Supplementary Material

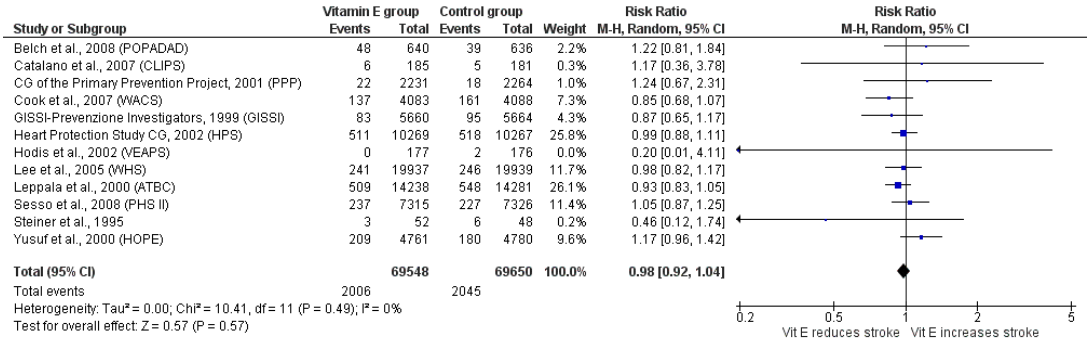

Figure S1. Forest plot for the relative risks of the effect of vitamin E on total stroke for individual trials and for the pooled population.

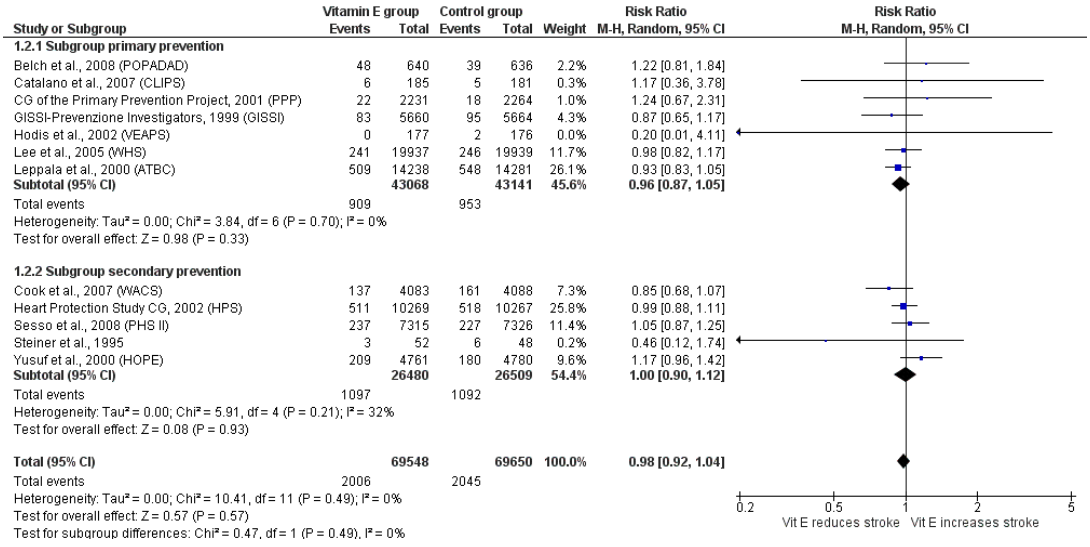

Figure S2. Forest plot for the relative risks of the effect of vitamin E on total stroke for individual trials and for the pooled population (Type of prevention subgroup).

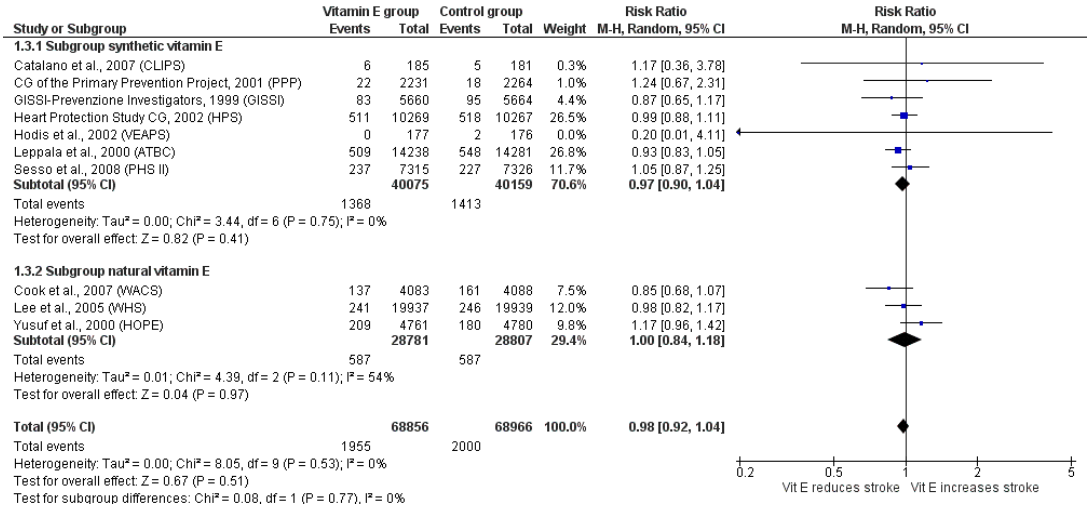

Figure S3. Forest plot for the relative risks of the effect of vitamin E on total stroke for individual trials and for the pooled population (Source of vitamin E subgroup).

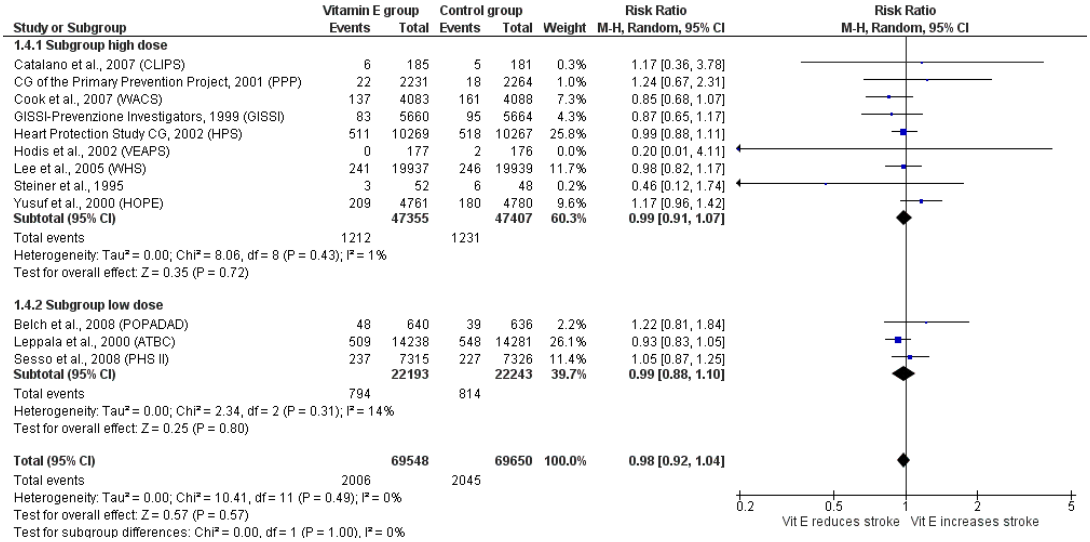

Figure S4. Forest plot for the relative risks of the effect of vitamin E on total stroke for individual trials and for the pooled population (Dosage of vitamin E subgroup).

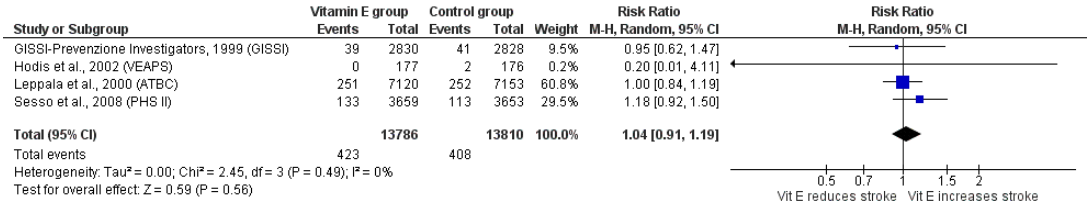

Figure S5. Forest plot for the relative risks of the effect of vitamin E on total stroke for individual trials and for the pooled population (Vitamin E alone).

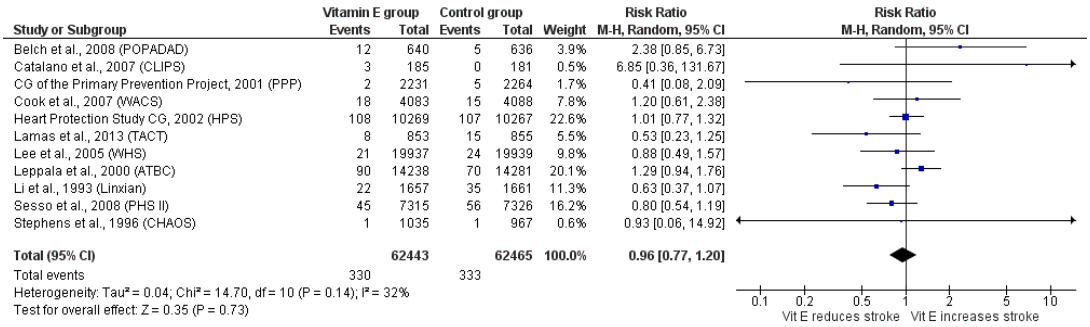

Figure S6. Forest plot for the relative risks of the effect of vitamin E on fatal stroke for individual trials and for the pooled population.

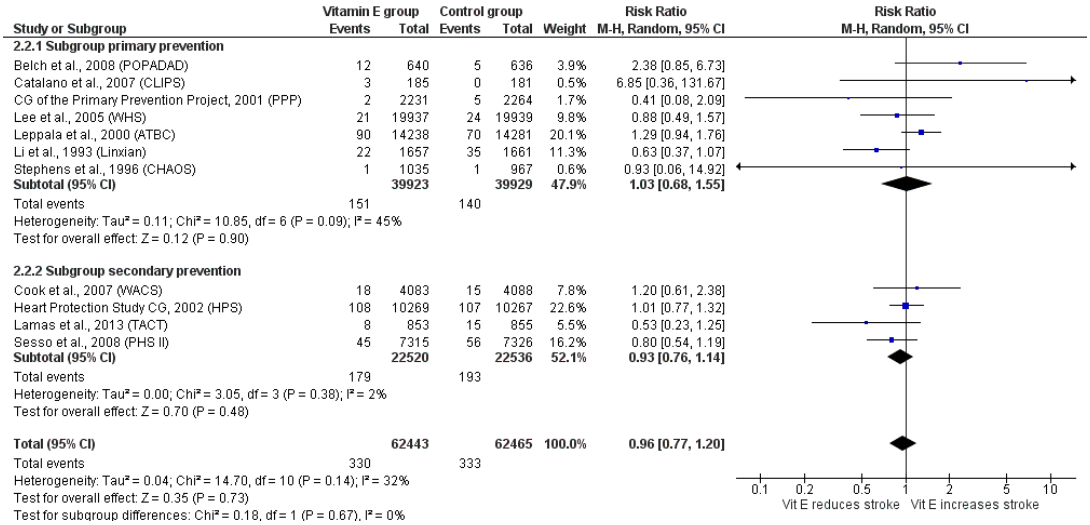

Figure S7. Forest plot for the relative risks of the effect of vitamin E on fatal stroke for individual trials and for the pooled population (Type of prevention subgroup).

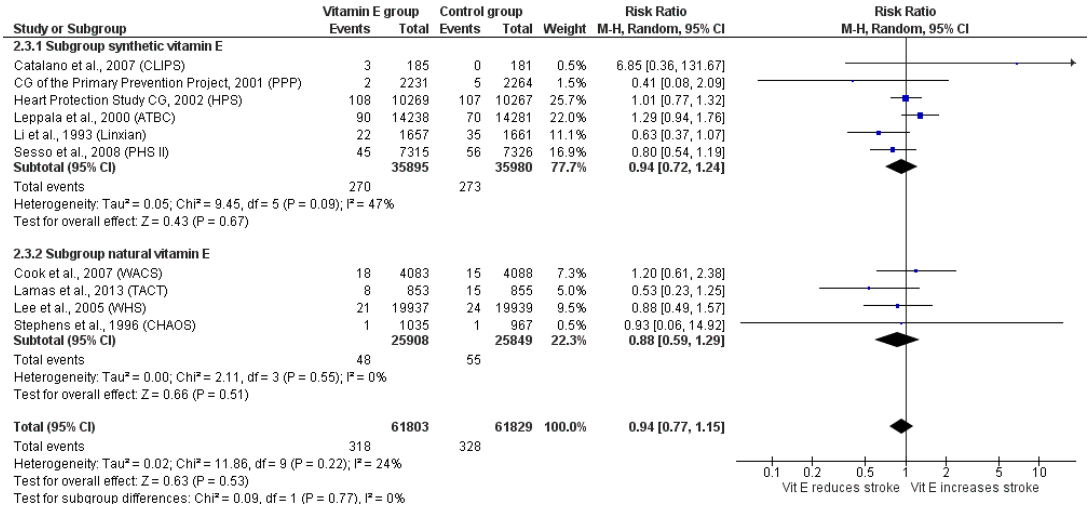

Figure S8. Forest plot for the relative risks of the effect of vitamin E on fatal stroke for individual trials and for the pooled population (Source of vitamin E subgroup).

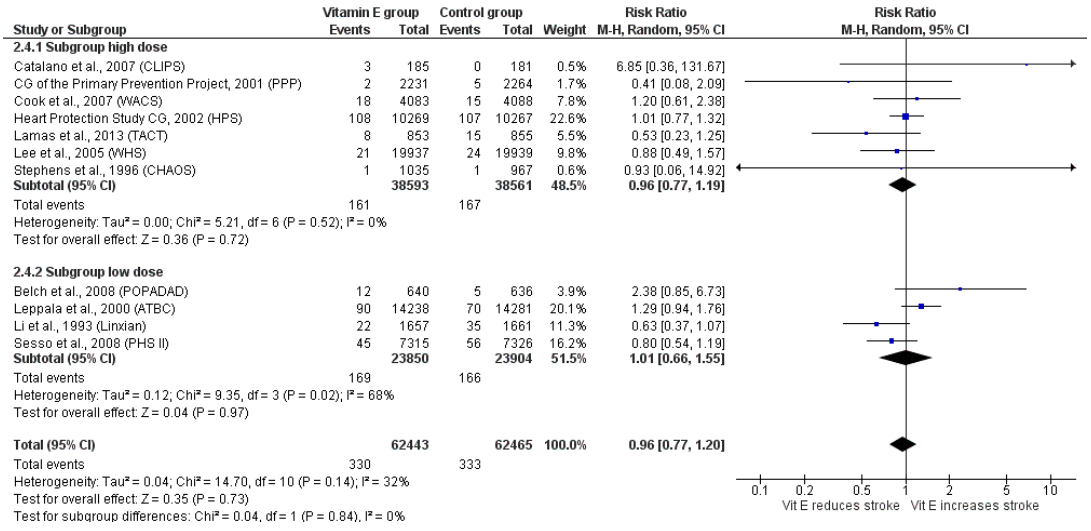

Figure S9. Forest plot for the relative risks of the effect of vitamin E on fatal stroke for individual trials and for the pooled population (Dosage of vitamin E subgroup).

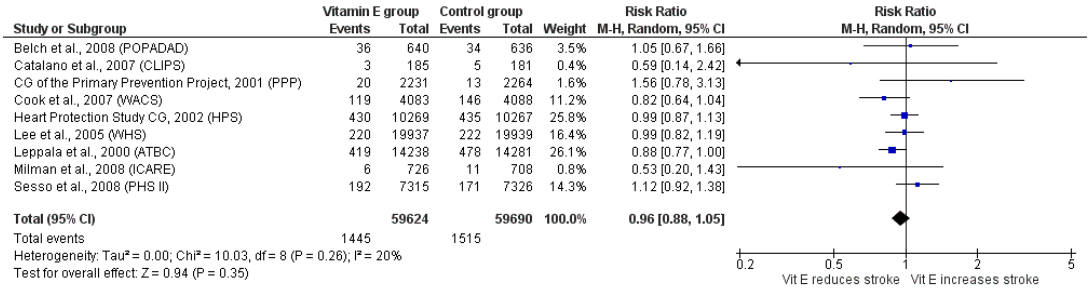

Figure S10. Forest plot for the relative risks of the effect of vitamin E on non-fatal stroke for individual trials and for the pooled population.

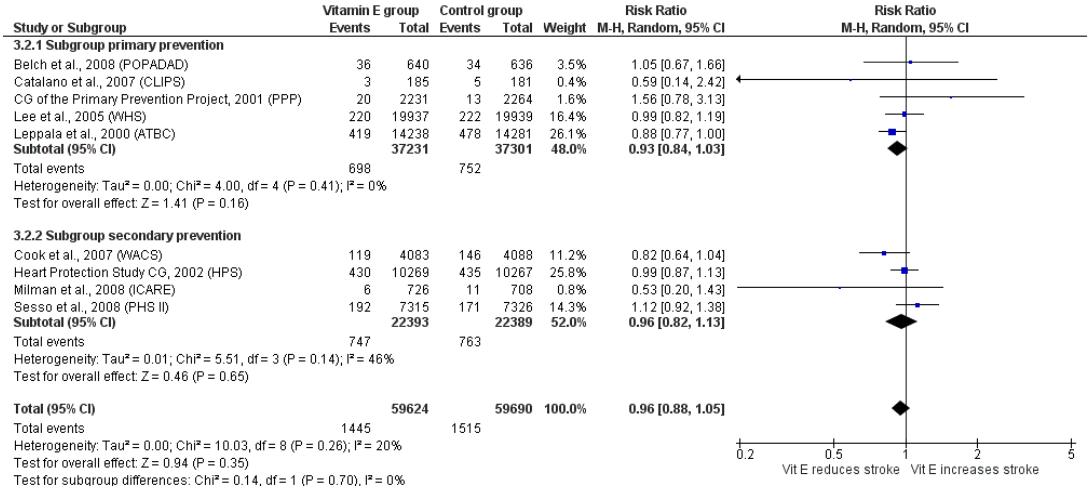

Figure S11. Forest plot for the relative risks of the effect of vitamin E on non-fatal stroke for individual trials and for the pooled population (Type of prevention subgroup).

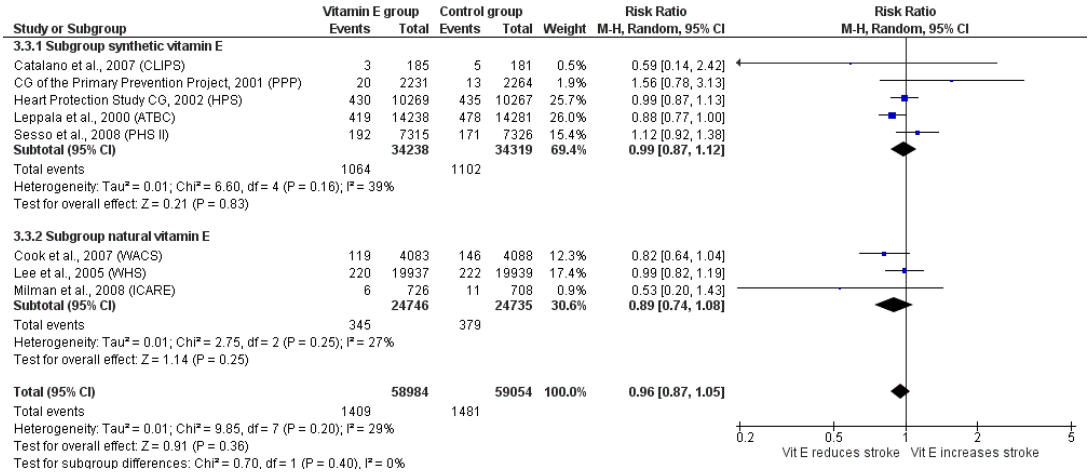

Figure S12. Forest plot for the relative risks of the effect of vitamin E on non-fatal stroke for individual trials and for the pooled population (Source of vitamin E subgroup).

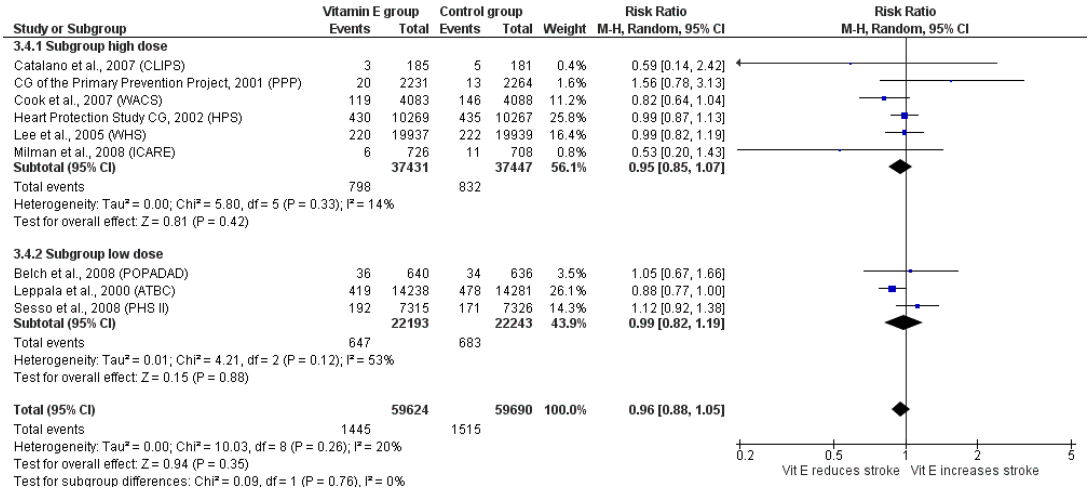

Figure S13. Forest plot for the relative risks of the effect of vitamin E on non-fatal stroke for individual trials and for the pooled population (Dosage of vitamin E subgroup).

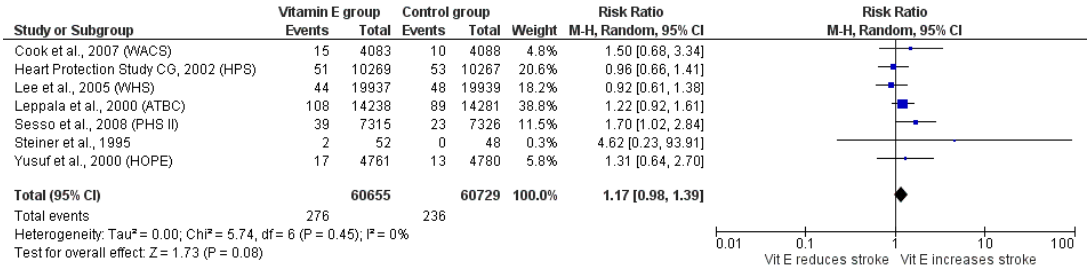

Figure S14. Forest plot for the relative risks of the effect of vitamin E on haemorrhagic stroke for individual trials and for the pooled population.

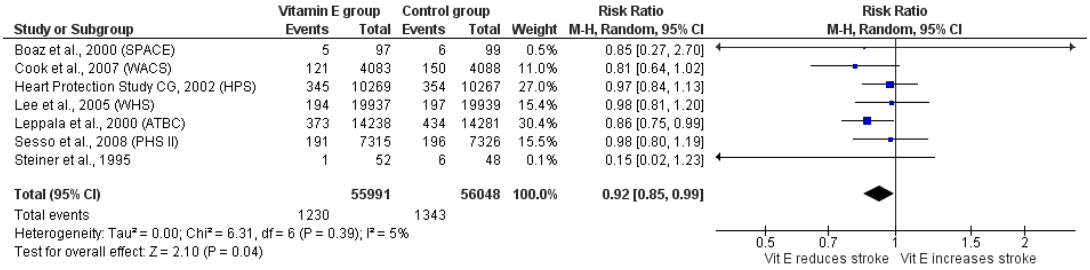

Figure S15. Forest plot for the relative risks of the effect of vitamin E on ischaemic stroke for individual trials and for the pooled population.

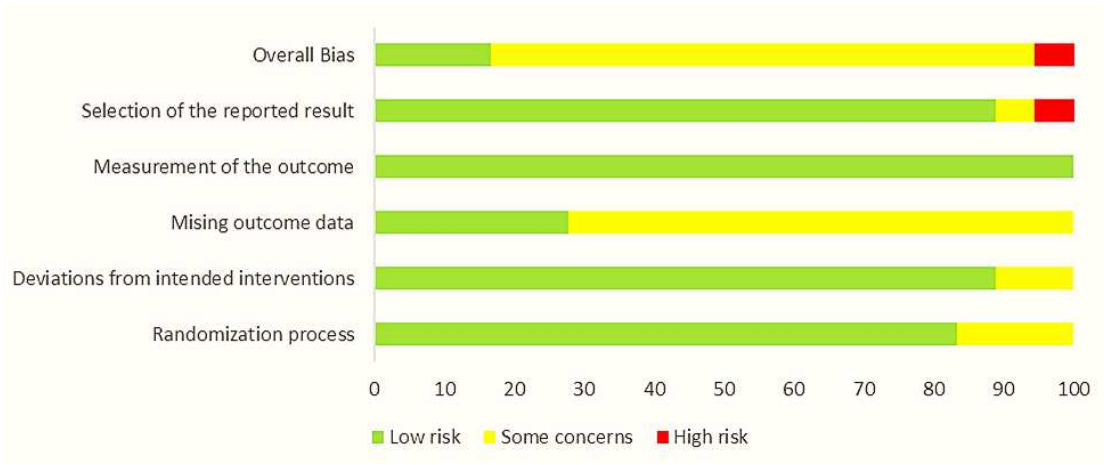

Figure S16. Risk of bias graph shows review authors' judgements about each risk of bias items presented as percentages across all included studies.

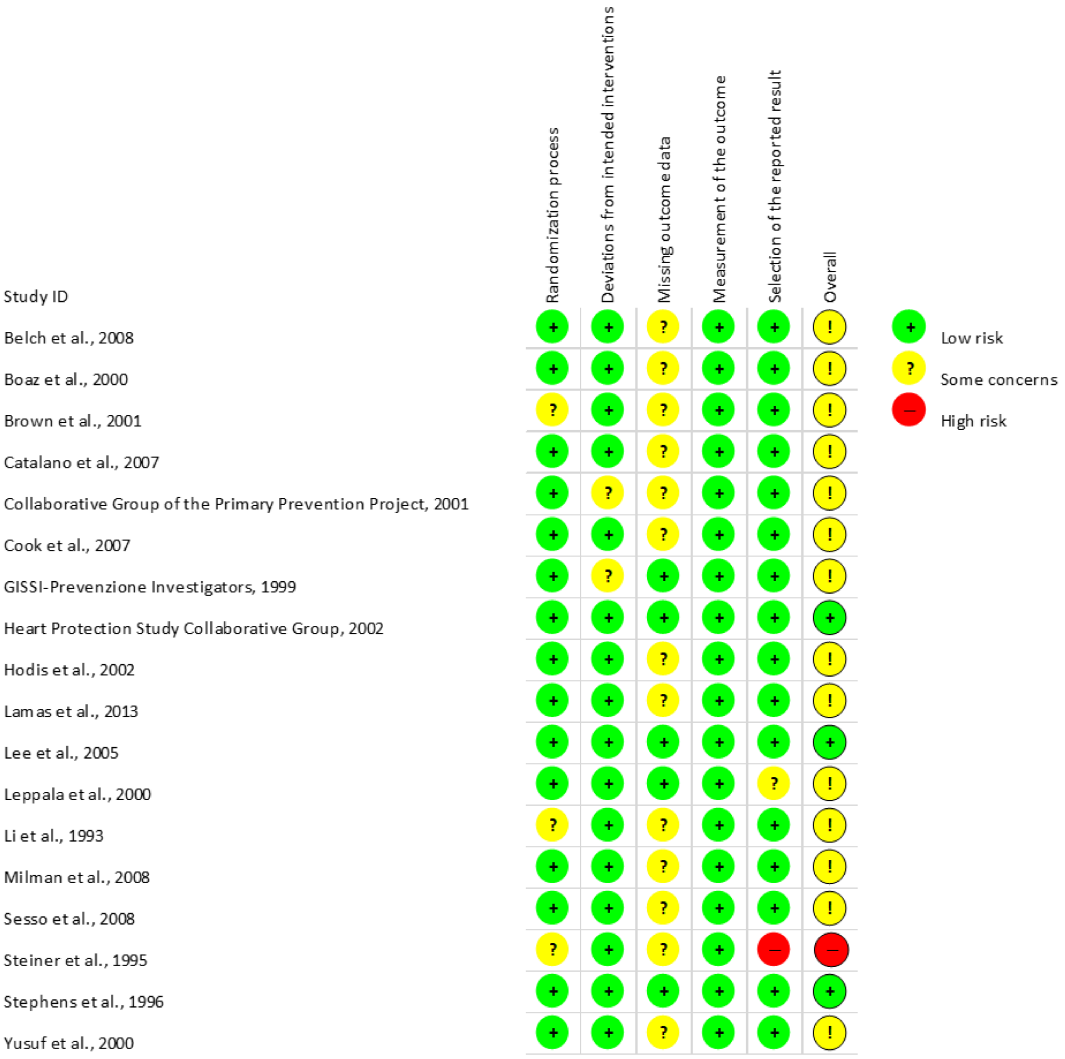

Figure S17. Risk of bias summary shows review authors' judgements about each risk of bias items for each included study.

Table S1. GRADE quality assessment for the study findings was summarised as follows.

Certainty assessment							№ of patients		Effect		Certainty	Importance
№ of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Vitamin E	Control	Relative (95% CI)	Absolute (95% CI)		
The effect of vitamin E on total stroke												
12	randomised trials	serious	not serious	not serious	not serious	none	2006/69548 (2.9%)	2045/69650 (2.9%)	**RR 0.98** (0.92 to 1.04)	**1 fewer per 1,000** (from 2 fewer to 1 more)	⨁⨁⨁◯ MODERATE	
The effect of vitamin E on fatal stroke												
11	randomised trials	not serious	not serious	not serious	not serious	none	330/62443 (0.5%)	333/62465 (0.5%)	**RR 0.96** (0.77 to 1.20)	**0 fewer per 1,000** (from 1 fewer to 1 more)	⨁⨁⨁⨁ HIGH	
The effect of vitamin E on non fatal stroke												
9	randomised trials	not serious	not serious	not serious	not serious	none	1445/59624 (2.4%)	1515/59690 (2.5%)	**RR 0.96** (0.88 to 1.05)	**1 fewer per 1,000** (from 3 fewer to 1 more)	⨁⨁⨁⨁ HIGH	
The effect of vitamin E on haemorrhagic stroke												
7	randomised trials	serious	not serious	not serious	very serious	none	276/60655 (0.5%)	236/60729 (0.4%)	**RR 1.17** (0.98 to 1.39)	**1 more per 1,000** (from 0 fewer to 2 more)	⨁◯◯◯ VERY LOW	
The effect of vitamin E on ischaemic stroke												
7	randomised trials	serious	not serious	not serious	not serious	none	1230/55991 (2.2%)	1343/56048 (2.4%)	**RR 0.92** (0.85 to 0.99)	**2 fewer per 1,000** (from 4 fewer to 0 fewer)	⨁⨁⨁◯ MODERATE	

CI: Confidence interval; **RR:** Risk ratio