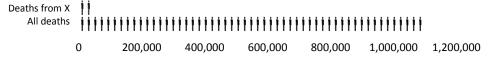
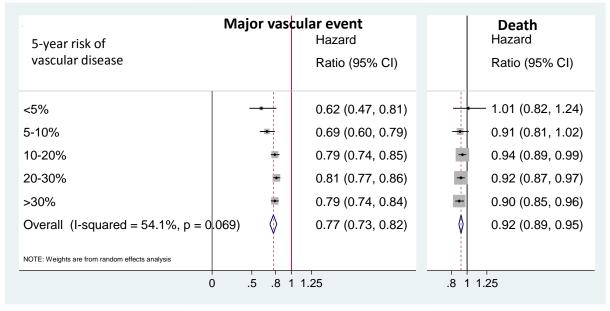
Numbers required for 90% power



Intervention X reduces the risk of dying from A by 30% (HR=0.70), but increases the risk of dying from by by 100% (HR=2.0). The risk of A is much higher in population 2 than in population 1 (and vice versa for B). The impact in terms of all-cause mortality in quite different in the two populations.

	Polulation 1			Polulation 2		
	Control	Treated	Differe nce	Control	Treated	Differe nce
Disorder A	400	280	-120	2000	1400	-600
Disorder B	125	250	+125	50	100	+50
Total	525	530	+5	2050	1500	-550

Intervention X reduces the risk of dying from A by 30% (HR=0.70), but increases the risk of dying from by by 100% (HR=2.0). The risk of A is much higher in population 2 than in population 1 (and vice versa for B). The impact in terms of all-cause mortality in quite different in the two populations.



Choleserol Treatment Trialists' (CTT) Collaborators, Lancet 2012.