Example knitr/R Markdown document

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## Table 1 - Baseline characteristics and admission FBC parameters of all patients on day 1

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| label | Total N | levels | Bacterial | COVID-19 | Influenza | Other Viral | Total | p |
| Total N (%) |  |  | 13045 (18.6) | 54821 (78.1) | 2116 (3.0) | 213 (0.3) | 70195 |  |
| Age | 65852 | Median (IQR) | 75.0 (20.0) | 73.0 (24.0) | 72.0 (26.0) | 72.0 (23.0) | 74.0 (23.0) | <0.001 |
| Sex | 70185 | Female | 6813 (52.2) | 23391 (42.7) | 1244 (58.8) | 125 (58.7) | 31573 (45.0) | <0.001 |
|  |  | Male | 6232 (47.8) | 31328 (57.2) | 872 (41.2) | 88 (41.3) | 38520 (54.9) |  |
|  |  | Not specified |  | 92 (0.2) |  |  | 92 (0.1) |  |
| WBC | 70195 | Median (IQR) | 12.3 (7.5) | 7.5 (5.2) | 8.3 (5.2) | 10.3 (7.1) | 8.2 (6.1) | <0.001 |
| Lymphocytes | 70047 | Median (IQR) | 1.1 (0.9) | 0.9 (0.7) | 0.9 (0.7) | 1.0 (0.9) | 0.9 (0.7) | <0.001 |
| Neutrophils | 70047 | Median (IQR) | 9.8 (6.9) | 5.7 (4.8) | 6.4 (4.6) | 7.9 (6.2) | 6.4 (5.5) | <0.001 |
| Monocytes | 15226 | Median (IQR) | 0.9 (0.6) | NA (NA) | 0.7 (0.5) | 0.8 (0.5) | 0.8 (0.6) | <0.001 |
| Platelets | 69645 | Median (IQR) | 247.0 (128.0) | 219.0 (122.0) | 205.0 (95.0) | 228.0 (120.0) | 224.0 (123.0) | <0.001 |

## Table 2 - Detailed characteristics of COVID patients on day 1

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| label | Total N | levels | Death | IMV | NIV/HFNC | Oxygen alone | Ward | Total |
| Total N (%) |  |  | 17644 (32.2) | 2903 (5.3) | 3467 (6.3) | 16930 (30.9) | 13877 (25.3) | 54821 |
| age.factor | 54821 | <50 | 417 (2.4) | 811 (27.9) | 688 (19.8) | 2479 (14.6) | 2569 (18.5) | 6964 (12.7) |
|  |  | 50-69 | 3273 (18.6) | 1744 (60.1) | 1613 (46.5) | 5489 (32.4) | 3841 (27.7) | 15960 (29.1) |
|  |  | 70-79 | 4697 (26.6) | 313 (10.8) | 695 (20.0) | 3798 (22.4) | 2909 (21.0) | 12412 (22.6) |
|  |  | 80+ | 9257 (52.5) | 35 (1.2) | 471 (13.6) | 5164 (30.5) | 4558 (32.8) | 19485 (35.5) |
| sex | 54811 | Female | 6850 (38.8) | 866 (29.8) | 1338 (38.6) | 7568 (44.7) | 6769 (48.8) | 23391 (42.7) |
|  |  | Male | 10754 (61.0) | 2033 (70.1) | 2125 (61.3) | 9342 (55.2) | 7074 (51.0) | 31328 (57.2) |
|  |  | Not specified | 37 (0.2) | 3 (0.1) | 4 (0.1) | 19 (0.1) | 29 (0.2) | 92 (0.2) |
| Ethnicity | 48730 | Aboriginal/First Nations | 3 (0.0) | 2 (0.1) | 0 (0.0) | 2 (0.0) | 6 (0.0) | 13 (0.0) |
|  |  | Arab | 67 (0.4) | 26 (1.1) | 21 (0.7) | 63 (0.4) | 66 (0.5) | 243 (0.5) |
|  |  | Black | 488 (3.1) | 203 (8.2) | 146 (4.7) | 654 (4.4) | 461 (3.8) | 1952 (4.0) |
|  |  | East Asian | 99 (0.6) | 56 (2.3) | 25 (0.8) | 119 (0.8) | 91 (0.7) | 390 (0.8) |
|  |  | Latin American | 22 (0.1) | 12 (0.5) | 3 (0.1) | 18 (0.1) | 16 (0.1) | 71 (0.1) |
|  |  | Other | 793 (5.0) | 337 (13.7) | 285 (9.2) | 1033 (6.9) | 774 (6.3) | 3222 (6.6) |
|  |  | South Asian | 666 (4.2) | 224 (9.1) | 219 (7.1) | 781 (5.2) | 695 (5.7) | 2585 (5.3) |
|  |  | West Asian | 46 (0.3) | 18 (0.7) | 14 (0.5) | 57 (0.4) | 42 (0.3) | 177 (0.4) |
|  |  | White | 13710 (86.3) | 1587 (64.4) | 2388 (77.0) | 12275 (81.8) | 10117 (82.5) | 40077 (82.2) |
| chrincard | 54665 | NO | 9607 (54.6) | 2444 (84.3) | 2568 (74.3) | 11504 (68.1) | 9131 (66.1) | 35254 (64.5) |
|  |  | Unknown | 752 (4.3) | 132 (4.6) | 179 (5.2) | 653 (3.9) | 643 (4.7) | 2359 (4.3) |
|  |  | YES | 7231 (41.1) | 324 (11.2) | 709 (20.5) | 4748 (28.1) | 4040 (29.2) | 17052 (31.2) |
| renal\_mhyn | 54665 | NO | 12566 (71.4) | 2619 (90.3) | 2929 (84.7) | 13682 (80.9) | 10872 (78.7) | 42668 (78.1) |
|  |  | Unknown | 937 (5.3) | 146 (5.0) | 191 (5.5) | 735 (4.3) | 731 (5.3) | 2740 (5.0) |
|  |  | YES | 4087 (23.2) | 135 (4.7) | 337 (9.7) | 2492 (14.7) | 2206 (16.0) | 9257 (16.9) |
| malignantneo\_mhyn | 54665 | NO | 14145 (80.4) | 2664 (91.9) | 3040 (87.9) | 14622 (86.5) | 11750 (85.1) | 46221 (84.6) |
|  |  | Unknown | 1083 (6.2) | 148 (5.1) | 235 (6.8) | 848 (5.0) | 794 (5.7) | 3108 (5.7) |
|  |  | YES | 2364 (13.4) | 88 (3.0) | 183 (5.3) | 1433 (8.5) | 1268 (9.2) | 5336 (9.8) |
| modliv | 54651 | NO | 16054 (91.3) | 2707 (93.3) | 3184 (92.1) | 15787 (93.4) | 12717 (92.1) | 50449 (92.3) |
|  |  | Unknown | 1143 (6.5) | 159 (5.5) | 231 (6.7) | 871 (5.2) | 828 (6.0) | 3232 (5.9) |
|  |  | YES | 388 (2.2) | 34 (1.2) | 42 (1.2) | 248 (1.5) | 258 (1.9) | 970 (1.8) |
| obesity\_mhyn | 54622 | NO | 13066 (74.3) | 1965 (67.8) | 2339 (67.7) | 12703 (75.2) | 10633 (77.1) | 40706 (74.5) |
|  |  | Unknown | 2852 (16.2) | 274 (9.5) | 484 (14.0) | 2341 (13.9) | 2079 (15.1) | 8030 (14.7) |
|  |  | YES | 1656 (9.4) | 659 (22.7) | 634 (18.3) | 1849 (10.9) | 1088 (7.9) | 5886 (10.8) |
| chronicpul\_mhyn | 54670 | NO | 12773 (72.6) | 2587 (89.2) | 2702 (78.2) | 13307 (78.7) | 11170 (80.9) | 42539 (77.8) |
|  |  | Unknown | 865 (4.9) | 144 (5.0) | 197 (5.7) | 691 (4.1) | 657 (4.8) | 2554 (4.7) |
|  |  | YES | 3950 (22.5) | 169 (5.8) | 558 (16.1) | 2913 (17.2) | 1987 (14.4) | 9577 (17.5) |
| diabetes\_mhyn | 54633 | NO | 12875 (73.2) | 2205 (76.1) | 2606 (75.4) | 13140 (77.8) | 10741 (77.8) | 41567 (76.1) |
|  |  | Unknown | 1588 (9.0) | 187 (6.5) | 274 (7.9) | 1225 (7.3) | 1175 (8.5) | 4449 (8.1) |
|  |  | YES | 3121 (17.7) | 506 (17.5) | 578 (16.7) | 2527 (15.0) | 1885 (13.7) | 8617 (15.8) |

## Table 3 - Baseline characteristics and admission FBC parameters of all patients on day 1

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| label | Total N | levels | Death/IMV | Surived | Total | p |
| Total N (%) |  |  | 20547 (37.5) | 34274 (62.5) | 54821 |  |
| daily\_wbc\_lborres | 54821 | Median (IQR) | 8.2 (5.9) | 7.1 (4.7) | 7.5 (5.2) | <0.001 |
| daily\_neutro\_lborres | 54821 | Median (IQR) | 6.6 (5.4) | 5.3 (4.3) | 5.7 (4.8) | <0.001 |
| daily\_lymp\_lborres | 54821 | Median (IQR) | 0.8 (0.6) | 0.9 (0.7) | 0.9 (0.7) | <0.001 |
| daily\_plt\_lborres | 54303 | Median (IQR) | 211.0 (125.0) | 223.0 (120.0) | 219.0 (122.0) | <0.001 |
| daily\_crp\_lborres | 50694 | Median (IQR) | 117.0 (139.0) | 66.0 (104.5) | 83.0 (121.2) | <0.001 |