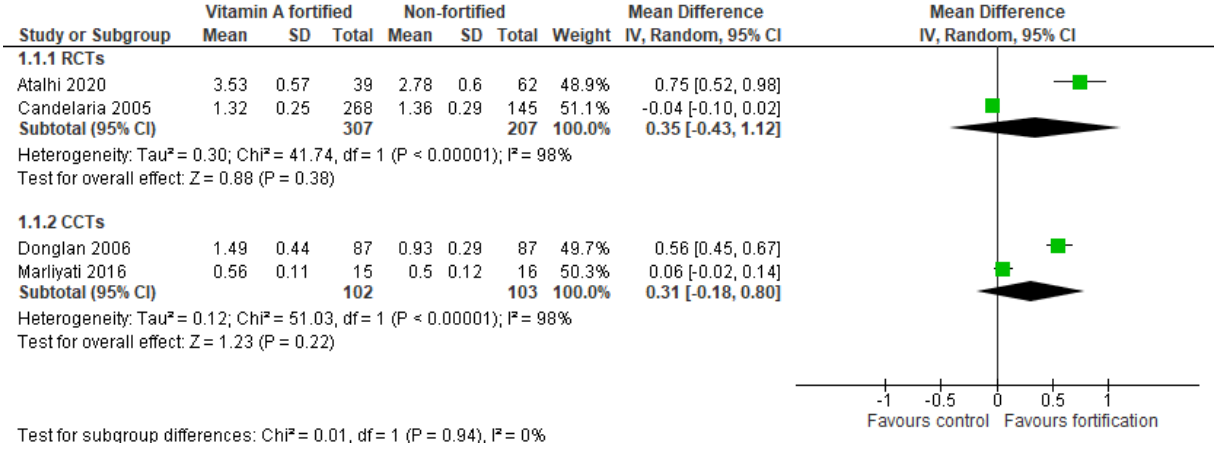
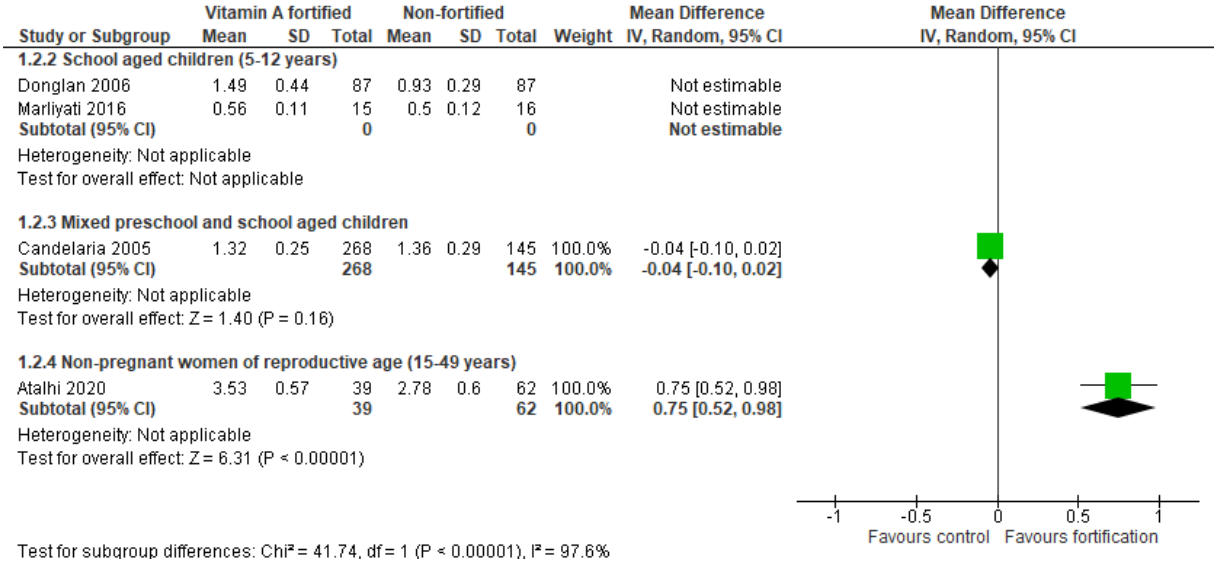
**Supplementary file S5: Effect of Vitamin A fortified versus non-fortified oils and fats**

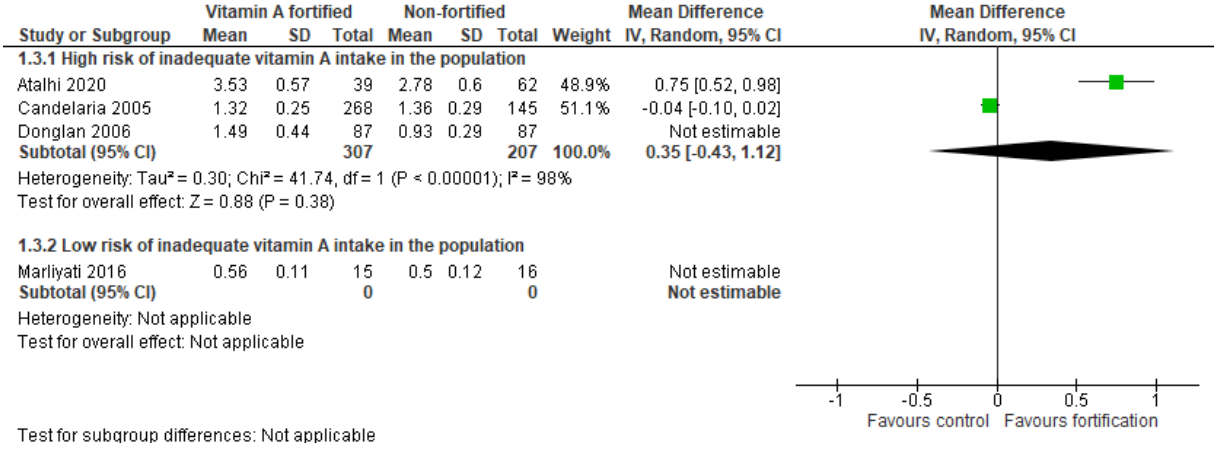
**Analysis 1.1 Vitamin A fortified versus non-fortified oils and fats. Outcome: Serum retinol (µmol/L)**



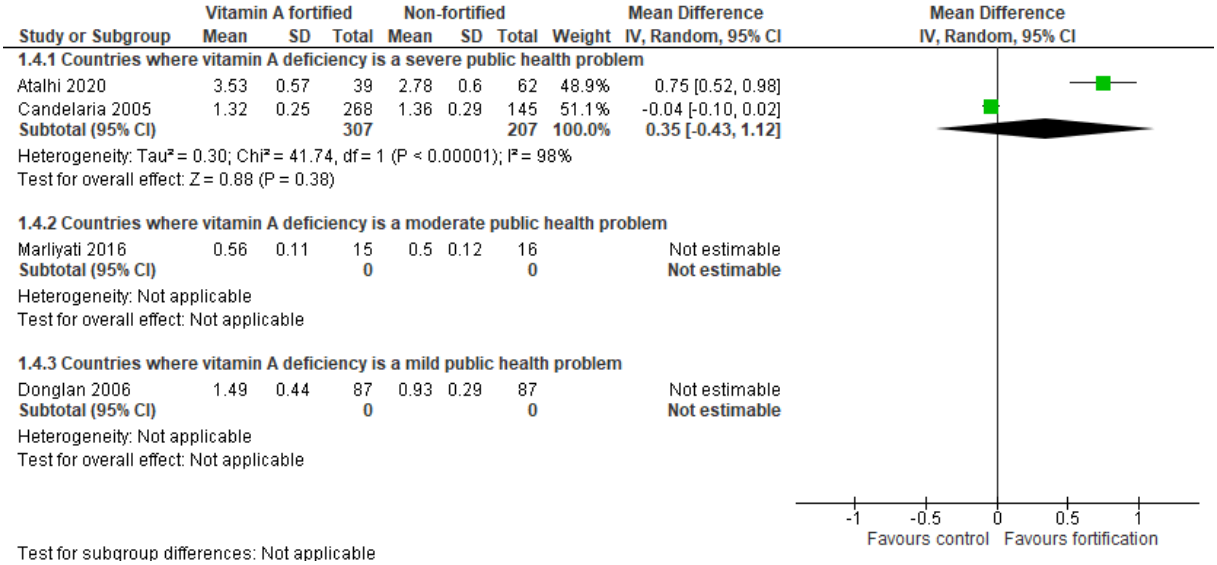

**Analysis 1.2. Vitamin A fortified versus non-fortified oils and fats. Outcome: Serum retinol by age and physiological condition of the population**



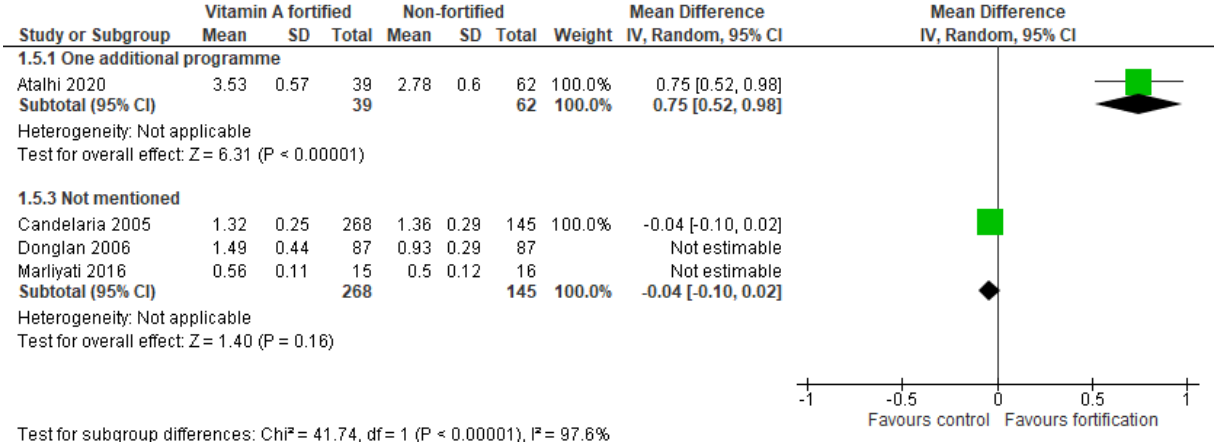
**Analysis 1.3. Vitamin A fortified versus non-fortified oils and fats. Outcome: Serum retinol by vitamin A intake in the population (as defined by inadequate vitamin A intakes by trialists)**



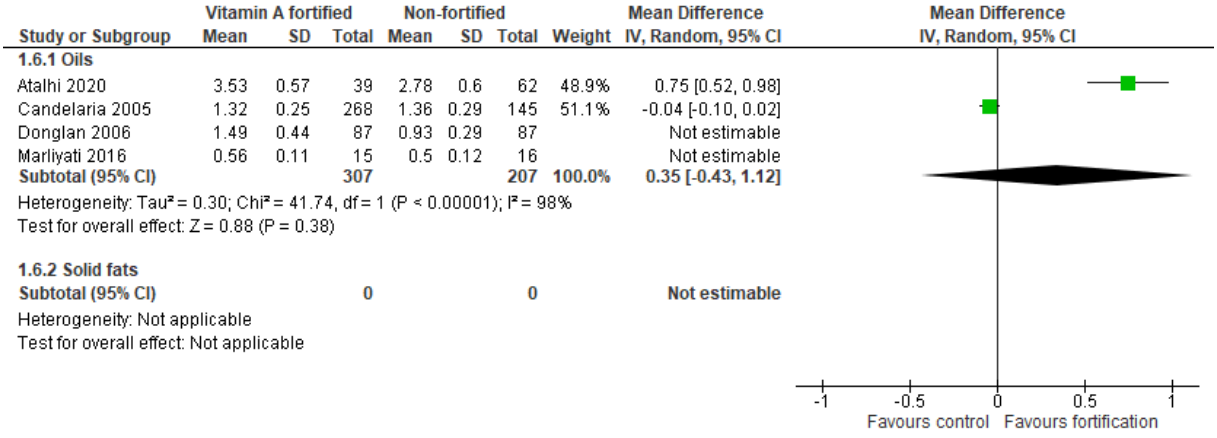

**Analysis 1.4. Vitamin A fortified versus non-fortified oils and fats. Outcome: Serum retinol by public health significance**



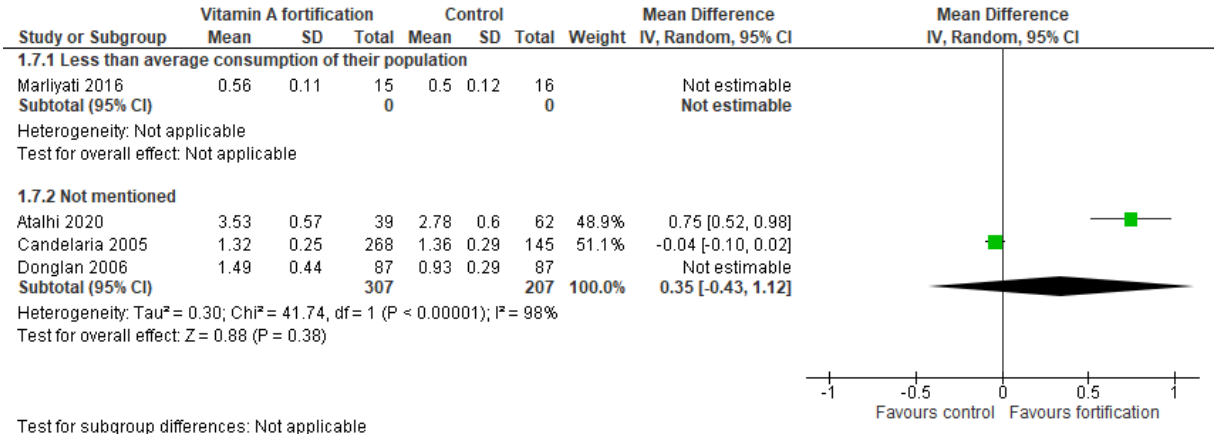
**Analysis 1.5. Vitamin A fortified versus non-fortified oils and fats. Outcome: Serum retinol by exposure to additional vitamin A programmes**



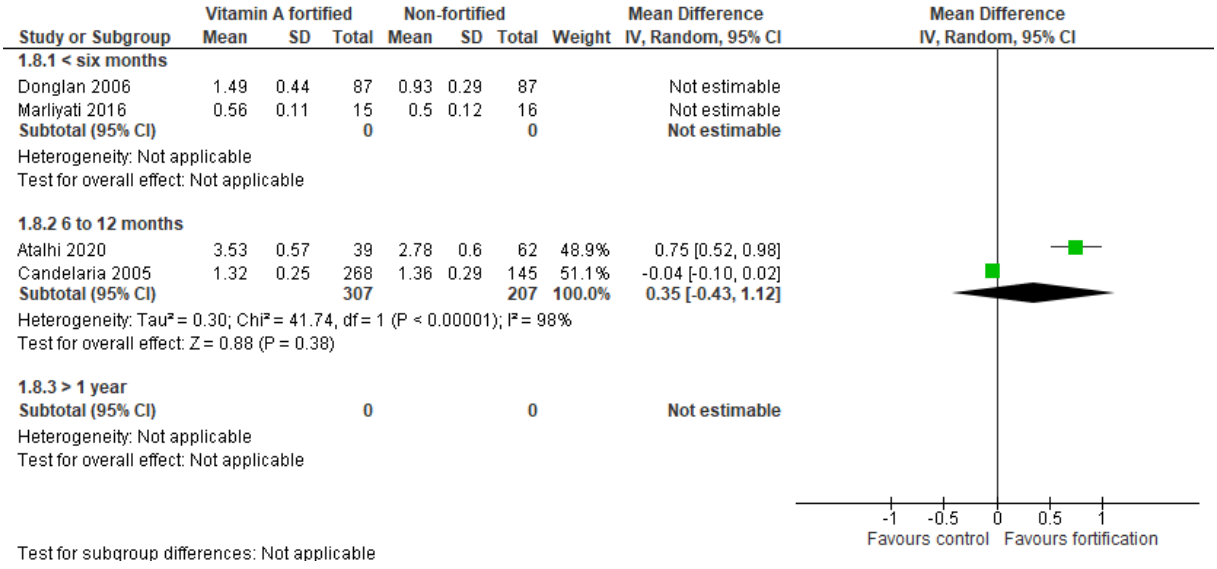

**Analysis 1.6. Vitamin A fortified versus non-fortified oils and fats. Outcome: Serum retinol by vehicle of the intervention (oils or fats)**



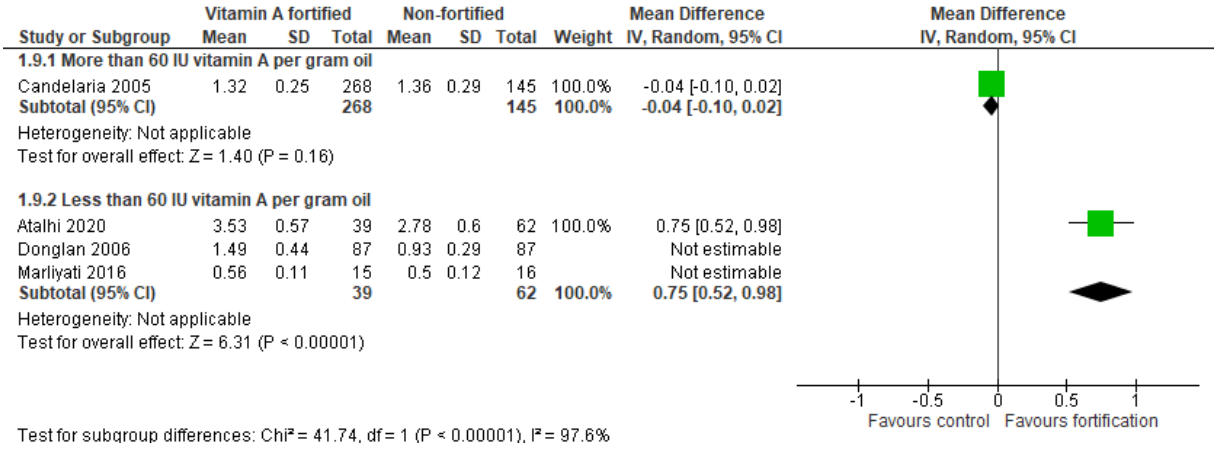

**Analysis 1.7. Vitamin A fortified versus non-fortified oils and fats. Outcome: Serum retinol by consumption patterns**



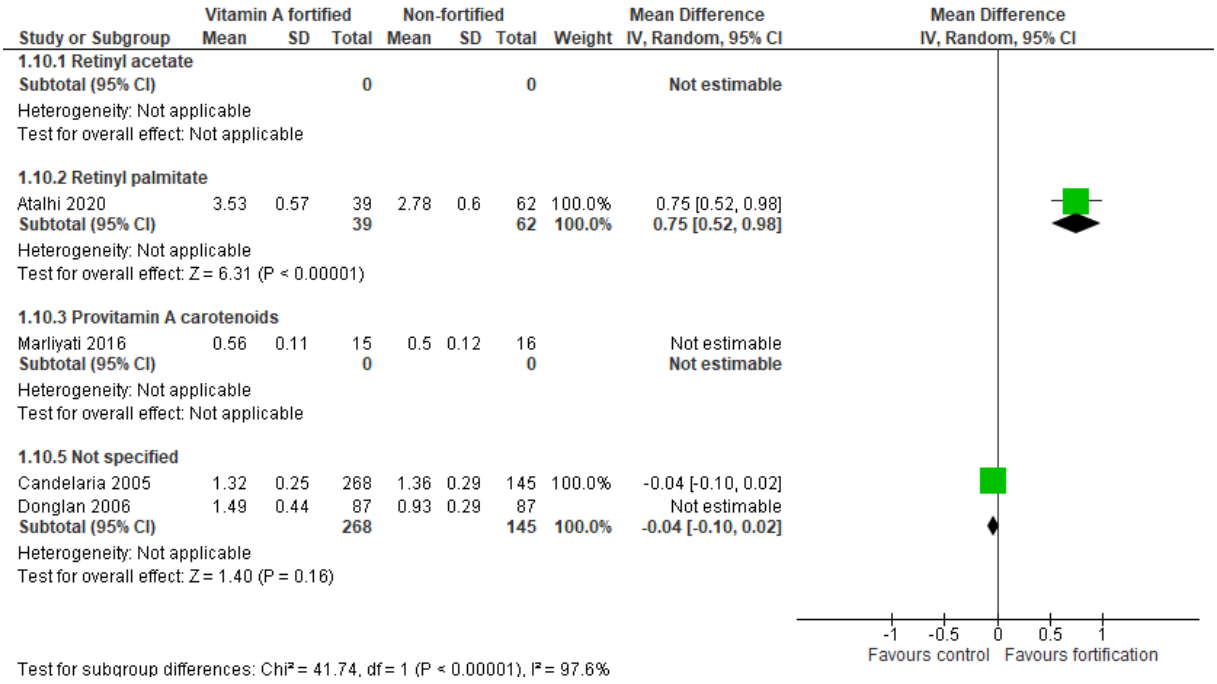
**Analysis 1.8. Vitamin A fortified versus non-fortified oils and fats. Outcome: Serum retinol by intervention duration**



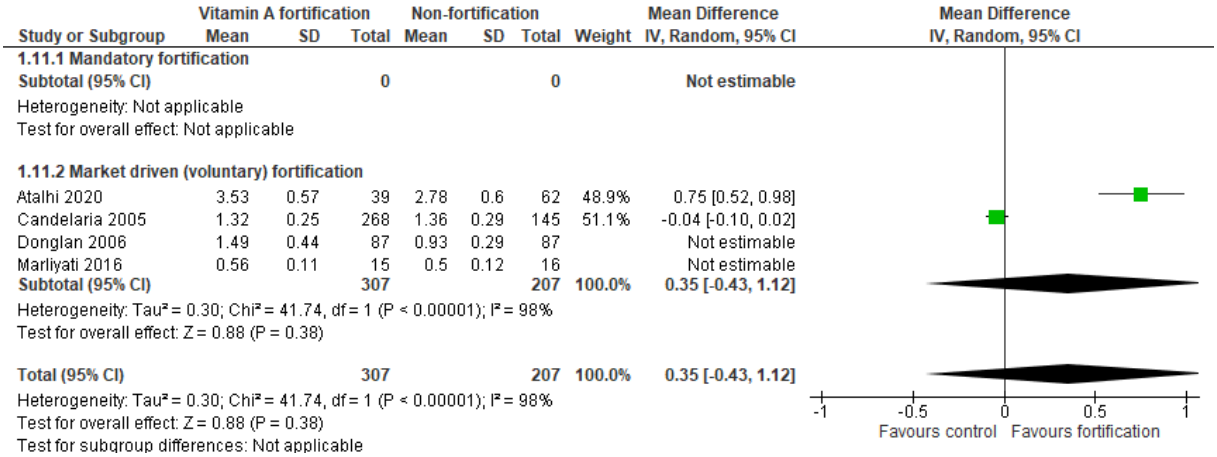

**Analysis 1.9. Serum retinol by amount of vitamin A added through fortification**



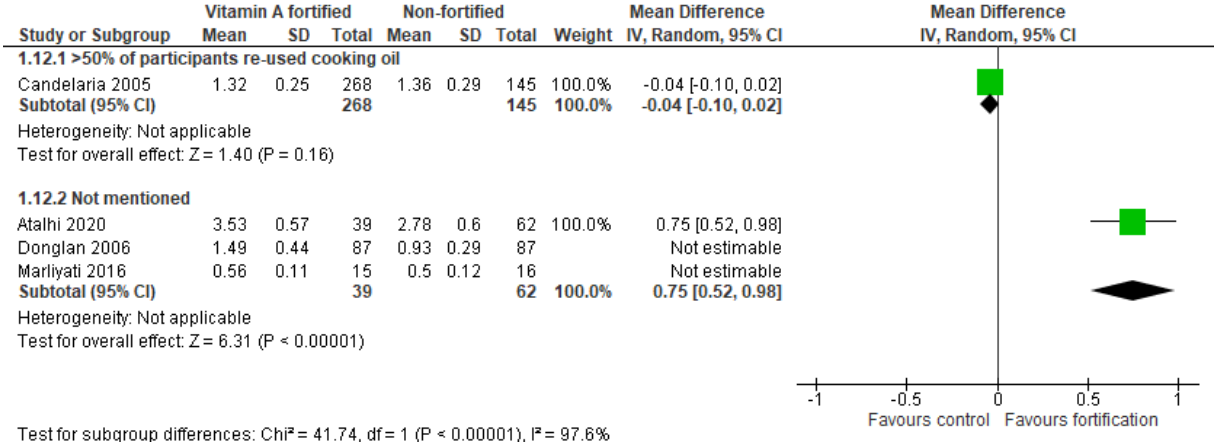
**Analysis 1.10. Vitamin A fortified versus non-fortified oils and fats. Outcome: Serum retinol by type of vitamin A compound**



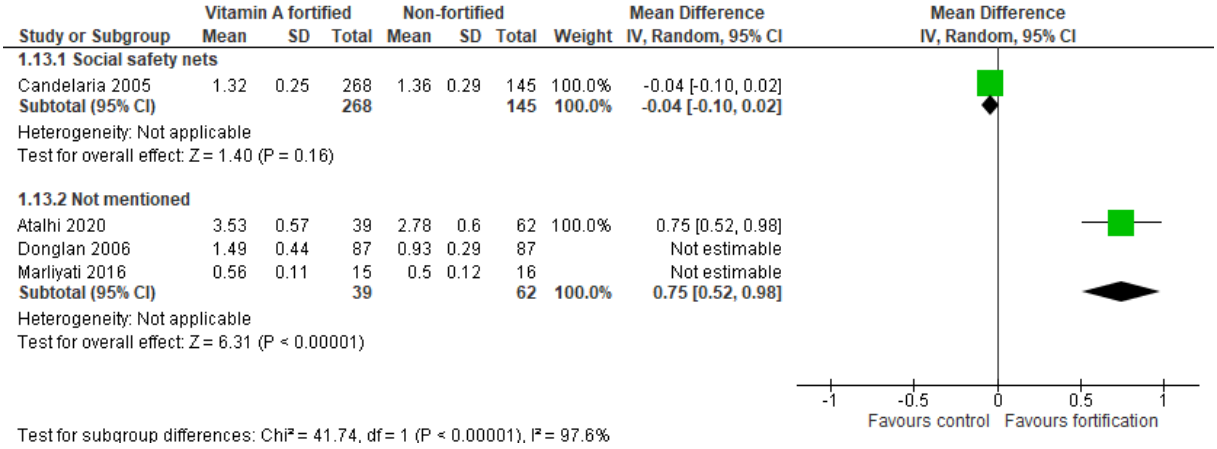

**Analysis 1.11. Vitamin A fortified versus non-fortified oils and fats. Outcome: Serum retinol by type of vitamin A fortification intervention**



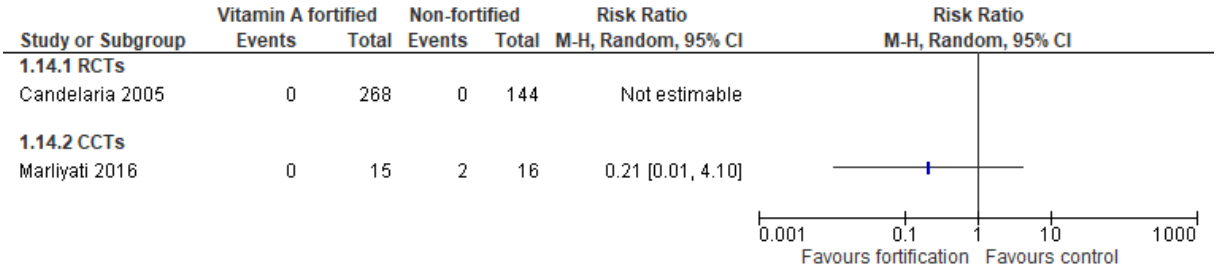
**Analysis 1.12. Vitamin A fortified versus non-fortified oils and fats. Outcome: Serum retinol by method of cooking**



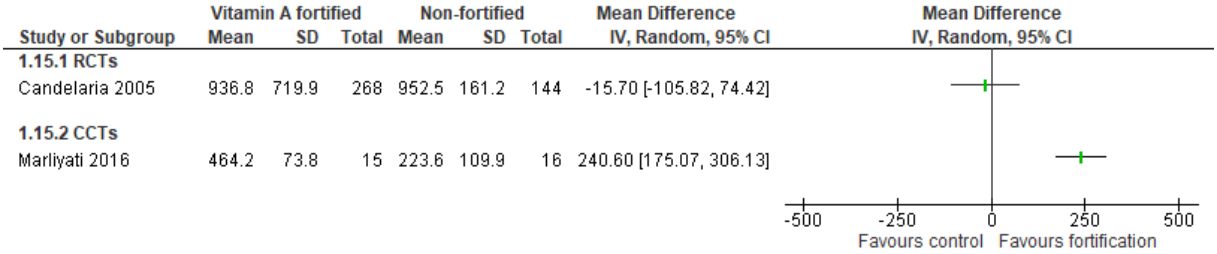

**Analysis 1.13. Vitamin A fortified versus non-fortified oils and fats. Outcome: Serum retinol by delivery platform**



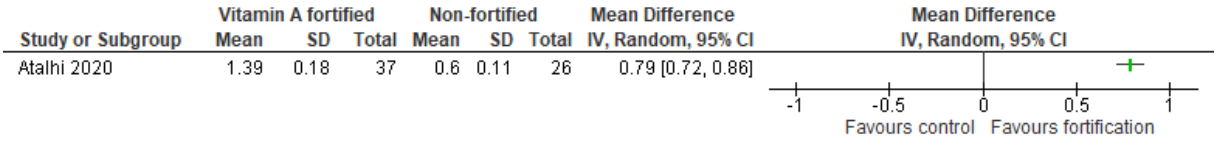

**Analysis 1.14. Vitamin A fortified versus non-fortified oils and fats. Outcome: Subclinical vitamin A deficiency (serum retinol ≤ 0.70 µmol/L)**



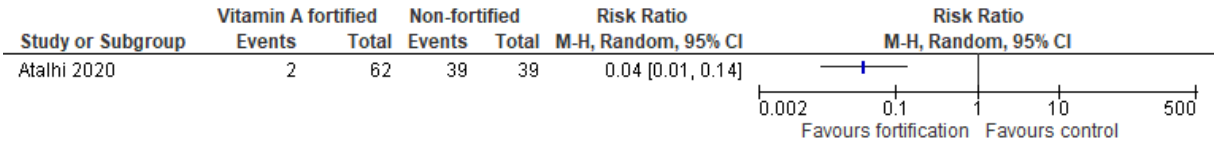
**Analysis 1.15. Vitamin A fortified versus non-fortified oils and fats. Outcome: Dietary vitamin A intake**



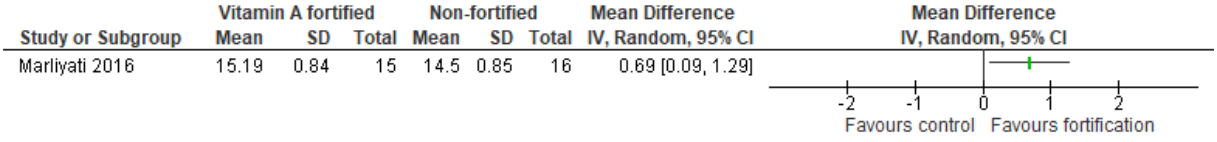

**Analysis 1.16. Vitamin A fortified versus non-fortified oils and fats. Outcome: Retinol in breast milk (µmol/L)**



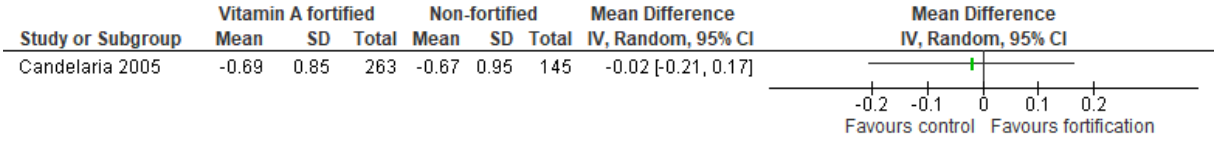

**Analysis 1.17. Vitamin A fortified versus non-fortified oils and fats. Outcome: Mothers with low concentrations of retinol in breast milk (<1.05 µmol/L)**



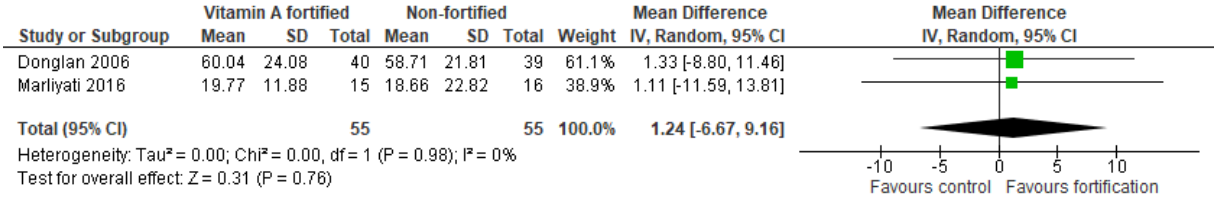

**Analysis 1.18. Vitamin A fortified versus non-fortified oils and fats. Outcome: BMI (kg/m$^2$)**



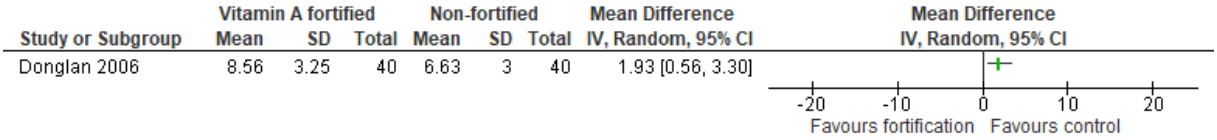

**Analysis 1.19. Vitamin A fortified versus non-fortified oils and fats. Outcome: Weight-for-height z-scores**



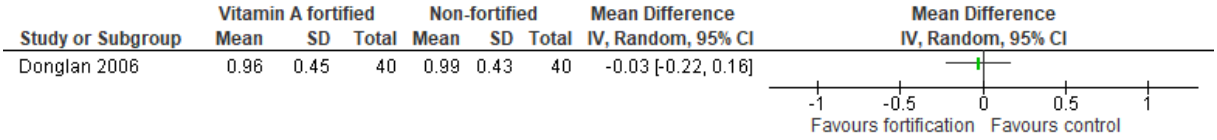
**Analysis 1.20. Vitamin A fortified versus non-fortified oils and fats. Outcome: IgG levels (µmol/L)**




**Analysis 1.21. Vitamin A fortified versus non-fortified oils and fats. Outcome: IgA levels (µmol/L)**




**Analysis 1.22. Vitamin A fortified versus non-fortified oils and fats. Outcome: IgM levels (µmol/L)**




**Analysis 1.23. Vitamin A fortified versus non-fortified oils and fats. Outcome: Type-2 diabetes mellitus**