Supplemental Table 1. Bivariable Analyses of Factors Associated with *Staphylococcus aureus* Nasal Carriage; Patients with Unknown Carriage Status Excluded

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| **Patient Characteristics** |  | **Non-carriers (n = 778)** |  | ***S. aureus* carriage (n = 262)** |  | **MSSA carriage****(n = 211)** |  | **MRSA carriage****(n = 51)** |
|  |  | **No.****(%)** |  | **No.****(%)** | **Odds Ratio (95% CI)** |  | **No.****(%)** | **Odds Ratio (95% CI)** |  | **No.****(%)** | **Odds Ratio** **(95% CI)** |
| Age, mean (range) |  | 53.86(18-98) |  | 52.19 (18-97) | 1.00 (0.99-1.00) |  | 50.35 (18-97) | 0.99 (0.98-0.99) |  | 59.81 (19-91) | 1.02 (1.01-1.03) |
| BMI, mean (range) |  | 29.35(14.65-66.14) |  | 29.34 (14.18-75.39) | 1.00 (0.98-1.02) |  | 28.85 (16.21-75.39) | 0.99(0.97-1.01) |  | 31.37 (14.18-55.01) | 1.03 (1.00-1.07) |
| Male gender |  | 418 (53.73) |  | 153 (58.40) | 1.21 (0.91-1.60) |  | 128 (60.66) | 1.34(0.99-1.83) |  | 25 (49.02) | 0.78(0.44-1.37) |
| Tobacco use |  | 377 (48.46) |  | 112 (42.75) | 0.79(0.60-1.05) |  | 89 (42.18) | 0.78 (0.58-1.06) |  | 23 (45.10) | 0.92(0.52-1.62) |
| Alcohol use disorder |  | 39(5.01) |  | 13(4.96) | 0.99(0.52-1.88) |  | 11 (5.21) | 1.06(0.53-2.09) |  | 2 (3.92) | 0.77 (0.18-3.24) |
| Illicit drug use (including THC) |  | 48(6.17) |  | 16 (6.11) | 0.99(0.55-1.77) |  | 12 (5.69) | 0.90(0.47-1.72) |  | 4 (7.84) | 1.32(0.46-3.78) |
| Diabetes |  | 83(10.67) |  | 44 (16.79) | 1.69(1.14-2.51) |  | 30 (14.22) | 1.25(0.81-1.94) |  | 14 (27.45) | 2.93(1.54-5.59) |
| Heart disease |  | 133(17.10) |  | 50(19.08) | 1.14(0.80-1.64) |  | 33 (15.64) | 0.84(0.56-1.27) |  | 17 (33.33) | 2.48(1.35-4.54) |
| Vascular incident |  | 44(5.66) |  | 17(6.49) | 1.16(0.65-2.06) |  | 12(5.69) | 0.96(0.50-1.84) |  | 5(9.80)  | 1.81(0.69-4.74) |
| Renal disease |  | 39(5.01) |  | 19(7.25) | 1.48(0.84-2.61) |  | 10(4.74) | 0.81(0.40-1.63) |  | 9(17.65) | 4.11(1.89-8.92) |
| Liver disease |  | 19(2.44) |  | 11(4.20) | 1.75(0.82-3.73) |  | 8(3.79) | 1.45(0.63-3.29) |  | 3(5.88) | 2.23(0.65-7.60) |
| Malnutrition |  | 57(7.33) |  | 14(5.34) | 0.71(0.39-1.30) |  | 9(4.27) | 0.55(0.27-1.13) |  | 5(9.80) | 1.52(0.58-3.95) |
| History of cancer |  | 63(8.10) |  | 17 (6.49) | 0.79(0.45-1.37) |  | 14(6.64) | 0.82(0.45-1.49) |  | 3(5.88) | 0.74(0.23-2.43) |
| Immunocompromised or HIV positive |  | 15(1.93) |  | 2 (0.76) | 0.39(0.09-1.72) |  | 1 (0.47) | 0.24(0.03-1.83) |  | 1 (1.96) | 1.22(0.16-9.36) |
| Long-term care facility resident |  | 15(1.93) |  | 14 (5.34) | 2.87(1.37-6.03) |  | 8 (3.79) | 1.52(0.66-3.47) |  | 6 (11.76) | 5.60(2.17-14.44) |
| Open fracture |  | 137(17.61) |  | 43(16.41) | 0.92(0.63-1.34) |  | 33(15.64) | 0.86(0.57-1.30) |  | 10(19.61) | 1.18(0.58-2.39) |

Note. *S. aureus*, *Staphylococcus aureus*;MSSA, methicillin-susceptible *Staphylococcus aureus*; MRSA, methicillin-resistant *Staphylococcus aureus*; BMI, body mass index; THC, tetrahydrocannabinol; HIV, human immunodeficiency virus.