**Supplemental Table 5.** Multivariate Regression Models for Pseudarthrosis and Revision Surgery Occurring in the Unmatched Population Undergoing Single-Level Anterior Lumbar Interbody Fusion Surgeries

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| --- | --- | --- |
|  | **Pseudarthrosis***OR (95% CI)*  | **Revision Surgery***OR (95% CI)*  |
| **Age** |
|  65 – 69  | *Reference value* |  |
|  70 – 74  | 0.84 (0.65 – 1.07) | 0.88 (0.75 – 1.04) |
|  75 – 79  | 0.96 (0.72 – 1.26) | 1.02 (0.84 – 1.23) |
|  80 – 84 | 0.61 (0.37 – 0.96) | 0.63 (0.45 – 0.85) |
| **Sex** |
|  Female | *Reference value* |  |
|  Male | 1.15 (0.92 – 1.43) | 1.12 (0.96 – 1.30) |
| **Comorbidities** |
|  Body Mass Index > 30 kg/m2 | 1.39 (0.95 – 1.97) | 1.19 (0.90 – 1.56) |
|  Diabetes Mellitus | 1.26 (0.98 – 1.61) | 1.21 (1.01 – 1.44) |
|  Chronic Kidney Disease | 0.86 (0.51 – 1.37) | 1.03 (0.73 – 1.41) |
|  Hypertension | 1.46 (1.15 – 1.85)\* | 1.08 (0.93 – 1.27) |
|  Smoking | 1.24 (0.91 – 1.67) | 1.49 (1.21 – 1.82) |
|  Rheumatoid Arthritis | 1.39 (0.85 – 2.15) | 1.27 (0.88 – 1.77) |
|  Osteoporosis | 1.79 (1.32 – 2.39)\* | 1.14 (0.89 – 1.44) |
| **BMP+ Treatment Cohort** | 1.41 (1.15 – 1.74)\* | 1.05 (0.91 – 1.22) |
| *\*Odds Ratio (95% Confidence Interval)**+Bone morphogenetic protein* |