**Supplementary Material 14** Multilevel QALY regression using EQ-5D-5L preference weights

**ML Ordinary Least Square regression – QALYs measured using EQ-5D-5L preference values**

| | Coef. | St.Err. | t-value | p-value | [95% Conf | Interval] | Sig |
|---|---|---|---|---|---|---|---|
| EQ-5D-5L baseline | 0.257 | 0.023 | 11 | 0 | 0.211 | 0.303 | *** |
| SWAL only | 0.004 | 0.009 | 0.46 | 0.644 | -0.014 | 0.023 | |
| SWAL plus desk | 0.002 | 0.009 | 0.22 | 0.826 | -0.017 | 0.021 | |
| Age | 0.000 | 0.000 | -1.11 | 0.269 | -0.001 | 0.000 | |
| Female | -0.009 | 0.009 | -1.01 | 0.315 | -0.026 | 0.009 | |
| Other ethnicity | 0.006 | 0.009 | 0.68 | 0.501 | -0.012 | 0.025 | |
| BMI | -0.002 | 0.001 | -2.26 | 0.03 | -0.003 | 0.000 | ** |
| Salford | 0.000 | 0.009 | 0 | 0.999 | -0.018 | 0.018 | |
| Liverpool | 0.012 | 0.012 | 1.03 | 0.309 | -0.012 | 0.036 | |
| Cluster ≥10 | 0.002 | 0.008 | 0.24 | 0.81 | -0.013 | 0.017 | |
| Constant | 0.743 | 0.036 | 20.63 | 0 | 0.671 | 0.815 | *** |

*** p<0.01, ** p<0.05, * p<0.1; reference group for ethnicity is White