

Supplemental Tables

Table S1. Basic and research complete blood cell count parameters included in this study

Parameter (unit)	Definition
<u>Basic parameters</u>	
<u>Red blood cell (RBC) parameters</u>	
RBC ($10^6/\mu\text{L}$)	RBC (erythrocyte) count
HGB (g/dL)	Hemoglobin concentration
HCT (%)	Hematocrit
MCV (fL)	Mean corpuscular volume
MCH (pg)	Mean corpuscular hemoglobin
MCHC (pg)	Mean corpuscular hemoglobin concentration
RDW-SD (fL)	Red cell distribution width (standard deviation)
RDW-CV (%)	Red cell distribution width (coefficient of variation)
NRBC# ($10^3/\mu\text{L}$)	Nucleated red blood cell count
NRBC% (%)	Nucleated red blood cell percent
<u>Platelet (PLT) parameters</u>	
PLT (PLT-F) ($10^3/\mu\text{L}$)	Platelet count (measured by PLT-F channel)
PLT-I ($10^3/\mu\text{L}$)	Platelet count (measured by RBC/PLT channel)

MPV (fL)

Mean platelet volume

WBC parameters

WBC ($10^3/\mu\text{L}$)

White blood cell (leukocyte) count

NEUT# ($10^3/\mu\text{L}$)

Neutrophil count

NEUT% (%)

Neutrophil percent

LYMPH# ($10^3/\mu\text{L}$)

Lymphocyte count

LYMPH% (%)

Lymphocyte percent

MONO# ($10^3/\mu\text{L}$)

Monocyte count

MONO% (%)

Monocyte percent

EO# ($10^3/\mu\text{L}$)

Eosinophil count

EO% (%)

Eosinophil percent

BASO# ($10^3/\mu\text{L}$)

Basophil count

BASO% (%)

Basophil percent

IG% (%)

Immature granulocyte percent

IG# ($10^3/\mu\text{L}$)

Immature granulocyte count

Research parameters

RBC parameters

MicroR (%)

Micro RBC ratio

MacroR (%)

Macro RBC ratio

Platelet parameters

PDW (fL)

Platelet distribution width

PCT (%)

Plateletcrit

P-LCR (%)

Platelet large cell ratio

WBC parameters

WBC-N ($10^3/\mu\text{L}$)

WBC count calculated from the WNR channel

TNC-N ($10^3/\mu\text{L}$)

Total nuclear cell count (WBC#+NRBC#) calculated from the WNR channel

BA-N# ($10^3/\mu\text{L}$)

Basophil counts calculated from the WNR channel

BA-N% (%)

Basophil percent calculated from the WNR channel

WBC-D ($10^3/\mu\text{L}$)

WBC count calculated from the WDF channel

TNC-D ($10^3/\mu\text{L}$)

Total nuclear cell count (WBC#+NRBC#) calculated from the WDF channel

NEUT#& ($10^3/\mu\text{L}$)

Number of particles obtained by subtracting the IG count from the NEUT count

NEUT%& (%)

Ratio of the count obtained by subtracting IG# from NEUT# to the WBC count

LYMP#& ($10^3/\mu\text{L}$)

Number of particles obtained by subtracting the HFLC count from the LYMPH count

LYMP%& (%)

Ratio of the count obtained by subtracting HFLC# from LYMPH# to the WBC count

HFLC# ($10^3/\mu\text{L}$)

Count of the upper LYMPH area of the WDF scattergram

HFLC% (%)

Ratio of the count of the upper LYMPH area of the WDF scattergram to the WBC count

BA-D# (10 ³ /μL)	Basophil counts calculated from the WDF channel
BA-D% (%)	Basophil percentage calculated from the WDF channel
NE-SSC (ch)	Lateral scattered light distribution width of the NEUT area on the WDF scattergram
NE-SFL (ch)	Fluorescent light distribution width of the NEUT area on the WDF scattergram
NE-FSC (ch)	Forward-scattered light intensity of the NEUT area on the WDF scattergram
LY-X (ch)	Lateral scattered light intensity of the LYMPH area on the WDF scattergram
LY-Y (ch)	Fluorescent light intensity of the LYMPH area on the WDF scattergram
LY-Z (ch)	Forward-scattered light intensity of the LYMPH area on the WDF scattergram
MO-X (ch)	Lateral scattered light intensity of the MONO area on the WDF scattergram
MO-Y (ch)	Fluorescent light intensity of the MONO area on the WDF scattergram
MO-Z (ch)	Forward-scattered light intensity of the MONO area on the WDF scattergram
NE-WX	Lateral scattered light distribution width of the NEUT area on the WDF scattergram
NE-WY	Fluorescent light distribution width of the NEUT area on the WDF scattergram
NE-WZ	Forward-scattered light distribution width of the NEUT area on the WDF scattergram
LY-WX	Lateral scattered light distribution width of the LYMPH area on the WDF scattergram
LY-WY	Fluorescent light distribution width of the LYMPH area on the WDF scattergram
LY-WZ	Forward-scattered light distribution width of the LYMPH area on the WDF scattergram
MO-WX	Lateral scattered light distribution width of the MONO area on the WDF scattergram

MO-WY

Fluorescent light distribution width of the MONO area on the WDF scattergram

MO-WZ

Forward-scattered light distribution width of the MONO area on the WDF scattergram

TNC-P ($10^3/\mu\text{L}$)

Total nuclear cell count (WBC#+NRBC#) calculated from the WPC channel

WDF, white blood cell differential; WNR, white blood cell nucleated; WPC, white progenitor cell.

Table S2. Reference intervals of 26 basic complete blood cell count parameters in the different age and gender groups

Parameter (unit)	Gender	Age (y)	n	Median	Interquartile range	Reference interval	Lower 90% CI	Higher 90% CI
RBC ($10^6/\mu\text{L}$) ^{a, b, c, d}	M	< 60	3,456	4.96	4.67 - 5.2	3.88 - 5.91	3.86 - 3.91	5.89 - 5.94
	M	≥ 60	1,325	4.38	3.82 - 4.8	2.88 - 5.67	2.83 - 2.94	5.62 - 5.73
	F	< 60	2,739	4.3	4.06 - 4.54	3.5 - 5.07	3.48 - 3.52	5.05 - 5.09
	F	≥ 60	829	4.13	3.76 - 4.46	2.93 - 5.17	2.88 - 2.99	5.11 - 5.23
HGB (g/dL) ^{a, b, c, d}	M	< 60	3,456	15.3	14.6 - 16	12.03 - 18.17	11.95 - 12.11	18.09 - 18.24
	M	≥ 60	1,325	13.8	12 - 15.1	9.04 - 17.74	8.86 - 9.21	17.57 - 17.92
	F	< 60	2,739	13	12.2 - 13.7	10.15 - 15.47	10.08 - 10.23	15.4 - 15.55
	F	≥ 60	830	12.85	11.6 - 13.7	9.21 - 15.77	9.04 - 9.37	15.61 - 15.94
HCT (%) ^{a, b, c, d}	M	< 60	3,456	44.9	42.9 - 46.8	35.81 - 52.87	35.59 - 36.02	52.66 - 53.09
	M	≥ 60	1,325	40.6	35.4 - 44.3	27.11 - 51.9	26.62 - 27.61	51.41 - 52.4
	F	< 60	2,739	39	36.7 - 40.9	31.46 - 45.55	31.26 - 31.66	45.35 - 5.74

	F	≥ 60	829	38.4	34.7 - 40.7	27.89 - 46.8	27.41 - 28.37	46.32 - 47.28
MCV (fL) ^{a, b, c, d}	M	< 60	3,456	90.6	88.2 - 93.2	83.23 - 98.23	83.04 - 83.41	98.04 - 98.41
	M	≥ 60	1,325	92.7	89.9 - 95.5	82.97 - 102.27	82.58 - 83.35	101.89 - 102.66
	F	< 60	2,739	90.5	87.8 - 93	80.3 - 99.71	80.03 - 80.57	99.44 - 99.98
	F	≥ 60	829	92.3	89.7 - 94.9	83.99 - 100.83	83.57 - 84.42	100.41 - 101.26
MCH (pg) ^{a, b, c, d}	M	< 60	3,456	30.9	30 - 31.8	27.92 - 33.85	27.85 - 28	33.77 - 33.92
	M	≥ 60	1,325	31.4	30.5 - 32.5	27.44 - 35.32	27.28 - 27.59	35.16 - 35.48
	F	< 60	2,739	30.2	29.2 - 31.2	25.72 - 34.17	25.6 - 25.84	34.05 - 34.28
	F	≥ 60	829	30.9	30 - 31.8	27.92 - 33.85	27.85 - 28	33.77 - 33.92
MCHC (g/dL) ^{a, b, c, d}	M	< 60	3,456	34	33.5 - 34.6	32.21 - 35.87	32.17 - 32.26	35.82 - 35.92
	M	≥ 60	1,325	33.9	33.3 - 34.5	31.78 - 35.96	31.7 - 31.86	35.88 - 36.05
	F	< 60	2,739	33.3	32.7 - 33.9	31.14 - 35.34	31.08 - 31.2	35.28 - 35.4
	F	≥ 60	829	30.9	30 - 31.9	27.74 - 34.05	27.58 - 27.9	33.89 - 34.21

RDW-SD (fL) ^{a, b, c, d}	M	< 60	3,456	41	39.3 - 42.8	35.04 - 47.6	34.88 - 35.19	47.45 - 47.76
	M	≥ 60	1,325	43.3	41.2 - 46	35.03 - 53.57	34.66 - 35.4	53.2 - 53.94
	F	< 60	2,739	41.7	39.9 - 43.8	34.14 - 50.61	33.92 - 34.37	50.39 - 50.84
	F	≥ 60	829	42.5	40.8 - 45	34.96 - 51.76	34.54 - 35.39	51.34 - 52.19
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RDW-CV (%) ^{a, b, c, d, e}	M	< 60	3,456	12.3	11.9 - 12.7	10.64 - 14.28	10.59 - 10.68	14.23 - 14.32
	M	≥ 60	1,325	12.7	12.3 - 13.4	10.22 - 15.98	10.11 - 10.34	15.86 - 16.09
	F	< 60	2,739	12.5	12 - 13.2	9.77 - 16.1	9.68 - 9.86	16.02 - 16.19
	F	≥ 60	829	12.6	12.1 - 13.3	10.72 - 14.98	10.61 - 10.83	14.87 - 15.08
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NRBC# (10 ³ /μL) ^e	M	< 60	3,455	0	0 - 0	-0.01 - 0.01	-0.01 to -0.01	0.01 - 0.01
	M	≥ 60	1,325	0	0 - 0	0 - 0.01	-0.01 - 0	0.01 - 0.01
	F	< 60	2,739	0	0 - 0	-0.02 - 0.02	-0.02 to -0.01	0.02 - 0.02
	F	≥ 60	830	0	0 - 0	-0.23 - 0.25	-0.24 to -0.22	0.24 - 0.26
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NRBC% (%)	M	< 60	3,455	0	0 - 0	-0.14 - 0.16	-0.14 to -0.14	0.16 - 0.17

	M	≥ 60	1,325	0	0 - 0	-0.09 - 0.11	-0.1 to -0.09	0.11 - 0.12
	F	< 60	2,739	0	0 - 0	-0.22 - 0.25	-0.22 to -0.21	0.24 - 0.25
	F	≥ 60	830	0	0 - 0	-5.45 - 5.88	-5.73 to -5.16	5.6 - 6.17
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PLT (10 ³ /μL) ^{a, b, c, d}	M	< 60	3,454	244	210 - 280	125.32 - 367.38	122.33 - 128.32	364.38 - 370.37
	M	≥ 60	1,324	209	167 - 259	49.6 - 391.99	42.76 - 56.44	385.14 - 398.83
	F	< 60	2,739	255	215 - 299	124.5 - 392.36	120.77 - 128.22	388.64 - 396.08
	F	≥ 60	829	218	178 - 265	64.69 - 384.73	56.61 - 72.78	376.65 - 392.82
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PLT-I (10 ³ /μL) ^{a, b, c, d}	M	< 60	3,454	244	210 - 280	125.48 - 366.98	122.5 - 128.47	363.99 - 369.97
	M	≥ 60	1,324	208	166 - 257	55.6 - 381.92	49.08 - 62.12	375.39 - 388.44
	F	< 60	2,739	254	215 - 297	124.52 - 391.08	120.82 - 128.23	387.38 - 394.79
	F	≥ 60	829	217	177 - 263	67.88 - 379.24	60.02 - 75.75	371.37 - 387.1
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MPV (fL) ^c	M	< 60	3,454	10	9.5 - 10.6	8.47 - 11.74	8.43 - 8.51	11.7 - 11.78
	M	≥ 60	1,324	10.05	9.5 - 10.7	8.4 - 11.81	8.34 - 8.47	11.74 - 11.88

	F	< 60	2,739	10.1	9.6 - 10.7	8.55 - 11.74	8.51 - 8.6	11.7 - 11.78
	F	≥ 60	828	10.1	9.5 - 10.7	8.25 - 12.03	8.16 - 8.35	11.93 - 12.12
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WBC ($10^3/\mu\text{L}$) ^{a, b, c, d, e}	M	< 60	3,455	5.83	4.92 - 6.94	2.45 - 9.84	2.36 - 2.54	9.75 - 9.93
	M	≥ 60	1,325	6.25	5.17 - 8.03	1.14 - 12.84	0.9 - 1.37	12.6 - 13.07
	F	< 60	2,739	5.39	4.45 - 6.58	0.94 - 10.74	0.8 - 1.07	10.6 - 10.87
	F	≥ 60	830	5.75	4.62 - 7.04	1.7 - 10.63	1.47 - 1.92	10.4 - 10.86
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NEUT# ($10^3/\mu\text{L}$) ^{a, b, c, d, e}	M	< 60	3,445	3.14	2.49 - 3.99	0.3 - 6.67	0.22 - 0.37	6.59 - 6.75
	M	≥ 60	1,313	3.6	2.81 - 4.99	-1.06 - 9.82	-1.28 to -0.85	9.61 - 10.04
	F	< 60	2,721	2.96	2.3 - 3.96	-1.04 - 7.98	-1.16 to -0.91	7.85 - 8.1
	F	≥ 60	820	3.12	2.37 - 4.25	-0.46 - 7.78	-0.67 to -0.25	7.57 - 7.99
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NEUT% (%) ^{a, c, d}	M	< 60	3,445	54.6	49.1 - 60.5	36.11 - 74.51	35.64 - 36.59	74.03 - 74.98
	M	≥ 60	1,313	59	51.5 - 68	35.65 - 84.21	34.68 - 36.63	83.23 - 85.18
	F	< 60	2,721	56	49.8 - 63	35.31 - 78.53	34.7 - 35.91	77.93 - 79.13

	F	≥ 60	820	55.6	48.4 - 64.3	33.04 - 80.59	31.83 - 34.25	79.38 - 81.8
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LYMPH# (10 ³ /μL) ^{a, b, c, d}	M	< 60	3,445	1.91	1.58 - 2.31	0.78 - 3.16	0.75 - 0.81	3.13 - 3.19
	M	≥ 60	1,313	1.75	1.32 - 2.23	0.33 - 3.29	0.28 - 0.39	3.23 - 3.35
	F	< 60	2,721	1.75	1.41 - 2.12	0.58 - 3.03	0.55 - 0.61	3 - 3.07
	F	≥ 60	820	1.86	1.42 - 2.26	0.56 - 3.19	0.49 - 0.63	3.12 - 3.26
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LYMPH% (%) ^{a, d}	M	< 60	3,445	33.7	28.5 - 39	16.13 - 50.56	15.7 - 16.56	50.14 - 50.99
	M	≥ 60	1,313	28.7	20.1 - 36.1	6.35 - 49.84	5.48 - 7.22	48.96 - 50.71
	F	< 60	2,721	33.7	27.3 - 39.4	13.65 - 52.43	13.11 - 14.19	51.89 - 52.97
	F	≥ 60	820	33.8	25.4 - 40.5	10.61 - 54.61	9.49 - 11.72	53.49 - 55.73
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MONO# (10 ³ /μL) ^{a, b, c, d, e}	M	< 60	3,445	0.43	0.35 - 0.54	0.13 - 0.79	0.12 - 0.14	0.78 - 0.8
	M	≥ 60	1,313	0.53	0.41 - 0.68	0.07 - 1.07	0.05 - 0.09	1.05 - 1.09
	F	< 60	2,721	0.36	0.29 - 0.46	0.08 - 0.7	0.07 - 0.09	0.69 - 0.71
	F	≥ 60	820	0.425	0.33 - 0.55	0.1 - 0.82	0.08 - 0.12	0.8 - 0.84
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MONO% (%) ^{a, b, c, d}	M	< 60	3,445	7.4	6.4 - 8.6	3.75 - 11.47	3.66 - 3.85	11.38 - 11.57
	M	≥ 60	1,313	8.1	6.8 - 9.7	3.43 - 13.48	3.22 - 3.63	13.27 - 13.68
	F	< 60	2,721	6.8	5.7 - 7.9	2.7 - 11.36	2.58 - 2.82	11.24 - 11.48
	F	≥ 60	820	7.4	6.2 - 8.8	3.12 - 12.31	2.88 - 3.35	12.08 - 12.54
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EO# (10 ³ /μL) ^{c, d}	M	< 60	3,445	0.15	0.09 - 0.24	-0.09 - 0.45	-0.09 to -0.08	0.44 - 0.46
	M	≥ 60	1,313	0.14	0.08 - 0.24	-0.11 - 0.48	-0.13 to -0.1	0.47 - 0.49
	F	< 60	2,721	0.1	0.06 - 0.16	-0.14 - 0.4	-0.15 to -0.13	0.39 - 0.41
	F	≥ 60	820	0.1	0.05 - 0.17	-0.09 - 0.35	-0.1 to -0.08	0.34 - 0.36
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BASO% (%) ^{a, c, d}	M	< 60	3,445	2.5	1.5 - 4	-1.21 - 7.28	-1.32 to -1.11	7.17 - 7.38
	M	≥ 60	1,313	2.3	1.2 - 3.8	-1.86 - 7.66	-2.05 to -1.67	7.47 - 7.85
	F	< 60	2,721	1.8	1.1 - 3.1	-1.67 - 6.42	-1.78 to -1.55	6.3 - 6.53
	F	≥ 60	820	1.8	1 - 3	-1.44 - 5.96	-1.63 to -1.25	5.77 - 6.15
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BASO# (10 ³ /μL) ^{c, d}	M	< 60	3,445	0.04	0.03 - 0.05	0 - 0.08	0 - 0	0.08 - 0.09

	M	≥ 60	1,313	0.04	0.02 - 0.05	0 - 0.09	-0.01 - 0	0.08 - 0.09
	F	< 60	2,721	0.03	0.02 - 0.05	0 - 0.08	-0.01 - 0	0.07 - 0.08
	F	≥ 60	820	0.03	0.02 - 0.05	0 - 0.07	0 - 0	0.07 - 0.07
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BASO% (%) ^{a, b, c}	M	< 60	3,445	0.6	0.4 - 0.9	0 - 1.4	-0.02 - 0.02	1.39 - 1.42
	M	≥ 60	1,313	0.6	0.4 - 0.8	-0.04 - 1.3	-0.07 to -0.02	1.27 - 1.32
	F	< 60	2,721	0.6	0.4 - 0.8	-0.07 - 1.34	-0.09 to -0.05	1.32 - 1.36
	F	≥ 60	820	0.5	0.4 - 0.8	-0.05-1.26	-0.09 to -0.02	1.23 - 1.3
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IG# (10 ³ /μL) ^{a, b, c, d, e}	M	< 60	3,445	0.02	0.01 - 0.02	-0.04 - 0.09	-0.05 to -0.04	0.09 - 0.09
	M	≥ 60	1,313	0.02	0.01 - 0.03	-0.11- 0.18	-0.11 to -0.1	0.18 - 0.19
	F	< 60	2,721	0.01	0.01 - 0.02	-0.39 - 0.45	-0.4 to -0.38	0.43 - 0.46
	F	≥ 60	820	0.02	0.01 - 0.03	-0.15 - 0.22	-0.16 to -0.14	0.21 - 0.22
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IG% (%) ^{a, b, c, d, e}	M	< 60	3,445	0.3	0.2 - 0.4	-0.43 - 1.1	-0.45 to -0.41	1.08 - 1.12
	M	≥ 60	1,313	0.3	0.2 - 0.5	-0.91 - 1.85	-0.97 to -0.86	1.79 - 1.9

F	< 60	2,721	0.2	0.2 - 0.3	-1.76 - 2.48	-1.82 to -1.7	2.42 - 2.53
F	≥ 60	820	0.3	0.2 - 0.4	-2.91 - 3.91	-3.08 to -2.73	3.74 - 4.08

M1: male participants < 60 years old, M2: male participants ≥ 60 years old, F1: female participants < 60 years old, F2: female participants ≥ 60 years old.

^a Statistically significant difference between the M1 and M2 groups ($p < 0.05$), ^b Statistically significant difference between the F1 and F2 groups ($p < 0.05$),

^c Statistically significant difference between the M1 and F1 groups ($p < 0.05$), ^d Statistically significant difference between the M2 and F2 groups ($p < 0.05$),

^e Separate reference intervals needed for the M1 and M2 groups, ^f Separate reference intervals needed for the F1 and F2 groups, ^g Separate reference intervals needed for the M1 and F2 groups

CI, confidence interval; RBC, red blood cells; HGB, hemoglobin; HCT, hematocrit; MCV, mean corpuscular volume; MCH, mean corpuscular hemoglobin; MCHC, mean corpuscular hemoglobin concentration; RDW-SD, red cell distribution width (standard deviation); RDW-CV, red cell distribution width (coefficient of variation); NRBC#, nucleated red blood cell count; NRBC%, nucleated red blood cell percent; PLT, platelet; PLT-I, platelet count (measured by RBC/PLT channel); MPV, mean platelet volume; WBC, white blood cells; NEUT#, neutrophil count; NEUT%, neutrophil percent; LYMPH#, lymphocyte count; LYMPH%, lymphocyte percent; MONO#, monocyte count; MONO%, monocyte percent; EO#, eosinophil count; EO%, eosinophil percent; BASO#, basophil count; BASO%, basophil percent; IG#, immature granulocyte count; IG%, immature granulocyte percent.

Table S3. Reference intervals of 38 research complete blood cell count parameters in the different age and gender groups

Parameter (unit)	Gender	Age	n	Median	Interquartile range	Reference interval	Lower 90% CI	Higher 90% CI
MicroR (%) ^{a, b, c, e, f}	M	< 60	3,456	0.9	0.6 - 1.3	-2.25 - 4.61	-2.34 to -2.17	4.52 - 4.69
	M	≥ 60	1,325	0.8	0.6 - 1.3	-4.66 - 7.55	-4.9 to -4.41	7.31 - 7.8
	F	< 60	2,739	0.9	0.6 - 1.6	-5.61 - 9.72	-5.82 to -5.4	9.51 - 9.93
	F	≥ 60	829	0.8	0.6 - 1.3	-0.66 - 2.87	-0.75 to -0.57	2.78 - 2.96
MacroR (%) ^{a, b, c, d, e}	M	< 60	3,456	3.9	3.7 - 4.1	2.73 - 5.16	2.7 - 2.76	5.13 - 5.19
	M	≥ 60	1,325	3.8	3.5 - 4.2	1.45 - 6.74	1.34 - 1.56	6.63 - 6.85
	F	< 60	2,739	3.5	3.3 - 3.7	2.22 - 4.9	2.19 - 2.26	4.87 - 4.94
	F	≥ 60	829	3.5	3.3 - 3.8	0.9 - 6.82	0.75 - 1.05	6.67 - 6.97
PDW (fL) ^{a, c}	M	< 60	3,454	11.3	10.3 - 12.5	8.08 - 15.09	8 - 8.17	15 - 15.17
	M	≥ 60	1,324	11.1	10 - 12.4	7.64 - 15.03	7.5 - 7.79	14.88 - 15.18
	F	< 60	2,739	11.2	10.2 - 12.3	8 - 14.7	7.91 - 8.09	14.61 - 14.79

	F	≥ 60	828	11.1	9.9 - 12.3	7.34 - 15.31	7.14 - 7.54	15.11 - 15.52
PCT (%) ^{a, b, c, d}	M	< 60	3,454	0.24	0.21 - 0.28	0.13 - 0.36	0.13 - 0.14	0.36 - 0.36
	M	≥ 60	1,324	0.21	0.17 - 0.25	0.07 - 0.37	0.06 - 0.07	0.36 - 0.37
	F	< 60	2,739	0.26	0.22 - 0.3	0.13 - 0.39	0.13 - 0.14	0.38 - 0.39
	F	≥ 60	828	0.22	0.18 - 0.26	0.08 - 0.36	0.07 - 0.09	0.36 - 0.37
P-LCR (%)	M	< 60	3,454	25.1	20.8 - 29.9	12.39 - 39.05	12.06 - 12.72	38.72 - 39.38
	M	≥ 60	1,324	25.1	20.7 - 29.9	11.77 - 39.39	11.21 - 12.32	38.84 - 39.94
	F	< 60	2,739	25.3	21 - 30	12.64 - 38.88	12.28 - 13.01	38.51 - 39.24
	F	≥ 60	828	25.2	20.1 - 30.1	10.23 - 41.21	9.45 - 11.01	40.42 - 41.99
WBC-N (10 ³ /μL) ^{a, b, c, d, e}	M	< 60	3,455	5.83	4.92 - 6.94	2.45 - 9.84	2.36 - 2.54	9.75 - 9.93
	M	≥ 60	1,325	6.25	5.17 - 8.03	1.14 - 12.84	0.9 - 1.37	12.6 - 13.07
	F	< 60	2,739	5.39	4.45 - 6.58	0.94 - 10.74	0.8 - 1.07	10.6 - 10.87
	F	≥ 60	830	5.75	4.62 - 7.04	1.7 - 10.63	1.47 - 1.92	10.4 - 10.86

TNC-N ($10^3/\mu\text{L}$) ^{a, b, c, d, e}	M	< 60	3,455	5.83	4.92 - 6.94	2.45 - 9.84	2.35 - 2.54	9.75 - 9.93
	M	\geq 60	1,325	6.25	5.17 - 8.03	1.14 - 12.84	0.9 - 1.37	12.61 - 13.07
	F	< 60	2,739	5.39	4.45 - 6.58	0.94 - 10.74	0.8 - 1.07	10.6 - 10.87
	F	\geq 60	830	5.765	4.63 - 7.05	1.71 - 10.64	1.49 - 1.94	10.41 - 10.86
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BA-N# ($10^3/\mu\text{L}$) ^{c, d}	M	< 60	3,455	0.04	0.03 - 0.05	0 - 0.08	0 - 0	0.08 - 0.09
	M	\geq 60	1,325	0.04	0.02 - 0.05	0 - 0.09	-0.01 - 0	0.08 - 0.09
	F	< 60	2,739	0.03	0.02 - 0.05	-0.02 - 0.09	-0.02 to -0.02	0.09 - 0.09
	F	\geq 60	830	0.03	0.02 - 0.05	0 - 0.07	0 - 0	0.07 - 0.07
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BA-N% (%) ^{a, b, c}	M	< 60	3,455	0.6	0.4 - 0.9	0 - 1.4	-0.02 - 0.02	1.38 - 1.42
	M	\geq 60	1,325	0.6	0.4 - 0.8	-0.04 - 1.3	-0.07 to -0.02	1.27 - 1.32
	F	< 60	2,739	0.6	0.4 - 0.9	-0.08 - 1.36	-0.1 to -0.06	1.34 - 1.38
	F	\geq 60	830	0.5	0.4 - 0.8	-0.05 - 1.26	-0.09 to -0.02	1.23 - 1.3
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WBC-D ($10^3/\mu\text{L}$) ^{a, b, c, d, e}	M	< 60	3,446	5.79	4.88 - 6.91	2.44 - 9.76	2.35 - 2.53	9.67 - 9.85

	M	≥ 60	1,313	6.21	5.15 - 7.93	1.13 - 12.76	0.89 - 1.36	12.53 - 12.99
	F	< 60	2,721	5.37	4.44 - 6.55	0.91 - 10.69	0.78 - 1.05	10.55 - 10.83
	F	≥ 60	820	5.68	4.58 - 6.96	1.68 - 10.57	1.45 - 1.9	10.34 - 10.79
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TNC-D (10 ³ /μL) ^{a, b, c, d, e}	M	< 60	3,446	5.79	4.88 - 6.91	2.44 - 9.76	2.35 - 2.53	9.67 - 9.86
	M	≥ 60	1,313	6.21	5.15 - 7.93	1.13 - 12.76	0.89 - 1.36	12.53 - 12.99
	F	< 60	2,721	5.37	4.44 - 6.55	0.91 - 10.69	0.78 - 1.05	10.56 - 10.83
	F	≥ 60	820	5.68	4.59 - 6.98	1.69 - 10.57	1.46 - 1.91	10.35 - 10.8
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NEUT#& (10 ³ /μL) ^{a, b, c, d, e}	M	< 60	3,445	3.12	2.47 - 3.96	0.31 - 6.62	0.23 - 0.38	6.54 - 6.69
	M	≥ 60	1,313	3.57	2.8 - 4.96	-1.02 - 9.7	-1.23 to -0.8	9.49 - 9.92
	F	< 60	2,721	2.95	2.29 - 3.94	-0.93 - 7.82	-1.06 to -0.81	7.69 - 7.94
	F	≥ 60	820	3.095	2.35 - 4.23	-0.46 - 7.72	-0.67 to -0.25	7.51 - 7.92
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NEUT%& (%) ^{a, c, d}	M	< 60	3,445	54.4	48.9 - 60.1	36.01 - 73.94	35.54 - 36.48	73.47 - 74.41
	M	≥ 60	1,313	58.5	51.2 - 67.4	35.49 - 83.44	34.52 - 36.45	82.48 - 84.4

	F	< 60	2,721	55.7	49.6 - 62.5	35.22 - 77.9	34.62 - 35.81	77.31 - 78.5
	F	≥ 60	820	55.15	47.9 - 63.8	32.77 - 79.86	31.57 - 33.96	78.66 - 81.05
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LYMP#& (10 ³ /μL) ^{a, b, c, d}	M	< 60	3,445	1.91	1.57 - 2.3	0.78 - 3.15	0.75 - 0.81	3.12 - 3.18
	M	≥ 60	1,313	1.74	1.31 - 2.23	0.33 - 3.28	0.27 - 0.39	3.22 - 3.34
	F	< 60	2,721	1.73	1.41 - 2.11	0.57 - 3.02	0.54 - 0.61	2.99 - 3.05
	F	≥ 60	820	1.85	1.41 - 2.26	0.55 - 3.18	0.49 - 0.62	3.11 - 3.25
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LYMP%& (%) ^{a, d}	M	< 60	3,445	33.6	28.4 - 38.9	16.03 - 50.4	15.6 - 16.46	49.98 - 50.83
	M	≥ 60	1,313	28.6	19.9 - 35.9	6.19 - 49.7	5.32 - 7.07	48.83 - 50.57
	F	< 60	2,721	33.6	27.2 - 39.2	13.53 - 52.2	12.99 - 14.07	51.66 - 52.74
	F	≥ 60	820	33.7	25.3 - 40.4	10.48 - 54.44	9.36 - 11.59	53.32 - 55.56
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HFLC# (10 ³ /μL) ^{a, c, e}	M	< 60	3,445	0.01	0 - 0.01	-0.02 - 0.03	-0.02 to -0.02	0.03 - 0.03
	M	≥ 60	1,313	0.01	0 - 0.01	-0.04 - 0.06	-0.04 to -0.03	0.05 - 0.06
	F	< 60	2,721	0.01	0 - 0.01	-0.03 - 0.05	-0.03 to -0.03	0.04 - 0.05

	F	≥ 60	820	0.01	0 - 0.01	-0.02 - 0.04	-0.02 to -0.02	0.03 - 0.04
HFLC% (%) ^{b, c, e}	M	< 60	3,445	0.1	0 - 0.2	-0.27 - 0.53	-0.28 to -0.26	0.52 - 0.54
	M	≥ 60	1,313	0.1	0 - 0.2	-0.48 - 0.77	-0.51 to -0.45	0.75 - 0.8
	F	< 60	2,721	0.1	0 - 0.2	-0.63 - 0.98	-0.65 to -0.61	0.95 - 1
	F	≥ 60	820	0.1	0 - 0.2	-0.35 - 0.65	-0.37 to -0.32	0.62 - 0.67
BA-D# (10 ³ /μL) ^{b, c, d}	M	< 60	3,445	0.03	0.02 - 0.04	0 - 0.07	0 - 0	0.07 - 0.07
	M	≥ 60	1,313	0.03	0.02 - 0.04	0 - 0.07	0 - 0	0.07 - 0.07
	F	< 60	2,721	0.03	0.02 - 0.04	0 - 0.06	0 - 0	0.06 - 0.06
	F	≥ 60	820	0.03	0.02 - 0.04	0 - 0.06	0 - 0	0.06 - 0.06
BA-D% (%) ^{a, b, c, d}	M	< 60	3,445	0.5	0.4 - 0.7	-0.01 - 1.16	-0.03 - 0	1.14 - 1.17
	M	≥ 60	1,313	0.5	0.3 - 0.7	-0.06 - 1.09	-0.09 to -0.04	1.07 - 1.12
	F	< 60	2,721	0.5	0.3 - 0.7	-0.07 - 1.16	-0.09 to -0.05	1.14 - 1.18
	F	≥ 60	820	0.4	0.3 - 0.6	-0.05 - 1.03	-0.08 to -0.02	1 - 1.06

NE-SSC (ch) ^{b, c}	M	< 60	3,445	154.4	151.6 - 157.2	146.26 - 162.43	146.06 - 146.46	162.23 - 162.63
	M	≥ 60	1,313	154.4	151.4 - 157.5	145.8 - 163.01	145.45 - 146.14	162.66 - 163.35
	F	< 60	2,721	153.7	151.1 - 156.6	145.66 - 161.83	145.44 - 145.89	161.6 - 162.05
	F	≥ 60	820	154.4	151.8 - 157	146.72 - 161.97	146.33 - 147.11	161.58 - 162.35
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NE-SFL (ch) ^{a, b, c, d}	M	< 60	3,445	48.5	46.1 - 50.8	41.46 - 55.24	41.29 - 41.63	55.07 - 55.41
	M	≥ 60	1,313	49.4	46.8 - 51.7	42.01 - 56.54	41.72 - 42.31	56.24 - 56.83
	F	< 60	2,721	48.8	46 - 51.2	41.13 - 56.35	40.91 - 41.34	56.14 - 56.57
	F	≥ 60	820	49.9	47.4 - 52.1	39.43 - 60.56	38.9 - 39.97	60.03 - 61.1
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NE-FSC (ch)	M	< 60	3,445	92.9	89.6 - 95.9	83.78 - 101.56	83.56 - 84	101.34 - 101.78
	M	≥ 60	1,313	92.8	89.5 - 95.9	83.09 - 102.02	82.71 - 83.47	101.64 - 102.4
	F	< 60	2,721	92.9	89.3 - 95.8	83.22 - 101.89	82.96 - 83.48	101.62 - 102.15
	F	≥ 60	820	93.1	89.9 - 95.9	83.86 - 101.81	83.41 - 84.32	101.36 - 102.27
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LY-X (ch) ^{a, b, c, d}	M	< 60	3,446	78.4	76.7 - 80.2	73.5 - 83.07	73.38 - 73.62	82.95 - 83.19

	M	≥ 60	1,313	80.4	78.6 - 81.5	75.73 - 84.23	75.56 - 75.9	84.06 - 84.4
	F	< 60	2,721	78.2	76.5 - 80	72.98 - 83.19	72.83 - 73.12	83.04 - 83.33
	F	≥ 60	820	79.4	77.8 - 81	74.79 - 83.59	74.57 - 75.01	83.36 - 83.81
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LY-Y (ch) ^{b, c}	M	< 60	3,446	70	66.6 - 72.4	60.64 - 78.33	60.42 - 60.86	78.11 - 78.55
	M	≥ 60	1,313	70	66.8 - 72.8	60.74 - 78.83	60.37 - 61.1	78.46 - 79.19
	F	< 60	2,721	71	67.2 - 73.7	60.68 - 80.4	60.4 - 60.95	80.13 - 80.68
	F	≥ 60	820	70.2	67.1 - 72.8	60.72 - 78.63	60.27 - 61.18	78.18 - 79.09
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LY-Z (ch) ^{a, b, c, d}	M	< 60	3,446	60.7	59.5 - 61.6	57.57 - 63.48	57.5 - 57.65	63.41 - 63.56
	M	≥ 60	1,313	60.8	59.7 - 61.9	57.67 - 63.92	57.54 - 57.79	63.8 - 64.05
	F	< 60	2,721	61.3	60.1 - 62.3	57.84 - 64.47	57.75 - 57.94	64.38 - 64.56
	F	≥ 60	820	61.1	59.9 - 62	57.68 - 64.08	57.52 - 57.84	63.92 - 64.24
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MO-X (ch) ^{a, b, c}	M	< 60	3,446	118	115.9 - 119.6	112.73 - 122.97	112.61 - 112.86	122.85 - 123.1
	M	≥ 60	1,313	119.5	117.7 - 121	114.31 - 124.56	114.1 - 114.51	124.35 - 124.77

	F	< 60	2,721	118.8	116.7 - 120.5	113.39 - 123.94	113.25 - 113.54	123.79 - 124.09
	F	≥ 60	820	119.6	117.6 - 121.3	113.78 - 125.4	113.48 - 114.07	125.1 - 125.69
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MO-Y (ch) ^{a, b, c}	M	< 60	3,446	114.5	108.1 - 119.1	97.39 - 129.78	96.99 - 97.79	129.38 - 130.18
	M	≥ 60	1,313	116.7	111 - 121.9	99.31 - 133.18	98.63 - 99.99	132.5 - 133.86
	F	< 60	2,721	115.7	108.5 - 121.2	96.04 - 133.78	95.52 - 96.57	133.25 - 134.3
	F	≥ 60	820	116.5	110.6 - 122.3	98.15 - 134.22	97.24 - 99.07	133.3 - 135.13
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MO-Z (ch) ^{a, b, c, d}	M	< 60	3,446	67.9	66.6 - 69.7	63.18 - 73.58	63.05 - 63.31	73.45 - 73.71
	M	≥ 60	1,313	68.4	67 - 70.2	62.86 - 74.83	62.62 - 63.1	74.59 - 75.07
	F	< 60	2,721	69.2	67.8 - 71	63.75 - 75.44	63.58 - 63.91	75.28 - 75.6
	F	≥ 60	820	68.7	67.3 - 70.7	63.13 - 75.16	62.83 - 63.44	74.85 - 75.47
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NE-WX ^{a, c, d}	M	< 60	3,446	295	286 - 305	266.66 - 325.13	265.94 - 267.39	324.41 - 325.86
	M	≥ 60	1,313	298	288 - 308	260.83 - 338.57	259.26 - 262.39	337.01 - 340.13
	F	< 60	2,721	296	287 - 306	262.35 - 332.6	261.37 - 263.33	331.62 - 333.58

	F	≥ 60	820	296	288 - 305	266.22 - 328.05	264.65 - 267.79	326.48 - 329.62
NE-WY ^{a, b, c}	M	< 60	3,446	608	587 - 629	543.82 - 674.84	542.2 - 545.44	673.21 - 676.46
	M	≥ 60	1,313	613	592 - 637	529.44 - 708.24	525.85 - 533.03	704.65 - 711.83
	F	< 60	2,721	603	583 - 626	512.6 - 703.67	509.94 - 515.27	701 - 706.33
	F	≥ 60	820	611	589 - 634	440.87 - 803.27	431.67 - 450.08	794.06 - 812.47
NE-WZ	M	< 60	3,446	636	598 - 711	521.2 - 784.28	517.94 - 524.46	781.02 - 787.54
	M	≥ 60	1,313	634	601 - 698	523.87 - 777.19	518.78 - 528.95	772.11 - 782.28
	F	< 60	2,721	640	597 - 710	518.01 - 787.65	514.25 - 521.77	783.89 - 791.4
	F	≥ 60	820	640	600 - 704	522.45 - 781.91	515.86 - 529.04	775.32 - 788.5
LY-WX ^{a, b, c, d}	M	< 60	3,446	509	478 - 542	414.9 - 607.08	412.52 - 417.29	604.7 - 609.46
	M	≥ 60	1,313	482	446 - 518	378.14 - 594.67	373.8 - 382.49	590.33 - 599.02
	F	< 60	2,721	530	496 - 564	425.58 - 639.33	422.6 - 428.56	636.35 - 642.31
	F	≥ 60	820	508	475 - 546	400.8 - 624.64	395.12 - 406.49	618.95 - 630.32

LY-WY ^{c, d}	M	< 60	3,446	848	806 - 894	717.44 - 986.52	714.11 - 720.78	983.19 - 989.85
	M	≥ 60	1,313	850	797 - 907	682.33 - 1,029.27	675.37 - 689.3	1022.3 - 1036.23
	F	< 60	2,721	869	824 - 917	725.22 - 1,020.68	721.1 - 729.34	1016.56 - 1024.8
	F	≥ 60	820	869	815 - 920	666.04 - 1,086.56	655.36 - 676.72	1075.88 - 1097.24
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LY-WZ ^{a, b}	M	< 60	3,446	520	470 - 597	390.93 - 670.59	387.46 - 394.39	667.12 - 674.05
	M	≥ 60	1,313	497	452 - 586	363.77 - 665.31	357.72 - 369.82	659.26 - 671.36
	F	< 60	2,721	527	471 - 594	389.87 - 673.74	385.91 - 393.83	669.78 - 677.7
	F	≥ 60	820	504	455 - 585	367.11 - 670.84	359.39 - 374.82	663.13 - 678.56
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MO-WX ^{a, b, c, d}	M	< 60	3,446	258	242 - 273	212.34 - 303.73	211.21 - 213.48	302.6 - 304.86
	M	≥ 60	1,313	260	243 - 278	210.02 - 312.47	207.96 - 212.08	310.41 - 314.52
	F	< 60	2,721	259	242 - 278	206.28 - 314.52	204.77 - 207.79	313.01 - 316.03
	F	≥ 60	820	266	246 - 282	198.14 - 335.58	194.65 - 201.63	332.09 - 339.07
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MO-WY ^{a, b, c, d}	M	< 60	3,446	645	590 - 701	474.91 - 816.65	470.67 - 479.14	812.41 - 820.88

	M	≥ 60	1,313	673	614 - 737	490.53 - 860.28	483.11 - 497.95	852.86 - 867.7
	F	< 60	2,721	631	569 - 690	434.78 - 821.53	429.38 - 440.17	816.14 - 826.92
	F	≥ 60	820	660.5	597 - 718	457.29 - 862.63	447 - 467.59	852.33 - 872.92
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MO-WZ ^{a, d}	M	< 60	3,446	605	545 - 665	449.02 - 764.68	445.11 - 452.93	760.77 - 768.59
	M	≥ 60	1,313	588	536 - 644	440.35 - 741.5	434.31 - 446.4	735.46 - 747.55
	F	< 60	2,721	604	544 - 659	442.26 - 762.25	437.8 - 446.72	757.79 - 766.71
	F	≥ 60	820	600	540 - 657	444.34 - 754.77	436.46 - 452.23	746.89 - 762.66
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TNC (10 ³ /μL) ^{a, b, c, d, e}	M	< 60	3,457	5.83	4.93 - 6.94	2.45 - 9.84	2.36 - 2.54	9.75 - 9.93
	M	≥ 60	1,325	6.25	5.17 - 8.03	1.14 - 12.84	0.9 - 1.37	12.61 - 13.07
	F	< 60	2,742	5.39	4.45 - 6.58	0.93 - 10.74	0.79 - 1.06	10.6 - 10.88
	F	≥ 60	830	5.765	4.63 - 7.05	1.71 - 10.64	1.49 - 1.94	10.41 - 10.86

M1: male participants < 60 years old, M2: male participants ≥ 60 years old, F1: female participants < 60 years old, F2: female participants ≥ 60 years old.

^a Statistically significant difference between the M1 and M2 groups ($p < 0.05$), ^b Statistically significant difference between the F1 and F2 groups ($p < 0.05$), ^c Statistically significant difference between the M1 and F1 groups ($p < 0.05$), ^d Statistically significant difference between the M2 and F2 groups ($p < 0.05$), ^e Separate reference intervals required for the M1 and M2 groups, ^f Separate reference intervals required for the F1 and F2 groups, ^g Separate reference intervals required for the M1 and F2 groups.

CI, confidence interval; MicroR, micro red blood cell (RBC) ratio; MacroR, macro RBC ratio; PDW, platelet distribution width; PCT, plateletcrit; P-LCR, platelet large cell ratio; WBC-N, white blood cell (WBC) count calculated from the white cell nucleated (WNR) channel; TNC-N, total nuclear cell count (WBC# + NRBC#) calculated from the WNR channel; BA-N#, basophil count calculated from the WNR channel; BA-N%, basophil percentage calculated from the WNR channel; WBC-D, WBC count calculated from the WBC differential (WDF) channel; TNC-D, total nuclear cell count (WBC# + NRBC#) calculated from the WDF channel; NEUT#&, the number of particles obtained by subtracting the immature granulocyte (IG) count from the neutrophil (NEUT) count; NEUT%&, the ratio of the count obtained by subtracting the IG# from the NEUT# to the WBC count; LYMP#&, the number of particles obtained by subtracting the highly fluorescent lymphocytic cell (HFLC) count from the LYMPH count; LYMP%&, the ratio of the count obtained by subtracting the HFLC# from the LYMPH# to the WBC count; HFLC#, the count of the upper LYMPH area of the WDF scattergram; HFLC%, the ratio of the count of the upper LYMPH area of the WDF scattergram to the WBC count; BA-D#, the basophil counts calculated from the WDF channel; BA-D%, the basophil percentage calculated from the WDF channel; NE-SSC, the lateral scattered light distribution width of the NEUT area on the WDF scattergram; NE-SFL, the fluorescent light distribution width of the NEUT area on the WDF scattergram; NE-FSC, the forward-scattered light intensity of the NEUT area on the WDF scattergram; LY-X, the lateral scattered light intensity of the LYMPH area on the WDF scattergram; LY-Y, the fluorescent light intensity of the LYMPH area on the WDF scattergram; LY-Z, the forward-scattered light intensity of the LYMPH area on the WDF scattergram; MO-X, the lateral scattered light intensity of the monocyte (MONO) area on the WDF scattergram; MO-Y, the fluorescent light intensity of the MONO area on the WDF scattergram; MO-Z, the forward-scattered light intensity of the MONO area on the WDF scattergram; NE-WX, the lateral scattered light distribution width of the NEUT area on the WDF scattergram; NE-WY, the fluorescent light distribution width of the NEUT area on the WDF scattergram; NE-WZ, the forward-scattered light distribution width of the NEUT area on the WDF scattergram; LY-WX, the lateral scattered light distribution width of the LYMPH area on the WDF scattergram; LY-WY, the fluorescent light distribution width of the LYMPH area on the WDF scattergram; LY-WZ, the forward-scattered light distribution width of the LYMPH area on the WDF scattergram; MO-WX, the lateral scattered light distribution width of the MONO area on the WDF scattergram; MO-WY, the fluorescent light distribution width of the MONO area on the WDF scattergram; MO-WZ, the forward-scattered light distribution width of the MONO area on the WDF scattergram; TNC, total nuclear cell count (WBC# + NRBC#) calculated from the white progenitor cell channel.

Table S4. Basic and research complete blood cell count parameters showing statistical differences between age and gender subgroups

Comparison	Category	Parameters	
Men < 60 vs. men ≥ 60 years	Basic parameters		
	RBC parameters	RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV	
	PLT parameters	PLT, PLT-I	
	WBC parameters	WBC, NEUT#, LYMPH#, MONO#, NEUT%, LYMPH%, MONO%, EO%, BASO%, IG#, IG%	
	Research parameters		
	RBC parameters	MicroR, MacroR	
	PLT parameters	PDW, PCT	
	WBC parameters	WBC-N, TNC-N, BA-N%, WBC-D, TNC-D, NEUT#&, NEUT%&, LYMP#&, LYMP%&, HFLC#, BA-D%, NE-SFL, LY-X, LY-Z, MO-X, MO-Y, MO-Z, NE-WX, NE-WY, LY-WX, LY-WZ, MO-WX, MO-WY, MO-WZ, TNC-P	
	Women < 60 vs. women ≥ 60 years	Basic parameters	
		RBC parameters	RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV
PLT parameters		PLT, PLT-I	
WBC parameters		WBC, NEUT#, LYMPH#, MONO#, MONO%, BASO%, IG#, IG%	
Research parameters			
RBC parameters		MicroR, MacroR	
PLT parameters		PCT	
WBC parameters		WBC-N, TNC-N, BA-N%, WBC-D, TNC-D, NEUT#&, LYMP#&, HFLC%, BA-D#, BA-D%, NE-SSC, NE-SFL, LY-X, LY-Y, LY-Z, MO-X, MO-Y, MO-Z, NE-WY, LY-WX, LY-WZ, MO-WX, MO-WY, TNC-P	
Men < 60 vs. women < 60 years		Basic parameters	
		RBC parameters	RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV

PLT parameters	PLT, PLT-I, MPV
WBC parameters	WBC, NEUT#, LYMPH#, MONO#, EO#, BASO#, NEUT%, MONO%, EO%, BASO%, IG#, IG%
Research parameters	
RBC parameters	MicroR, MacroR
PLT parameters	PDW, PCT
WBC parameters	WBC-N, TNC-N, BA-N#, BA-N%, WBC-D, TNC-D, NEUT#&, NEUT%&, LYMP#&, HFLC#, HFLC%, BA-D#, BA-D%, NE-SSC, NE-SFL, LY-X, LY-Y, LY-Z, MO-X, MO-Y, MO-Z, NE-WX, NE-WY, LY-WX, LY-WY, MO-WX, MO-WY, TNC-P

Men \geq 60 vs. women \geq 60 years

Basic parameters	
RBC parameters	RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV
PLT parameters	PLT, PLT-I
WBC parameters	WBC, NEUT#, LYMPH#, MONO#, EO#, BASO#, NEUT%, LYMPH%, MONO%, EO%, IG#, IG%
Research parameters	
RBC parameters	MacroR
PLT parameters	PCT
WBC parameters	WBC-N, TNC-N, BA-N#, WBC-D, TNC-D, NEUT#&, NEUT%&, LYMP#&, LYMP%&, BA-D#, BA-D%, NE-SFL, LY-X, LY-Z, MO-Z, NE-WX, LY-WX, LY-WY, MO-WX, MO-WY, MO-WZ, TNC-P
