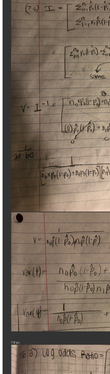
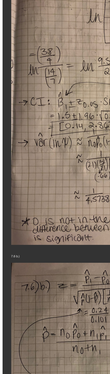
Chapter 7
Exercises 7.1, 7.6, 7.7 (in part (a) only the last exercise as it is shown Exercise 7.7 (a)), 7.8 (print part (b)), 7.9

7.1 (a)

7.1 (b)

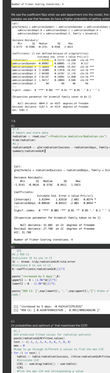


7.1 (c)

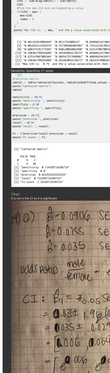


7.1 (d)

7.6 (a)



7.6 (b)

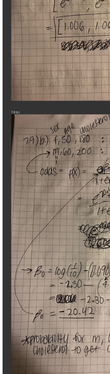


```
> ci.prop.test(c(39,25),c(50,50))
95 percent confidence interval:
 0.0194 0.3806
sample estimates:
prop 1 prop 2 0.78   0.50
```

```
> ci.prop.test(c(39,25),c(50,50),conf.level=0.90)
90 percent confidence interval:
 0.0374 0.3626
sample estimates:
prop 1 prop 2 0.78   0.50
```

```
> ci.prop.test(c(39,25),c(50,50),conf.level=0.99)
99 percent confidence interval:
 -0.0226 0.4226
sample estimates:
prop 1 prop 2 0.78   0.50
```

7.7 (a)



7.8 (a)

7.8 (b)

7.9 (a)

7.9 (b)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (c)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (d)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (e)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (f)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (g)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (h)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (i)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (j)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (k)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (l)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (m)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (n)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (o)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (p)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (q)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (r)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (s)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (t)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (u)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (v)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (w)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (x)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (y)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (z)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (aa)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (ab)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (ac)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (ad)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (ae)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (af)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (ag)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (ah)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (ai)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (aj)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (ak)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (al)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (am)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (an)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (ao)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (ap)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (aq)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (ar)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (as)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (at)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (au)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (av)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (aw)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (ax)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (ay)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (az)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (ba)


```
> ci.prop.test(c(7,12),c(7,12))
95 percent confidence interval:
 -0.2500 0.2500
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.90)
90 percent confidence interval:
 -0.2000 0.2000
sample estimates:
prop 1 prop 2 1.00   1.00
```

```
> ci.prop.test(c(7,12),c(7,12),conf.level=0.99)
99 percent confidence interval:
 -0.3000 0.3000
sample estimates:
prop 1 prop 2 1.00   1.00
```

7.9 (bb)