		Disease Status		
Exposure Status	Case	Control		
Exposed (+)	106	585		
Unexposed (-)	186	2165		

Table 1: Association between binge drinking and atherosclerosis

- 1. What is the incidence of outcome in the exposed group? In the unexposed group?
- 2. What is the RR for the association between exposure and outcome? The AR? The OR?

801

Table 2: Association between, stratified by gender			
Men	Disease	e Status	
Exposure Status	Case	Control	
Exposed (+)	89	374	

118

Unexposed (-)

Women		Disease Status		
Exposure Status	Case	Control		
Exposed (+)	17	211		
Unexposed (-)	68	1364		

3. What is the RR in men? What is the RR in women?

4. Is there evidence for confounding or effect modification?

Table 1: Association	between binge drinking	and atherosclerosis

	Disease Status	
Exposure Status	Case	Control
Exposed (+)	106	585
Unexposed (-)	186	2165

1. What is the incidence of outcome in the exposed group? In the unexposed group?

ANSWER: Incidence in exposed = 106/(106+585)=15.3% Incidence in unexposed=186/(186+2165)=7.9%

2. What is the RR for the association between exposure and outcome? The AR? The OR?

ANSWER: RR = 1.9 (1.6 – 2.4); AR=7.4%; OR = 2.1 (1.6 – 2.7) RR = 1.9 (1.6 - 2.4)

Tuble 2. Association between, stratified by genael			
Disease Status			
Case	Control		
89	374		
118	801		
	Disease Case 89		

Table 2:	Associati	on between,	stratified b	y gender
			Diagage (01-1

Women	Disease Status		
Exposure Status	Case	Control	
Exposed (+)	17	211	
Unexposed (-)	68	1364	

3. What is the RR in men? What is the RR in women?

ANSER: RR in men= 1.50 (1.16-1.93); RR in women= 1.57 (0.94-2.62)

4. Is there evidence for confounding or effect modification?

ANSER: The RR is similar between men and women, so there is not strong evidence for effect modification. The RR in the stratified analysis is lower (closer to the null of 0) than in the combined analysis, indicating evidence of confounding.