Supplementary material

Supplementary Table 1. Odds ratios of confounding factors used in the logistic regression model.

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| --- | --- | --- |
|  | Before the pandemic | During the pandemic |
|  | Crude OR (95% CI) | aOR (95% CI) | Crude OR (95% CI) | aOR (95% CI) |
| Survival to hospital discharge |
|  | Age | 0.94 (0.92–0.95) | 0.93 (0.90–0.95) | 0.95 (0.93–0.96) | 0.94 (0.92–0.96) |
| Sex, Male | 3.23 (1.68–6.84) | 3.20 (1.44–7.80) | 1.40 (0.83–2.46) | 0.89 (0.47–1.72) |
| Witnessed | 7.31 (3.73–16.08) | 9.09 (4.18–21.99) | 4.29 (2.44–8.00) | 3.98 (2.15–7.78) |
| Location of arrest |
|  | Home | 1.00 | 1.00 | 1.00 | 1.00 |
| Public | 3.60 (2.07–6.20) | 2.15 (1.06–4.33) | 4.45 (2.62–7.55) | 3.83 (1.98–7.47) |
| Others | 0.36 (0.02–1.72) | 0.22 (0.01–1.84) | 1.82 (0.60–4.47) | 3.98 (1.11–12.42) |
| Time of arrest, daytime | 0.88 (0.52–1.52) | 1.08 (0.55–2.13) | 0.92 (0.56–1.54) | 0.86 (0.47–1.58) |
| Seasons |
|  | Spring | 1.00 | 1.00 | 1.00 | 1.00 |
| Summer | 0.47 (0.19–1.06) | 0.40 (0.14–1.07) | 1.54 (0.72–3.35) | 1.14 (0.48–2.76) |
| Fall | 0.57 (0.26–1.21) | 0.53 (0.20–1.36) | 1.74 (0.84–3.70) | 1.38 (0.61–3.17) |
| Winter | 1.08 (0.57–2.05) | 1.21 (0.54–2.73) | 1.49 (0.74–3.13) | 1.24 (0.56–2.81) |
| Heart disease | 1.64 (0.91–2.85) | 5.22 (2.35–11.84) | 1.35 (0.74–2.36) | 2.32 (1.15–4.59) |
| Stroke | 0.32 (0.05–1.04) | 0.58 (0.09–2.26) | 0.95 (0.43–1.88) | 1.98 (0.82–4.44) |
| HTN | 0.76 (0.43–1.30) | 1.37 (0.63–2.96) | 0.68 (0.40–1.14) | 0.82 (0.42–1.57) |
| DM | 0.66 (0.34–1.20) | 0.61 (0.25–1.40) | 0.70 (0.38–1.22) | 0.79 (0.39–1.55) |
| COPD | 0.16 (0.01–0.73) | 0.20 (0.01–1.11) | 0.31 (0.05–1.03) | 0.56 (0.09–2.01) |
| CKD | 0.62 (0.15–1.75) | 0.53 (0.08–2.40) | 0.88 (0.30–2.06) | 1.44 (0.45–3.86) |
| LC | 1.65 (0.26–6.02) | 2.36 (0.29–13.20) | - | - |
| Cancer | 0.69 (0.26–1.53) | 0.87 (0.29–2.31) | 0.37 (0.11–0.91) | 0.63 (0.18–1.74) |
| Response time | 0.84 (0.74–0.95) | 0.80 (0.69–0.91) | 0.88 (0.80–0.97) | 0.87 (0.78–0.96) |
| Favorable neurologic outcomes |
|  | Age | 0.93 (0.92–0.95) | 0.92 (0.90–0.95) | 0.93 (0.92–0.95) | 0.93 (0.90–0.95) |
| Sex, Male | 2.95 (1.53–6.27) | 2.92 (1.27–7.33) | 2.05 (1.07–4.27) | 1.41 (0.64–3.31) |
| Witnessed | 10.80 (4.95–28.39) | 13.60 (5.59–39.21) | 5.32 (2.67–11.81) | 5.11 (2.40–12.07) |
| Location of arrest |
|  | Home | 1.00 | 1.00 | 1.00 | 1.00 |
| Public | 4.11 (2.33–7.19) | 2.52 (1.20–5.27) | 4.23 (2.30–7.74) | 3.58 (1.64–7.87) |
| Others | 0.41 (0.02–1.98) | 0.25 (0.01–2.11) | 1.45 (0.34–4.31) | 4.11 (0.78–16.78) |
| Time of arrest, daytime | 0.84 (0.49-1.47) | 0.99 (0.49–2.02) | 0.89 (0.50–1.61) | 0.82 (0.41–1.68) |
| Seasons |
|  | Spring | 1.00 | 1.00 | 1.00 | 1.00 |
| Summer | 0.50 (0.20–1.13) | 0.43 (0.15–1.17) | 1.35 (0.58–3.18) | 0.93 (0.34–2.50) |
| Fall | 0.61 (0.27–1.29) | 0.57 (0.20–1.52) | 1.15 (0.48–2.75) | 0.79 (0.29–2.10) |
| Winter | 0.97 (0.50–1.90) | 1.03 (0.43–2.46) | 1.33 (0.61–3.00) | 1.09 (0.45–2.73) |
| Heart disease | 1.52 (0.82–2.71) | 4.98 (2.11–12.03) | 1.45 (0.73–2.73) | 2.70 (1.19–5.98) |
| Stroke | 0.16 (0.01–0.77) | 0.30 (0.02–1.64) | 1.04 (0.42–2.22) | 2.40 (0.85–6.20) |
| HTN | 0.78 (0.44–1.36) | 1.49 (0.65–3.37) | 0.83 (0.45–1.49) | 1.23 (0.57–2.62) |
| DM | 0.65 (0.32–1.21) | 0.55 (0.21–1.33) | 0.58 (0.27–1.13) | 0.51 (0.21–1.15) |
| COPD | - | - | 0.45 (0.07–1.50) | 0.93 (0.14–3.48) |
| CKD | 0.67 (0.16–1.90) | 0.71 (0.10–3.40) | 1.28 (0.43–3.05) | 2.56 (0.76–7.46) |
| LC | 1.77 (0.28–6.51) | 2.78 (0.31–17.72) | - | - |
| Cancer | 0.75 (0.28–1.67) | 1.01 (0.32–2.80) | 0.39 (0.09–1.08) | 0.66 (0.14–2.14) |
| Response time | 0.82 (0.71–0.93) | 0.77 (0.65–0.89) | 0.92 (0.82–1.02) | 0.92 (0.81–1.02) |

HTN, hypertension; DM, diabetes mellitus; COPD, chronic obstructive pulmonary disease; CKD, chronic kidney disease; LC, liver cirrhosis.