.02000000	0.005007519	0.07643178
12	logit	4	100	0.04000000	0.015094076	0.10175601
13	probit	2	100	0.02000000	0.004390455	0.06850351
14	probit	4	100	0.04000000	0.014032309	0.09594809
15	profile	2	100	0.02000000	0.003356435	0.06047940
16	profile	4	100	0.04000000	0.012621438	0.09048300
17	lrt	2	100	0.02000000	0.003353612	0.06047875
18	lrt	4	100	0.04000000	0.012592624	0.09048265
19	prop.test	2	100	0.02000000	0.003471713	0.07736399
20	prop.test	4	100	0.04000000	0.012890866	0.10511152
21	wilson	2	100	0.02000000	0.005501968	0.07001179
22	wilson	4	100	0.04000000	0.015663304	0.09837071

```
>
```

Intervalo al 95% para $p=0.1$

