



Supplementary Material

Table S1

Testing results for counting blood cells in the original test set and results after training.

Samples No.	Original Ground Truth			Batch Size = 4			Batch Size = 8			Batch Size = 16		
	RBC	WBC	Plat.	RBC	WBC	Plat.	RBC	WBC	Plat.	RBC	WBC	Plat.
1	13	1	0	13	1	1	11	1	1	11	1	1
2	0	1	0	5	1	0	5	1	0	4	1	0
3	14	1	2	16	1	2	15	1	2	18	1	2
4	12	1	0	18	1	0	16	1	0	17	1	0
5	12	1	0	16	1	0	9	1	0	13	1	0
6	14	1	0	17	1	0	14	1	0	14	1	0
7	14	1	4	21	1	3	17	1	3	16	1	4
8	16	1	0	18	1	0	19	1	0	16	1	0
9	13	1	0	16	1	0	16	1	0	14	1	0
10	14	1	0	15	1	1	19	1	1	16	1	1
11	11	1	1	15	1	1	14	1	1	17	1	1
12	14	1	0	14	1	1	13	1	1	16	1	1
13	11	1	0	15	1	0	11	1	0	10	1	0
14	14	1	1	12	1	1	15	1	1	13	1	1
15	12	1	3	14	1	3	18	1	3	15	1	3
16	14	1	1	15	1	1	15	1	1	12	1	1
17	14	1	1	16	1	1	15	1	1	14	1	1
18	13	1	0	23	1	0	18	1	0	17	1	0
19	17	1	2	16	1	3	15	1	2	14	1	2
20	14	1	0	18	1	0	19	1	0	12	1	0
21	12	1	0	12	1	0	8	1	0	8	1	0
22	12	1	0	16	1	0	15	1	0	14	1	0
23	9	2	0	11	2	0	10	2	0	8	2	0
24	12	1	2	8	1	2	9	1	2	11	1	2
25	10	1	0	15	1	0	13	1	0	10	1	0
26	13	1	2	13	1	1	10	1	1	11	1	2
27	15	1	0	20	1	1	16	1	0	13	1	1
28	18	1	0	19	1	0	17	1	0	18	1	1
29	15	1	0	23	1	0	16	1	0	18	1	0
30	13	1	2	18	1	1	16	1	1	11	1	1
31	8	1	3	9	1	2	9	1	2	7	1	2
32	10	1	0	10	1	0	10	1	0	9	1	0
33	14	1	3	16	1	2	15	1	3	13	1	3
34	14	1	0	12	1	1	14	1	1	14	1	1
35	10	1	2	12	1	2	9	1	2	11	1	1
36	10	1	0	16	1	0	14	1	0	13	1	0
37	5	1	2	7	1	1	5	1	3	6	1	3
38	10	1	0	10	1	0	10	1	0	9	1	0
39	14	1	0	16	1	1	15	1	0	14	1	1
40	14	1	0	14	1	0	11	1	0	14	1	1
41	11	1	0	12	1	0	12	1	0	14	1	0
42	14	1	2	16	1	1	12	1	1	12	1	1
43	17	1	2	18	1	2	18	1	0	17	1	1
44	17	1	0	20	1	0	20	1	0	17	1	0
45	14	1	0	13	1	0	8	1	0	7	1	0
46	12	1	0	13	1	0	10	1	0	10	1	0



Samples No.	Original Ground Truth			Batch Size = 4			Batch Size = 8			Batch Size = 16		
	RBC	WBC	Plat.	RBC	WBC	Plat.	RBC	WBC	Plat.	RBC	WBC	Plat.
47	13	1	1	16	1	1	12	1	1	11	1	1
48	15	1	2	14	1	2	13	1	0	12	1	0
49	13	1	1	17	1	1	15	1	1	10	1	1
50	14	1	0	9	1	1	11	1	1	9	1	1
51	15	1	3	11	1	3	10	1	2	9	1	2
52	15	1	2	11	1	2	14	1	2	9	1	2
53	14	1	4	13	1	3	11	1	4	12	1	4
54	13	1	4	10	1	4	13	1	4	14	1	3

Note: derived from research.