Table 3. Multivariable Logistic Regression Analysis for Medical Complications, Mortality and Readmissions for Z Scores of ASA physical status shown by Surgical Specialty in Patients who Underwent Outpatient Surgery

|                         | # Events | Total n, (%) | Odds Ratio (95% CI)* | P Value* |
|-------------------------|----------|--------------|----------------------|----------|
| **Medical Complications** |          |              |                      |          |
| General Surgery          | 11661    | 1252626 (0.93) | 1.38 (1.36, 1.42)    | <.0001   |
| Gynecology               | 4295     | 165937 (2.59)  | 1.14 (1.09, 1.17)    | <.0001   |
| Orthopedics              | 2029     | 298175 (0.68)  | 1.21 (1.15, 1.27)    | <.0001   |
| ENT                      | 594      | 91908 (0.65)   | 1.38 (1.26, 1.51)    | <.0001   |
| Plastic Surgery          | 543      | 94552 (0.57)   | 1.17 (1.06, 1.28)    | <.0012   |
| Urology                  | 4120     | 111732 (3.69)  | 1.07 (1.04, 1.11)    | <.0001   |
| Vascular                 | 1535     | 74900 (2.05)   | 1.26 (1.19, 1.32)    | <.0001   |
| **Death**                |          |              |                      |          |
| General Surgery          | 946      | 1252626 (0.08) | 2.04 (1.89, 2.19)    | <.0001   |
| Gynecology               | 40       | 165937 (0.02)  | 1.67 (1.19, 2.35)    | 0.0033   |
| Orthopedics              | 118      | 298175 (0.04)  | 1.77 (1.43, 2.18)    | <.0001   |
| ENT                      | 52       | 91908 (0.06)   | 2.03 (1.50, 2.75)    | <.0001   |
| Plastic Surgery          | 27       | 94552 (0.03)   | 1.76 (1.17, 2.66)    | 0.0070   |
| Urology                  | 215      | 111732 (0.19)  | 1.98 (1.70, 2.30)    | <.0001   |
| Vascular                 | 303      | 74900 (0.40)   | 1.44 (1.27, 1.64)    | <.0001   |
| **Readmission**          |          |              |                      |          |
| General Surgery          | 23334    | 893472 (2.61)  | 1.29 (1.27, 1.31)    | <.0001   |
| Gynecology               | 3359     | 153669 (2.19)  | 1.19 (1.15, 1.23)    | <.0001   |
| Orthopedics              | 3327     | 266932 (1.25)  | 1.29 (1.24, 1.35)    | <.0001   |
| ENT                      | 1834     | 80602 (2.28)   | 1.22 (1.16, 1.28)    | <.0001   |
| Plastic Surgery          | 1809     | 83717 (2.16)   | 1.25 (1.19, 1.31)    | <.0001   |
| Procedure     | Total Cases | Median Length of Stay (IQR) | Odds Ratio (95% CI) | p-Value |
|---------------|-------------|-----------------------------|---------------------|---------|
| Urology       | 4333        | 100097 (4.33)               | 1.23 (1.19, 1.27)   | <.0001  |
| Vascular      | 2874        | 52750 (5.45)                | 1.14 (1.10, 1.19)   | <.0001  |

*Results based on multivariable logistic regression adjusted for gender, smoker, diabetes, dyspnea, obesity, COPD, bleeding disorder, hypertension required medication, operative duration, and RVU.
ASA = American Society of Anesthesiologists, ENT = ear, nose and throat. **Outpatient surgery defined as length of stay = 0 days.**