Supplemental Table 2. Multivariable regression analysis for excessive oxygen exposure among patients with airway obstructive pattern (FEV1.0/FVC ratio <70%) and normal pattern (FEV1.0/FVC ratio ≥70%)

|  |  |  |
| --- | --- | --- |
|  | Airway obstructive patternN = 149 | Normal patternN = 939 |
| Variable | Adjusted OR [95% CI] | *P* value | Adjusted OR [95% CI] | *P* value |
| Age | 1.376 [0.498-3.797] | 0.074 | 1.219 [0.856–1.74] | 0.800 |
| Sex, female | 0.657 [0.242-1.782] | 0.410 | 1.092 [0.806–1.48] | 0.570 |
| Weight | 2.029 [0.920-4.473] | 0.079 | 1.126 [0.872–1.45] | 0.362 |
| ASA physical status |  |  |  |  |
| I | Reference |  | Reference |  |
| II | 0.618 [0.157-2.429] | 0.491 | 1.307 [0.738-2.31] | 0.358 |
| III | 0.317 [0.07-1.424] | 0.134 | 1.485 [0.727-3.03] | 0.278 |
| IV | - | - | 6654 [523-84643] | < 0.001 |
| Emergency surgery | 0.009 [0.0006-0.143] | < 0.001 | 1.763 [0.305–10.17] | 0.526 |
| One-lung ventilation | 22.800 [4.503-115.44] | < 0.001 | 12.506 [5.294–29.54] | < 0.001 |
| Volume controlled ventilation | 0.594 [0.215-1.644] | 0.316 | 0.369 [0.182–0.75] | 0.006 |
| PEEP | 0.953 [0.285-3.189] | 0.937 | 0.500 [0.209–1.19] | 0.118 |
| \*For all continuous variables, OR reflects changes in odds for the comparison between the 25th percentile and the 75th percentile in each variable. OR = odds ratio; CI = confidence interval; ASA = American Society of Anesthesiologists; PEEP = positive end-expiratory pressure. |