## overall\_qol\_transformed

| **Beta Regression - Logit link** | **Beta (95% CI)**12 | **p-value** | **GVIF**2 | **Adjusted GVIF**23 |
| --- | --- | --- | --- | --- |
| **(Intercept)** | 1.26 [0.330 to 2.19]\*\* | **0.008** |  |  |
| **Gender** |  |  | 1.4 | 1.2 |
| *Female* | — |  |  |  |
| *Male* | 0.228 [0.069 to 0.388]\*\* | **0.005** |  |  |
| **Duration of diabetes grouped** |  |  | 1.6 | 1.1 |
| *Below 5 years* | — |  |  |  |
| *5-9 years* | 0.020 [-0.147 to 0.187] | 0.814 |  |  |
| *10 years and above* | -0.056 [-0.244 to 0.132] | 0.562 |  |  |
| **Diabetes medication type** |  |  | 1.9 | 1.1 |
| *None* | — |  |  |  |
| *Tablets only* | 0.096 [-0.286 to 0.478] | 0.623 |  |  |
| *Insulin Injections only* | 0.021 [-0.400 to 0.443] | 0.922 |  |  |
| *Tablets with Insulin Injections* | 0.490 [0.022 to 0.958]\* | **0.040** |  |  |
| **Diagnosed with stroke** |  |  | 1.3 | 1.1 |
| *No* | — |  |  |  |
| *Yes* | -0.293 [-0.806 to 0.220] | 0.263 |  |  |
| **Diagnosed with tuberculosis** |  |  | 1.3 | 1.1 |
| *No* | — |  |  |  |
| *Yes* | -0.261 [-0.589 to 0.066] | 0.118 |  |  |
| **Peripheral neuropathy complication** |  |  | 1.2 | 1.1 |
| *No* | — |  |  |  |
| *Yes* | -0.025 [-0.278 to 0.227] | 0.844 |  |  |
| **Poor vision complication** |  |  | 1.3 | 1.2 |
| *No* | — |  |  |  |
| *Yes* | -0.170 [-0.314 to -0.026]\* | **0.021** |  |  |
| **Chest pain complication** |  |  | 1.3 | 1.1 |
| *No* | — |  |  |  |
| *Yes* | -0.060 [-0.273 to 0.154] | 0.584 |  |  |
| **Anaemia** |  |  | 1.3 | 1.1 |
| *No* | — |  |  |  |
| *Yes* | -0.062 [-0.377 to 0.253] | 0.700 |  |  |
| **Diagnosed with cardiovascular diseases** |  |  | 1.3 | 1.1 |
| *No* | — |  |  |  |
| *Yes* | -0.210 [-0.601 to 0.181] | 0.293 |  |  |
| **Kidney Complications** |  |  | 1.5 | 1.2 |
| *No* | — |  |  |  |
| *Yes* | 0.073 [-0.188 to 0.335] | 0.582 |  |  |
| **Abdominal or pedal edema complications** |  |  | 1.3 | 1.1 |
| *No* | — |  |  |  |
| *Yes* | -0.052 [-0.250 to 0.146] | 0.604 |  |  |
| **Hypertension** |  |  | 1.7 | 1.3 |
| *No* | — |  |  |  |
| *Yes* | 0.004 [-0.168 to 0.175] | 0.968 |  |  |
| **Currently smoke tobacco** |  |  | 1.4 | 1.2 |
| *No* | — |  |  |  |
| *Yes* | 0.128 [-0.494 to 0.751] | 0.686 |  |  |
| **Currently use smokeless tobacco** |  |  | 1.4 | 1.2 |
| *No* | — |  |  |  |
| *Yes* | -0.602 [-1.38 to 0.175] | 0.129 |  |  |
| **Alcohol consumption within the past 30 days?** |  |  | 1.6 | 1.3 |
| *No* | — |  |  |  |
| *Yes* | -0.184 [-0.990 to 0.621] | 0.654 |  |  |
| **Healthy eating habit** |  |  | 1.2 | 1.1 |
| *Bad* | — |  |  |  |
| *Good* | -0.013 [-0.170 to 0.144] | 0.872 |  |  |
| **Regular physical activity** |  |  | 1.2 | 1.1 |
| *No* | — |  |  |  |
| *Yes* | -0.059 [-0.298 to 0.180] | 0.627 |  |  |
| **BMI (kg/m2) grouped** |  |  | 2.0 | 1.1 |
| *Normal (18.5–24.9)* | — |  |  |  |
| *Underweight (<18.5)* | -0.371 [-0.720 to -0.023]\* | **0.037** |  |  |
| *Overweight (25–29.9)* | -0.068 [-0.238 to 0.101] | 0.429 |  |  |
| *Obese (>=30)* | 0.006 [-0.191 to 0.202] | 0.956 |  |  |
| **Age (years)** | -0.009 [-0.016 to -0.003]\*\* | **0.004** | 1.9 | 1.4 |
| **Hours spent on sleeping** | 0.017 [-0.024 to 0.059] | 0.408 | 1.3 | 1.2 |
| **Time spent sitting or reclining in hrs** | -0.003 [-0.032 to 0.025] | 0.826 | 1.7 | 1.3 |
| **Blood glucose (mmol/l)** | -0.005 [-0.016 to 0.007] | 0.422 | 1.2 | 1.1 |
| **Systolic Blood pressure (mm Hg)** | -0.001 [-0.005 to 0.003] | 0.638 | 2.6 | 1.6 |
| **Diastolic Blood pressure (mm Hg)** | -0.001 [-0.010 to 0.007] | 0.783 | 1.9 | 1.4 |
| **Waist-to-hip ratio** | -0.453 [-1.07 to 0.162] | 0.149 | 1.2 | 1.1 |
| **(phi)** | 18.6 [15.1 to 22.1]\*\*\* | **<0.001** |  |  |
| 1\*p<0.05; \*\*p<0.01; \*\*\*p<0.001 | | | | |
| 2Beta = Estimate, CI = Confidence Interval, GVIF = Generalized Variance Inflation Factor | | | | |
| 3GVIF^[1/(2\*df)] | | | | |
| pseudo.r.squared = 0.249; Null df = 205; Log-likelihood = 161; AIC = -256; BIC = -146; Residual df = 174; No. Obs. = 207 | | | | |