|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Table S1. Change in the HFII as a predictor of change in serum lipoprotein and fatty acid parameters\* |  |  |  |  |  |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |  | Model 1 |  |  | Model 2 |  |  | Model 3 |  |  | Model 4 |  |
|   | *β* | 95% CI | *P* | *β* | 95% CI | *P* | *β* | 95% CI | *P* | *β* | 95% CI | *P* |
| Serum lipoprotein profile |  |  |  |  |  |  |  |  |  |  |  |  |
| Concentration |  |  |  |  |  |  |  |  |  |  |  |  |
| VLDL, nmol/l | -0.70 | -2.47, 1.06 | 0.43 | -0.61 | -2.34, 1.12 | 0.49 | -0.48 | -2.26, 1.31 | 0.60 | -0.54 |  -2.25, 1.18 | 0.54 |
| LDL, nmol/l | -0.55 | -10.3, 9.21 | 0.91 | -0.18 | -9.21, 8.85 | 0.97 | 2.21 | -6.86, 11.29 | 0.63 | -0.33 | -9.50, 8.85 | 0.94 |
| HDL, µmol/l | -0.03 | -0.10, 0.04 | 0.39 | -0.03 | -0.08, 0.03 | 0.38 | -0.02 | -0.07, 0.04 | 0.52 | -0.03 | -0.09, 0.03 | 0.30 |
| Size  |  |  |  |  |  |  |  |  |  |  |  |  |
| VLDL diameter, nm | -0.06 | -0.11, -0.00 | 0.042 | -0.06 | -0.11, -0.00 | 0.049 | -0.06 | -0.12, -0.00 | 0.038 | -0.05 | -0.11, 0.00 | 0.05 |
| LDL diameter, nm | 0.00 | -0.00, 0.00 | 0.53 | 0.00 | -0.00, 0.00 | 0.55 | 0.00 | -0.00, 0.00 | 0.71 | 0.00 | -0.00, 0.00 | 0.47 |
| HDL diameter, nm | -0.00 | -0.01, 0.00 | 0.31 | -0.00 | -0.01, 0.00 | 0.37 | -0.00 | -0.01, 0.01 | 0.59 | -0.00 | -0.01, 0.00 | 0.40 |
| Serum fatty acid profile |  |  |  |  |  |  |  |  |  |  |  |  |
| (% of total fatty acids) |  |  |  |  |  |  |  |  |  |  |  |  |
| Total omega-3 fatty acids  | 0.03 | -0.00, 0.07 | 0.07 | 0.03 | -0.00, 0.07 | 0.08 | 0.03 | -0.01, 0.07 | 0.15 | 0.03 | -0.01, 0.07 | 0.09 |
| Total omega-6 fatty acids  | 0.23 | 0.04, 0.41 | 0.016 | 0.23 | 0.04, 0.43 | 0.019 | 0.20 | 0.02, 0.47 | 0.027 | 0.21 | 0.01, 0.42 | 0.043 |
| Monounsaturated fatty acids  | -0.20 | -0.36, -0.05 | 0.009 | -0.20 | -0.36, -0.04 | 0.013 | -0.20 | -0.35, -0.05 | 0.011 | -0.18 | -0.34, -0.02 | 0.024 |
| Saturated fatty acids  | -0.06 | -0.21, 0.08 | 0.38 | -0.07 | -0.22, 0.08 | 0.34 | -0.04 | -0.19, 0.10 | 0.56 | -0.07 | -0.21, 0.08 | 0.38 |

\* Residual change.

Model 1: unadjusted; Model 2: adjusted for BMI, age, gestational age, and years of education; Model 3: adjusted for Model 2 + physical activity (n = 145); Model 4: adjusted for Model 2 + gestational weight gain, allocation group, and study group (women who initially entered the RADIEL trial before pregnancy or during pregnancy).