## overall\_qol\_transformed

| **Beta Regression - Logit link** | **Beta (95% CI)**1 | **p-value** | **GVIF** | **Adjusted GVIF**2 |
| --- | --- | --- | --- | --- |
| **(Intercept)** | 1.07 [0.123 to 2.01]\* | **0.027** |  |  |
| **Gender** |  |  | 1.4 | 1.2 |
| *Female* | — |  |  |  |
| *Male* | 0.231 [0.070 to 0.392]\*\* | **0.005** |  |  |
| **Age grouped** |  |  | 1.8 | 1.2 |
| *50 and below* | — |  |  |  |
| *51-60 years* | -0.114 [-0.287 to 0.059] | 0.197 |  |  |
| *61 years and above* | -0.199 [-0.394 to -0.004]\* | **0.046** |  |  |
| **Duration of diabetes grouped** |  |  | 1.6 | 1.1 |
| *Below 5 years* | — |  |  |  |
| *5-9 years* | 0.036 [-0.133 to 0.205] | 0.676 |  |  |
| *10 years and above* | -0.064 [-0.256 to 0.128] | 0.513 |  |  |
| **Diabetes medication type** |  |  | 1.9 | 1.1 |
| *None* | — |  |  |  |
| *Tablets only* | 0.095 [-0.294 to 0.484] | 0.632 |  |  |
| *Insulin Injections only* | 0.057 [-0.370 to 0.484] | 0.795 |  |  |
| *Tablets with Insulin Injections* | 0.499 [0.025 to 0.974]\* | **0.039** |  |  |
| **Diagnosed with stroke** |  |  | 1.3 | 1.1 |
| *No* | — |  |  |  |
| *Yes* | -0.278 [-0.795 to 0.240] | 0.293 |  |  |
| **Diagnosed with tuberculosis** |  |  | 1.3 | 1.1 |
| *No* | — |  |  |  |
| *Yes* | -0.260 [-0.591 to 0.071] | 0.124 |  |  |
| **Peripheral neuropathy complication** |  |  | 1.2 | 1.1 |
| *No* | — |  |  |  |
| *Yes* | -0.042 [-0.296 to 0.212] | 0.746 |  |  |
| **Poor vision complication** |  |  | 1.3 | 1.2 |
| *No* | — |  |  |  |
| *Yes* | -0.195 [-0.340 to -0.050]\*\* | **0.008** |  |  |
| **Chest pain complication** |  |  | 1.3 | 1.1 |
| *No* | — |  |  |  |
| *Yes* | -0.037 [-0.252 to 0.179] | 0.738 |  |  |
| **Anaemia** |  |  | 1.3 | 1.1 |
| *No* | — |  |  |  |
| *Yes* | -0.056 [-0.375 to 0.264] | 0.733 |  |  |
| **Diagnosed with cardiovascular diseases** |  |  | 1.3 | 1.1 |
| *No* | — |  |  |  |
| *Yes* | -0.235 [-0.631 to 0.161] | 0.245 |  |  |
| **Kidney Complications** |  |  | 1.5 | 1.2 |
| *No* | — |  |  |  |
| *Yes* | 0.066 [-0.199 to 0.330] | 0.625 |  |  |
| **Abdominal or pedal edema complications** |  |  | 1.3 | 1.1 |
| *No* | — |  |  |  |
| *Yes* | -0.065 [-0.267 to 0.136] | 0.526 |  |  |
| **Hypertension** |  |  | 1.7 | 1.3 |
| *No* | — |  |  |  |
| *Yes* | 0.010 [-0.163 to 0.183] | 0.909 |  |  |
| **Currently smoke tobacco** |  |  | 1.4 | 1.2 |
| *No* | — |  |  |  |
| *Yes* | 0.146 [-0.486 to 0.777] | 0.651 |  |  |
| **Currently use smokeless tobacco** |  |  | 1.4 | 1.2 |
| *No* | — |  |  |  |
| *Yes* | -0.663 [-1.45 to 0.121] | 0.097 |  |  |
| **Alcohol consumption within the past 30 days?** |  |  | 1.6 | 1.3 |
| *No* | — |  |  |  |
| *Yes* | -0.167 [-0.982 to 0.648] | 0.689 |  |  |
| **Healthy eating habit** |  |  | 1.2 | 1.1 |
| *Bad* | — |  |  |  |
| *Good* | -0.007 [-0.166 to 0.151] | 0.927 |  |  |
| **Regular physical activity** |  |  | 1.2 | 1.1 |
| *No* | — |  |  |  |
| *Yes* | -0.062 [-0.303 to 0.179] | 0.615 |  |  |
| **BMI (kg/m2) grouped** |  |  | 2.0 | 1.1 |
| *Normal (18.5–24.9)* | — |  |  |  |
| *Underweight (<18.5)* | -0.355 [-0.707 to -0.003]\* | **0.048** |  |  |
| *Overweight (25–29.9)* | -0.090 [-0.261 to 0.081] | 0.302 |  |  |
| *Obese (>=30)* | -0.004 [-0.202 to 0.195] | 0.972 |  |  |
| **Hours spent on sleeping** | 0.013 [-0.029 to 0.055] | 0.538 | 1.3 | 1.2 |
| **Time spent sitting or reclining in hrs** | -0.007 [-0.036 to 0.022] | 0.645 | 1.7 | 1.3 |
| **Blood glucose (mmol/l)** | -0.004 [-0.015 to 0.008] | 0.508 | 1.2 | 1.1 |
| **Systolic Blood pressure (mm Hg)** | -0.002 [-0.007 to 0.002] | 0.273 | 2.4 | 1.6 |
| **Diastolic Blood pressure (mm Hg)** | 0.000 [-0.008 to 0.009] | >0.999 | 1.9 | 1.4 |
| **Waist-to-hip ratio** | -0.532 [-1.15 to 0.085] | 0.091 | 1.2 | 1.1 |
| **(phi)** | 18.2 [14.8 to 21.7]\*\*\* | **<0.001** |  |  |
| 1\*p<0.05; \*\*p<0.01; \*\*\*p<0.001 | | | | |
| 2GVIF^[1/(2\*df)] | | | | |
| Abbreviations: Beta = Estimate, CI = Confidence Interval, CI = Confidence Interval, GVIF = Generalized Variance Inflation Factor | | | | |
| pseudo.r.squared = 0.233; Null df = 205; Log-likelihood = 159; AIC = -250; BIC = -137; Residual df = 173; No. Obs. = 207 | | | | |