

S1 Appendix 1: Deviations from registered protocol

As this overview was somewhat exploratory in nature, we deviated slightly from our registered protocol, and we report those deviations here in the spirit of transparency.

While we originally planned to explore many different outcomes, we decided to focus on the most important outcomes as they relate to CVD-related morbidity and mortality. We reported our primary outcomes as planned. We focused our secondary outcomes to systolic blood pressure, cholesterol, and smoking because together these account for the majority of premature CVD and we have effective interventions to target them.

We expected that systematic reviews would have conducted meta-analyses on this topic and had anticipated presenting these findings. However, only one of the six included systematic reviews did so, and we therefore felt it was a necessary contribution to the literature to conduct meta-analyses. These proved invaluable insight in to the direction and magnitude of the intervention effect, and present the results of each individual study in a transparent and easy-to-interpret way.