

Table 2 The above contingency table, now shown with the expected values

	HIV	$\overline{HIV}$	$\Sigma row$
Tuberculosis	4000 (4500)	3500 (3000)	7500
$\overline{Tuberculosis}$	2000 (1500)	500 (1000)	2500
$\Sigma col$	6000	4000	10000