### Supplemental Digital Content 1. Median [IQR] of absolute CBC values and ratios stratified by age group

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| --- | --- | --- | --- | --- | --- |
|  | **Age in years** | | | | |
| **Patient group** | **< 2** | **2 to < 5** | **5 to < 10** | **> 10** |
| TB disease (patient count) | 4 | 5 | 6 | 10 |
| Neutrophils in x10^9/L (median [IQR]) | 4.86 [2.76, 6.98] | 5.74 [5.01, 6.12] | 3.56 [2.81, 4.74] | 4.72 [2.48, 5.68] |
| Monocytes in x10^9/L (median [IQR]) | 0.93 [0.82, 1.06] | 0.74 [0.71, 0.79] | 0.68 [0.49, 0.99] | 0.46 [0.34, 0.68] |
| Lymphocytes in x10^9/L (median [IQR]) | 4.97 [4.13, 6.46] | 3.72 [3.17, 3.83] | 2.54 [1.91, 2.93] | 1.89 [1.37, 2.06] |
| NLR (median [IQR]) | 1.05 [0.46, 1.71] | 1.50 [1.47, 1.65] | 2.15 [1.19, 2.21] | 2.36 [1.77, 3.01] |
| NMLR (median [IQR]) | 0.88 [0.38, 1.43] | 1.24 [1.21, 1.37] | 1.62 [0.98, 1.67] | 1.66 [1.35, 2.53] |
| MLR (median [IQR]) | 0.19 [0.16, 0.22] | 0.21 [0.20, 0.22] | 0.30 [0.23, 0.36] | 0.31 [0.21, 0.42] |
| TB infection (patient count) | 0 | 5 | 1 | 6 |
| Neutrophils in x10^9/L (median [IQR]) |  | 2.64 [2.26, 2.75] | 2.00 | 3.56 [2.92, 3.95] |
| Monocytes in x10^9/L (median [IQR]) |  | 0.54 [0.35, 0.59] | 0.40 | 0.64 [0.48, 0.69] |
| Lymphocytes in x10^9/L (median [IQR]) |  | 4.28 [3.05, 5.65] | 1.66 | 2.26 [1.86, 2.63] |
| NLR (median [IQR]) |  | 0.62 [0.59, 0.69] | 1.20 | 1.51 [1.40, 1.94] |
| NMLR (median [IQR]) |  | 0.55 [0.54, 0.56] | 0.97 | 1.21 [1.14, 1.41] |
| MLR (median [IQR]) |  | 0.14 [0.06, 0.18] | 0.24 | 0.25 [0.23, 0.27] |
| Healthy exposed (patient count) | 6 | 8 | 9 | 5 |
| Neutrophils in x10^9/L (median [IQR]) | 2.42 [1.94, 3.29] | 2.62 [2.18, 3.06] | 3.29 [3.12, 3.92] | 3.07 [2.55, 3.52] |
| Monocytes in x10^9/L (median [IQR]) | 0.63 [0.62, 0.84] | 0.54 [0.41, 0.56] | 0.42 [0.40, 0.51] | 0.45 [0.43, 0.46] |
| Lymphocytes in x10^9/L (median [IQR]) | 6.22 [5.35, 7.07] | 3.25 [3.06, 4.60] | 2.85 [2.16, 3.44] | 2.54 [2.32, 2.77] |
| NLR (median [IQR]) | 0.35 [0.30, 0.55] | 0.69 [0.60, 0.90] | 1.16 [0.82, 1.52] | 1.52 [0.92, 1.66] |
| NMLR (median [IQR]) | 0.31 [0.29, 0.49] | 0.60 [0.53, 0.78] | 0.93 [0.75, 1.30] | 1.19 [0.81, 1.28] |
| MLR (median [IQR]) | 0.10 [0.09, 0.17] | 0.14 [0.12, 0.15] | 0.17 [0.12, 0.21] | 0.19 [0.18, 0.22] |
| nTB-LRTI (patient count) | 128 | 103 | 72 | 21 |
| Neutrophils in x10^9/L (median [IQR]) | 0.76 [0.33, 1.55] | 0.76 [0.28, 1.73] | 1.48 [0.46, 3.79] | 0.65 [0.37, 1.41] |
| Monocytes in x10^9/L (median [IQR]) | 1.10 [0.78, 1.68] | 0.76 [0.43, 1.06] | 0.83 [0.54, 1.34] | 0.68 [0.52, 1.08] |
| Lymphocytes in x10^9/L (median [IQR]) | 4.27 [3.14, 5.61] | 2.17 [1.51, 2.90] | 1.59 [1.05, 2.26] | 1.31 [0.89, 1.69] |
| NLR (median [IQR]) | 0.16 [0.07, 0.39] | 0.38 [0.10, 1.12] | 0.85 [0.28, 2.36] | 0.68 [0.25, 1.53] |
| NMLR (median [IQR]) | 0.12 [0.06, 0.28] | 0.26 [0.08, 0.84] | 0.55 [0.20, 1.26] | 0.41 [0.18, 0.69] |
| MLR (median [IQR]) | 0.27 [0.19, 0.38] | 0.33 [0.20, 0.55] | 0.60 [0.35, 0.94] | 0.48 [0.33, 1.06] |

nTB-LRTI - non-TB lower respiratory tract infection