**Appendix G: Unbalanced Panel Data Analysis Restricting Sample To Trusts With Minimum Response Rates Of 60%**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **EQ-5D** | **EQ-VAS** | **Oxford Hip Score** | **Oxford Knee Score** |
| **Variable** |
| **30-day readmission rate following hip replacement** | 0.004**\*\*** | 0.35**\*\*\*** | 0.16**\*\*\*** | - |
| Coefficient (95% CI) | (0.003 to 0.008) | (0.11 to 0.60) | (0.05 to 0.27) | - |
| Average number of Trusts per year | 53 | 53 | 53 | - |
| **30-day readmission rate following knee replacement** | 0.003**\*\*** | 0.30**\*\*\*** | - | 0.14**\*\*\*** |
| Coefficient (95% CI) | (0.001 to 0.006) | (0.11 to 0.50) | - | (0.05 to 0.24) |
|  |  |  |  |  |
| Average number of Trusts per year | 61 | 61 | - | 61 |

*Note: 1\*\*\* indicates that the variable has robust impact on dependent variable at 1% significance level, \*\* for 5%, and \* for 10%; 2 The Hausman test was used to determine the preferred model effect; 3 Direction of coefficients has been inverted to represent effect of a 1% reduction in the readmission rate on the dependent variable.*