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| --- | --- | --- | --- | --- | --- | --- |
| **Table ST4. Associations between moderators and covariates and high-sensitivity C-reactive protein and glycoprotein acetyls during pregnancy.** | | | | | | |
| **Moderator / Covariate (predictor):** | **Mean difference**  **in standard deviation units** | **95% Confidence Interval** | **P** | **P for interaction between moderator / covariate x gestational week at the time of blood sampling** | **Mean difference**  **in raw units** | **95% Confidence Interval**  **in raw units** |
| **High-sensitivity C-reactive protein (outcome)** | | | | | **mg/L** | **mg/L** |
| Age < 40 vs. ≥ 40 years | -0.41 | -0.71, -0.11 | 0.008 | 0.01 | -1.54 | -2.66, -0.43 |
| Secondary or lower vs. tertiary education | 0.41 | 0.23, 0.58 | <0.0001 | 0.44 | 1.71 | 1.04, 2.37 |
| Smoking during pregnancy |  |  |  |  |  |  |
| No | Ref |  |  |  |  |  |
| Quit during first trimester | 0.02 | -0.43, 0.46 | 0.94 | 0.76 | 0.10 | -1.55, 1.74 |
| Smoked throughout pregnancy | -0.55 | -1.29, 0.19 | 0.14 | 0.20 | -0.36 | -3.08, 2.36 |
| Alcohol use during pregnancy vs. no alcohol use during pregnancy | 0.05 | -0.23, 0.33 | 0.73 | 0.89 | 0.57 | -0.41, 1.54 |
| Body mass index in early pregnancy |  |  |  |  |  |  |
| Normal weight (<24.99 kg/m2) | Ref |  |  |  |  |  |
| Overweight (25-29.99 kg/m2) | 0.67 | 0.47, 0.87 | <0.0001 | 0.62 | 2.23 | 1.33, 3.12 |
| Obese (≥30 kg/m2) | 1.12 | 0.94, 1.30 | <0.0001 | 0.95 | 5.16 | 4.44, 5.89 |
| Hypertensive disorders |  |  |  |  |  |  |
| Normotension | Ref |  |  |  |  |  |
| Gestational hypertension | 0.23 | -0.08, 0.55 | 0.15 | 0.46 | 1.11 | -0.06, 2.29 |
| Pre-eclampsia | 0.31 | 0.003, 0.63 | 0.05 | 0.37 | 1.33 | 0.16, 2.49 |
| Chronic hypertension | 0.41 | 0.16, 0.66 | 0.001 | 0.28 | 1.57 | 0.64, 2.49 |
| Diabetes disorders |  |  |  |  |  |  |
| No | Ref |  | Ref |  |  |  |
| Gestational diabetes | 0.38 | 0.16, 0.61 | 0.0009 | 0.97 | 1.58 | 0.75, 2.42 |
| Type 1 diabetes | 0.10 | -0.50, 0.70 | 0.74 | 0.84 | 3.37 | 1.15, 5.60 |
| **Glycoprotein acetyls (outcome)** | | | | | **mmol/L** | **mmol/L** |
| Age < 40 vs. ≥ 40 years | -0.15 | -0.52, 0.21 | 0.41 | 0.96 | -0.04 | -0.07, 0.001 |
| Secondary or lower vs. tertiary education | 0.24 | 0.02, 0.45 | 0.03 | 0.45 | 0.06 | 0.03, 0.09 |
| Smoking during pregnancy |  |  |  |  |  |  |
| No | Ref |  |  |  |  |  |
| Quit during first trimester | 0.18 | -0.36, 0.71 | 0.52 | 0.52 | 0.03 | -0.02, 0.08 |
| Smoked throughout pregnancy | -0.22 | -1.05, 0.62 | 0.61 | 0.72 | -0.01 | -0.10, 0.07 |
| Alcohol use during pregnancy vs. no alcohol use during pregnancy | 0.16 | -0.16, 0.48 | 0.33 | 0.91 | 0.57 | -0.41, 1.54 |
| Body mass index in early pregnancy |  |  |  |  |  |  |
| Normal weight (<24.99 kg/m2) | Ref |  |  |  |  |  |
| Overweight (25-29.99 kg/m2) | 0.56 | 0.30, 0.82 | <0.0001 | 0.01 | 0.14 | 0.12, 0.17 |
| Obese (≥30 kg/m2) | 0.99 | 0.77, 1.22 | <0.0001 | 0.84 | 0.19 | 0.17, 0.21 |
| Hypertensive disorders |  |  |  |  |  |  |
| Normotension | Ref |  |  |  |  |  |
| Gestational hypertension | 0.08 | -0.28, 0.43 | 0.67 | 0.31 | 0.04 | 0.001, 0.07 |
| Pre-eclampsia | 0.63 | 0.28, 0.98 | 0.0005 | 0.17 | 0.09 | 0.05, 0.12 |
| Chronic hypertension | 0.78 | 0.50, 1.07 | <0.0001 | 0.11 | 0.11 | 0.08, 0.13 |
| Diabetes disorders |  |  |  |  |  |  |
| No | Ref |  | Ref |  |  |  |
| Gestational diabetes | 0.48 | 0.22, 0.74 | 0.0003 | 0.34 | 0.11 | 0.08, 0.13 |
| Type 1 diabetes | -0.46 | -1.13, 0.22 | 0.18 | 0.08 | -0.01 | -0.08, 0.06 |