**APPENDIX TABLE II.** Multivariable robust regression results for total hospitalization payments (in US $) for 4 orthopaedic surgical procedures, MarketScan Commercial Claims and Encounters Database, 2010–2016

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **THA** | **TKA** | **ACDF** | **PSF** |
| **Estimate** | ***P* Value** | **Estimate** | ***P* Value** | **Estimate** | ***P* Value** | **Estimate** | ***P* Value** |
| Year  | 611 | <0.001 | 666 | <0.001 | 952 | <0.001 | 1142 | <0.001 |
| Age category, y |  |  |  |  |  |  |  |  |
| 18–34  | 2422 | 0.124 | 2970 | 0.052 | 2970 | 0.073 | 2970 | 0.073 |
| 35–44 | 1844 | 0.237 | 1048 | 0.425 | 1048 | 0.065 | 1048 | 0.065 |
| 45–54 | 1618 | 0.298 | 964 | 0.459 | 964 | 0.066 | 964 | 0.066 |
| 55–64 | 1125 | 0.469 | 517 | 0.69 | 517 | 0.094 | 517 | 0.094 |
| >64 | Referent | Referent | Referent | Referent |
| Sex |  |  |  |  |  |  |  |  |
| Male | 207 | <0.001 | 315 | <0.001 | 704 | <0.001 | 704 | <0.001 |
| Female | Referent | Referent | Referent | Referent |
| Length of stay, d | 638 | <0.001 | 1113 | <0.001 | 2180 | <0.001 | 2180 | <0.001 |
| Elixhauser score |  |  |  |  |  |  |  |  |
| 1 | 501 | 0.001 | 229 | 0.02 | 342 | 0.428 | 3783 | <0.001 |
| 2 | 262 | 0.09 | 300 | 0.002 | –569 | 0.103 | 511 | 0.327 |
| 3 | 170 | 0.313 | 125 | 0.234 | –225 | 0.559 | 491 | 0.393 |
| >3 | Referent | Referent | Referent | Referent |

ACDF, 1-level anterior cervical discectomy and fusion; PSF, 1-level lumbar instrumented posterior spinal fusion; THA, total hip arthroplasty; TKA, total hip arthroplasty.