**Supplement 3:** Sensitivity analysis of the association of peripheral nerve blocks with persistent postoperative opioid prescription fulfillment in ambulatory shoulder surgery with missing institution not imputed

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **No Peripheral nerve block** **(n)** | **Peripheral nerve block (n)** | **Persistent postoperative opioid use****n(%)** | **Unadjusted****Odds Ratio (95% CI)** | **P value** | **Adjusted analysis**†**Odds Ratio (95% CI)** | ***P* value** |
| **Sensitivity analysis** |  |  |  |  |  |  |  |
| * Full Cohort, n= 48,523
* Preoperative opioid use
	+ Naïve n= 36,865
	+ Exposed, n=10,547
	+ Tolerant, n=1,111
 | 18,14613,5414,142463 | 30,37723,3246,405648 | 8,229 (17.0)2,862 (7.8)4,690 (44.5)677 (60.9) | 0.91 (0.87 to 0.96)1.00 (0.92-1.08)0.93 (0.86-1.00)1.08 (0.85-1.38) | <0.0010.9120.0530.522 | 0.91 (0.84 – 0.98)0.95 (0.86-1.05)0.88 (0.79-0.98)1.04 (0.78- 1.40) | 0.0190.2960.0190.774 |

p<0.05 is statistically significant.

\*Persistent postoperative opioid prescription fulfillment defined in accordance with published consensus guidelines.

†variables included in the model are outlined in Table 1.