**Table E-1**. Final logistic regression models that include significant variables associated with the highest expectation for each item. All models are adjusted for age, gender, and country. WOMAC pain and function scores were dichotomized as ≤50 or >50, SF-36 physical function scores were dichotomized as ≤25 or >25, and SF-36 mental health scores were dichotomized as ≤60 or >60. Adjusted odds ratios (95% confidence intervals) are reported for the final model variables only. The bold font indicates $p < 0.05$.

| | Expectations for 12 months after surgery | | | |
| --- | --- | --- | --- | --- |
| | **No Pain** | **Walking >2 miles** | **Recreation unlimited** | **No aid** |
| Age <70 years | 1.07 (0.74, 1.55) | **2.33 (1.56, 3.48)** | 1.13 (0.78, 1.62) | 1.69 (1.00, 2.87) |
| Gender – male | 0.78 (0.86, 1.59) | **2.47 (1.68, 3.62)** | 1.17 (0.81, 1.69) | 0.99 (0.59, 1.68) |
| Country | | | | |
| - United Kingdom | 1.10 (0.69, 1.60) | 0.97 (0.61, 1.53) | 0.74 (0.48, 1.13) | **0.35 (0.19, 0.64)** |
| - Australia | 1.21 (0.71, 2.06) | **1.81 (1.06, 3.10)** | **2.12 (1.30, 3.50)** | 3.73 (1.04, 13.30) |
| - United States | 1.0 | **1.0** | **1.0** | 1.0 |
| Number of comorbid conditions ≤2 | NS | **1.82 (1.09, 2.99)** | NS | NS |
| Body Mass Index <30 | NS | **1.58 (1.03, 2.43)** | NS | NS |
| Preoperative WOMAC Pain >50 | **1.75 (1.11, 2.78)** | NS | NS | NS |
| Preoperative WOMAC Function >50 | NS | NS | NS | NS |
| Preoperative SF-36 Physical Function >25 | NS | **3.34 (2.28, 4.90)** | **2.40 (1.66, 3.47)** | **5.23 (2.64, 10.36)** |
| Preoperative SF-36 Mental Health >60 | **1.65 (1.11, 2.45)** | NS | NS | NS |

*NS=not significant*