Supplementary Material

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## Table S1

descr(select(datafile\_cont\_table, -outcome\_s) |>   
 mutate(title = factor(title, labels = c(rep('1', 4), '0'))),  
 group = 'title',  
 summary\_stats\_cont = list(  
 median = DescrTab2:::.median,  
 Q1 = DescrTab2:::.Q1,  
 Q3 = DescrTab2:::.Q3  
 ),  
 reshape\_rows = list(  
 `Q1 - Q3` = list(args = c("Q1", "Q3"), fun = function(Q1, Q3) { paste0(Q1, "-", Q3) })),  
 test\_options = list(  
 nonparametric = F,  
 exact = F  
 ),  
 format\_options = list(  
 print\_p = F,  
 print\_CI = F,  
 print\_Total = F,  
 percent\_suffix = "",  
 combine\_median\_Q1\_Q3 = T,  
 Nmiss\_row\_percent = F,  
 omit\_missings\_in\_categorical\_var = F,  
 omit\_missings\_in\_group = F,  
 categorical\_missing\_percent\_mode = "missing\_as\_regular\_category",  
 percent\_accuracy = 0.1,  
 combine\_mean\_sd=TRUE))

| Variables | 1 | 0 |
| --- | --- | --- |
|  | (N=749) | (N=93106) |
| **age** |  |  |
| median (Q1, Q3) | 34 (23, 46) | 33 (23, 45) |
| **age\_g** |  |  |
| c | 108 (14.4) | 14604 (15.7) |
| a | 599 (80.0) | 74623 (80.1) |
| o | 42 (5.6) | 3879 (4.2) |
| **gender** |  |  |
| Male | 355 (47.4) | 49649 (53.3) |
| Female | 394 (52.6) | 40430 (43.4) |
| (Missing) | 0 (0.0) | 3027 (3.3) |
| **vaccine** |  |  |
| 0 | 125 (16.7) | 14832 (15.9) |
| 1 | 33 (4.4) | 2791 (3.0) |
| 2 | 374 (49.9) | 44258 (47.5) |
| 3 | 217 (29.0) | 31225 (33.5) |
| **vaccine\_produce** |  |  |
| P | 103 (13.8) | 13458 (14.5) |
| V | 195 (26.0) | 22855 (24.5) |
| PV | 331 (44.2) | 42640 (45.8) |
| (Missing) | 120 (16.0) | 14153 (15.2) |
| **vaccine\_expire** |  |  |
| U | 125 (16.7) | 14832 (15.9) |
| 1 | 28 (3.7) | 3793 (4.1) |
| 2 | 41 (5.5) | 6538 (7.0) |
| 3 | 94 (12.6) | 13243 (14.2) |
| 4 | 157 (21.0) | 20839 (22.4) |
| 5 | 303 (40.5) | 33722 (36.2) |
| 6 | 1 (0.1) | 139 (0.1) |

## Table S2

descr(select(datafile\_cont\_table, -outcome\_s) |>   
 filter(title != 0) |>   
 mutate(title = factor(title, level = c('1\_0', '1\_1', '1\_2', '1\_3'))),  
 group = 'title',  
 group\_labels = group\_labels,  
 summary\_stats\_cont = list(  
 median = DescrTab2:::.median,  
 Q1 = DescrTab2:::.Q1,  
 Q3 = DescrTab2:::.Q3  
 ),  
 reshape\_rows = list(  
 `Q1 - Q3` = list(args = c("Q1", "Q3"), fun = function(Q1, Q3) { paste0(Q1, "-", Q3) })),  
 test\_options = list(  
 nonparametric = F,  
 exact = F  
 ),  
 format\_options = list(  
 print\_p = F,  
 print\_CI = F,  
 print\_Total = F,  
 percent\_suffix = "",  
 combine\_median\_Q1\_Q3 = T,  
 Nmiss\_row\_percent = F,  
 omit\_missings\_in\_categorical\_var = F,  
 omit\_missings\_in\_group = F,  
 categorical\_missing\_percent\_mode = "missing\_as\_regular\_category",  
 percent\_accuracy = 0.1,  
 combine\_mean\_sd=TRUE))

| Variables | Unvaccinated cases | 1 dose cases | 2 doses cases | Booster dose cases |
| --- | --- | --- | --- | --- |
|  | (N=125) | (N=33) | (N=374) | (N=217) |
| **age** |  |  |  |  |
| median (Q1, Q3) | 31 (22, 46) | 32 (24, 40) | 31 (18, 44) | 38 (32, 48) |
| **age\_g** |  |  |  |  |
| c | 17 (13.6) | 3 (9.1) | 88 (23.5) | 0 (0.0) |
| a | 97 (77.6) | 27 (81.8) | 264 (70.6) | 211 (97.2) |
| o | 11 (8.8) | 3 (9.1) | 22 (5.9) | 6 (2.8) |
| **gender** |  |  |  |  |
| Female | 58 (46.4) | 10 (30.3) | 207 (55.3) | 119 (54.8) |
| Male | 67 (53.6) | 23 (69.7) | 167 (44.7) | 98 (45.2) |
| **vaccine** |  |  |  |  |
| 0 | 125 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) |
| 1 | 0 (0.0) | 33 (100.0) | 0 (0.0) | 0 (0.0) |
| 2 | 0 (0.0) | 0 (0.0) | 374 (100.0) | 0 (0.0) |
| 3 | 0 (0.0) | 0 (0.0) | 0 (0.0) | 217 (100.0) |
| **vaccine\_produce** |  |  |  |  |
| P | 1 (0.8) | 13 (39.4) | 58 (15.5) | 31 (14.3) |
| V | 4 (3.2) | 18 (54.5) | 136 (36.4) | 37 (17.1) |
| PV | 0 (0.0) | 2 (6.1) | 180 (48.1) | 149 (68.7) |
| (Missing) | 120 (96.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) |
| **vaccine\_expire** |  |  |  |  |
| U | 125 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) |
| 1 | 0 (0.0) | 1 (3.0) | 0 (0.0) | 27 (12.4) |
| 2 | 0 (0.0) | 1 (3.0) | 1 (0.3) | 39 (18.0) |
| 3 | 0 (0.0) | 2 (6.1) | 14 (3.7) | 78 (35.9) |
| 4 | 0 (0.0) | 2 (6.1) | 82 (21.9) | 73 (33.6) |
| 5 | 0 (0.0) | 26 (78.8) | 277 (74.1) | 0 (0.0) |
| 6 | 0 (0.0) | 1 (3.0) | 0 (0.0) | 0 (0.0) |