

Full study population in general

		Disease		
		+	-	
Test result	+	a	b	a + b
	-	c	d	c + d
		a + c	b + d	

Full study population, example

		Disease		
		+	-	
Test result	+	30	100	130
	-	10	300	310
		40	400	

Nested case-control sample,  
sampling fraction  $160 / 400 = 0.40$

		Disease		
		+	-	
Test result	+	30	40	70
	-	10	120	130
		40	160	