

1.

$$RR = \frac{a/(a + b)}{c/(c + d)}$$

|             |     |            |             |
|-------------|-----|------------|-------------|
| <b>1432</b> | A B | <b>320</b> | <b>1752</b> |
| <b>1000</b> | C D | <b>160</b> | <b>1160</b> |
| <b>2432</b> |     | <b>480</b> | N           |

$$RR = \frac{1432/1752}{1000/1160} = \frac{3184}{2160} = 1.47$$

ASOCIACIÓN POSITIVA

**2.**

|                  |                 |             |
|------------------|-----------------|-------------|
| <b>1000</b><br>A | <b>500</b><br>B | <b>1500</b> |
| <b>350</b><br>C  | <b>850</b><br>D | <b>1200</b> |
| <b>1350</b>      | <b>1350</b>     | <b>2700</b> |

$$S = a/a+c = 74\%$$

$$e = d/d+b = 29\%$$

$$vp - = d/d+c = 70\%$$

$$vp + = a/a+b = 66\%$$

Prevalencia: 0.5

3.

|     |      |      |
|-----|------|------|
| 15  | 835  | 850  |
| 150 | 650  | 800  |
| 165 | 1485 | 1650 |

$$RM = \frac{A/D}{B/C}$$

$$RM = \frac{15 \times 650 = 9750}{150 \times 835 = 125250} = .077$$

$$PROBABILIDAD = \frac{RM}{RM+1} = 0.06$$

$$\text{Prevalencia de expuestos} = 15/850 \times 100 = 1.7 \%$$

$$\text{Prevalencia No expuestos} = 150/800 \times 100 = 18.7\%$$