

FIG. 1

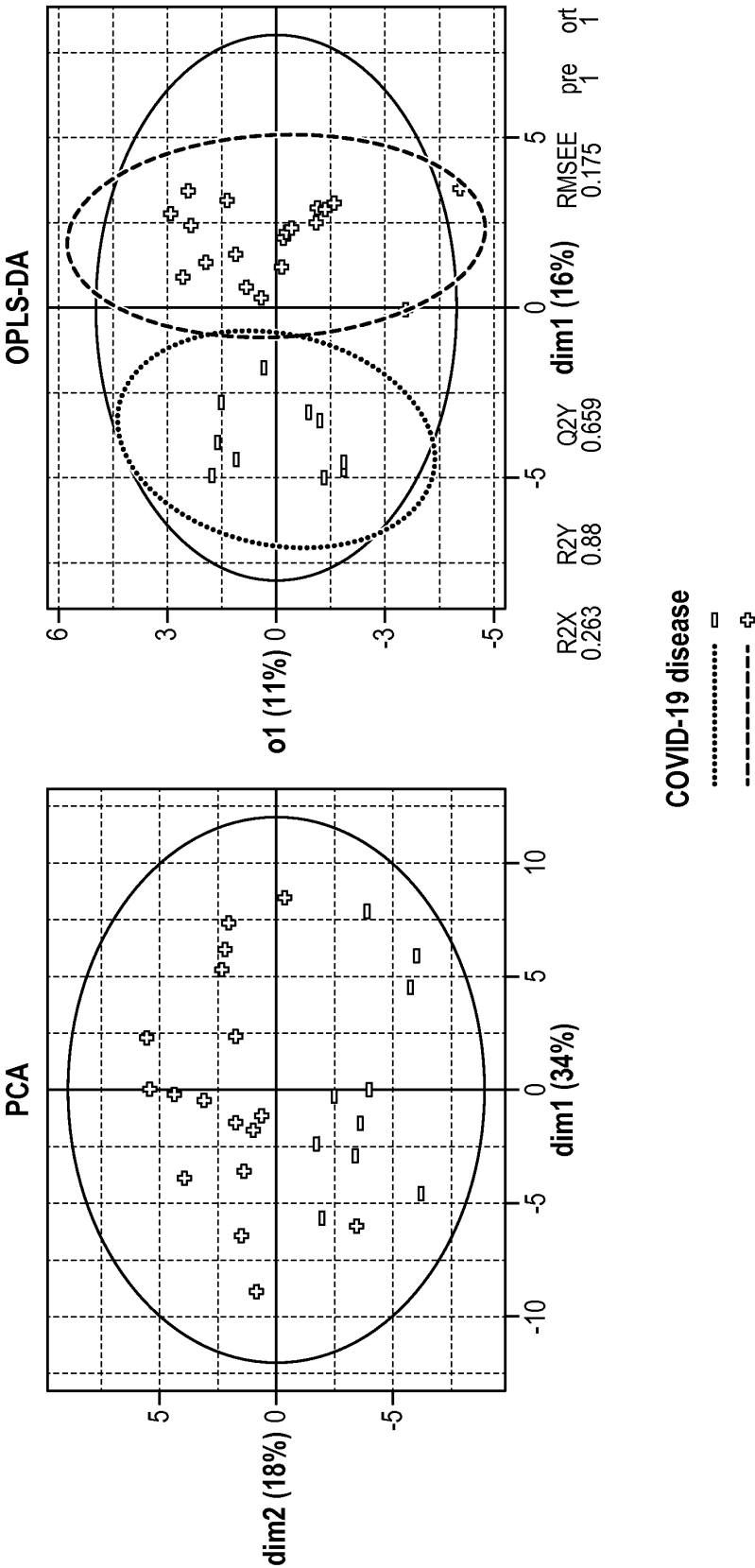


FIG. 2a

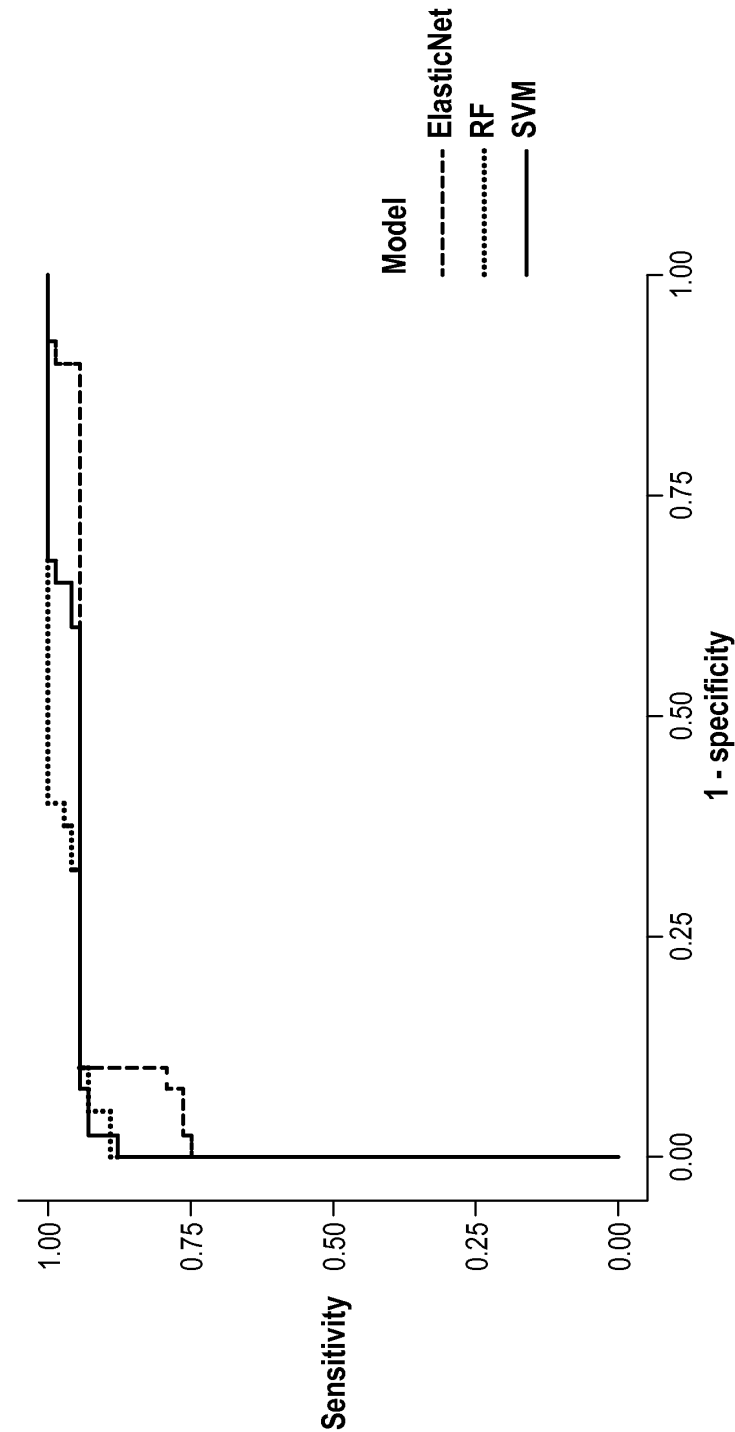


FIG. 2b

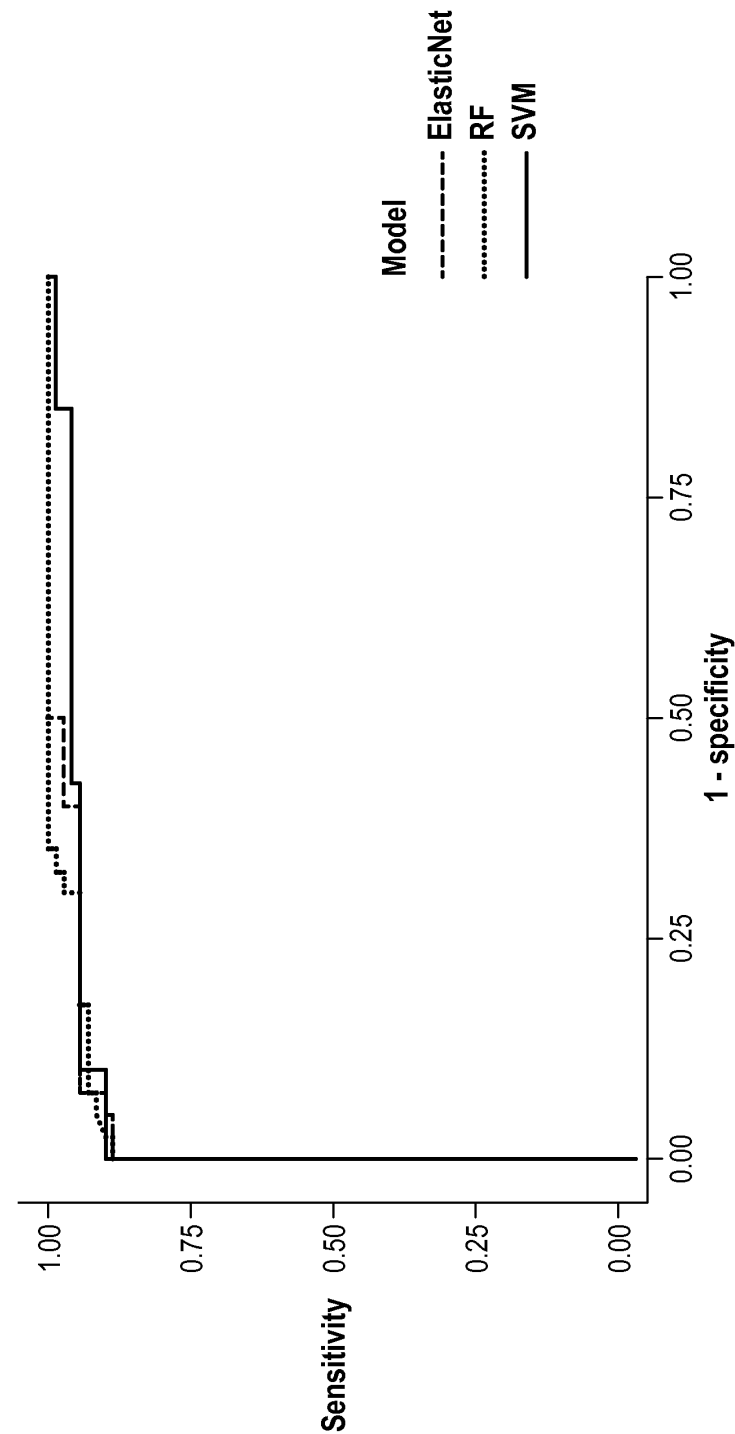
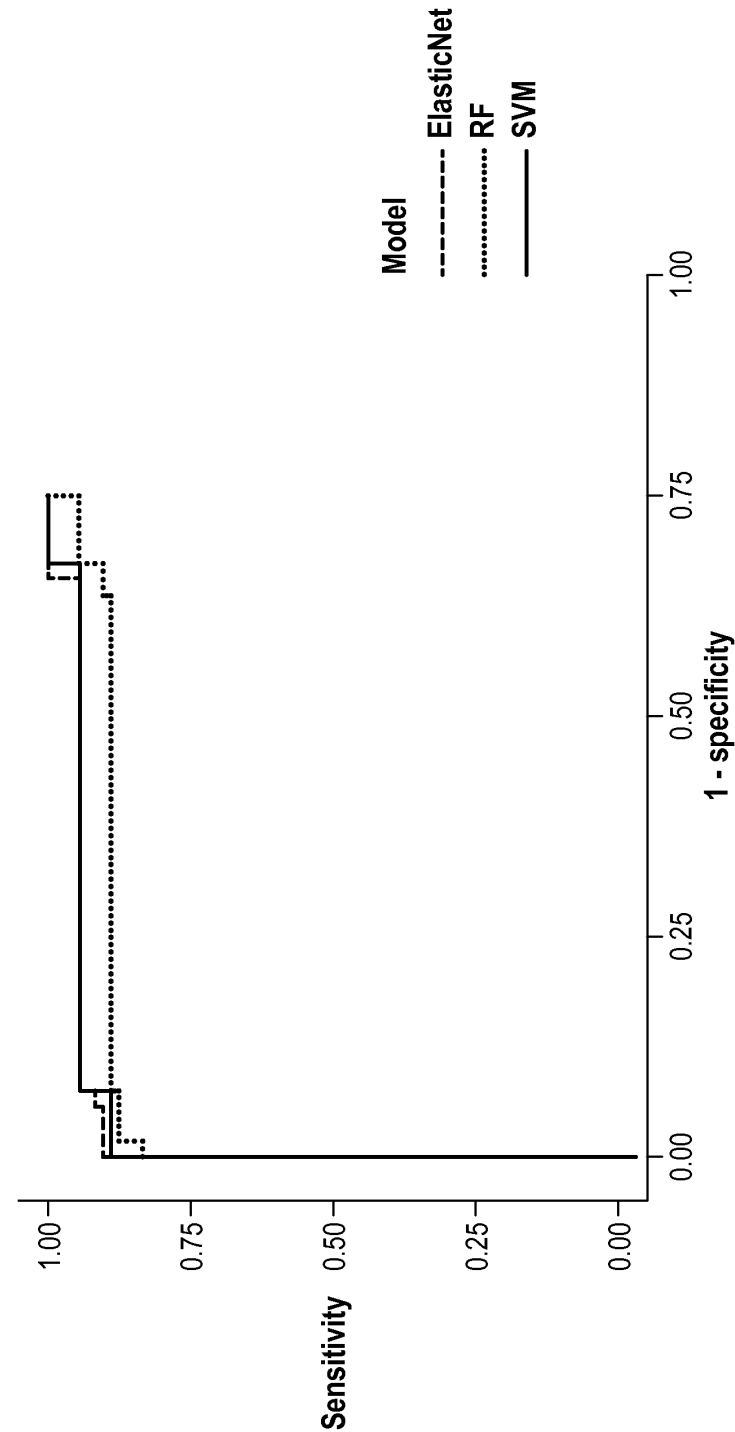


FIG. 2c



Model	Accuracy	Sensitivity	Specificity	AUC	Number of features
ElasticNet	0.93	0.90	0.94	0.95	4
Random Forest	0.91	0.98	0.88	0.89	4
SVM	0.89	0.90	0.89	0.94	4

FIG. 3

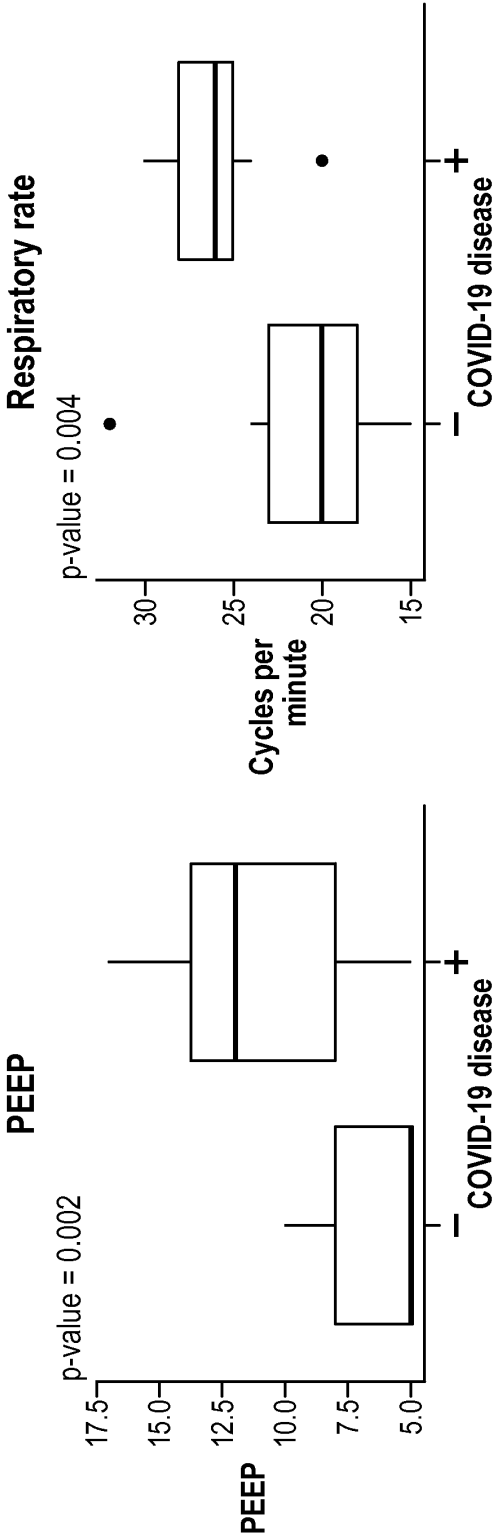


FIG. 3 (continued)

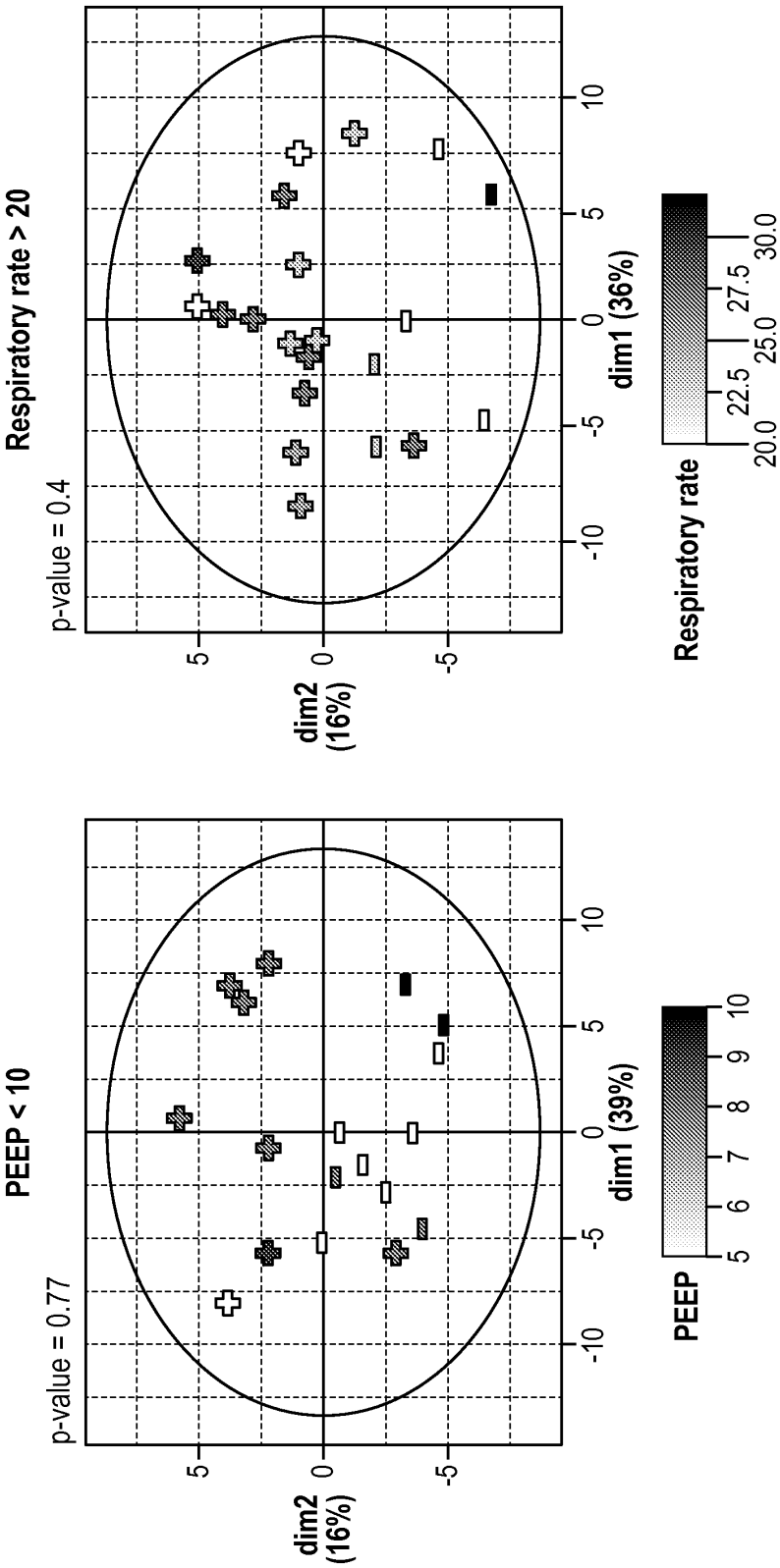


FIG. 4

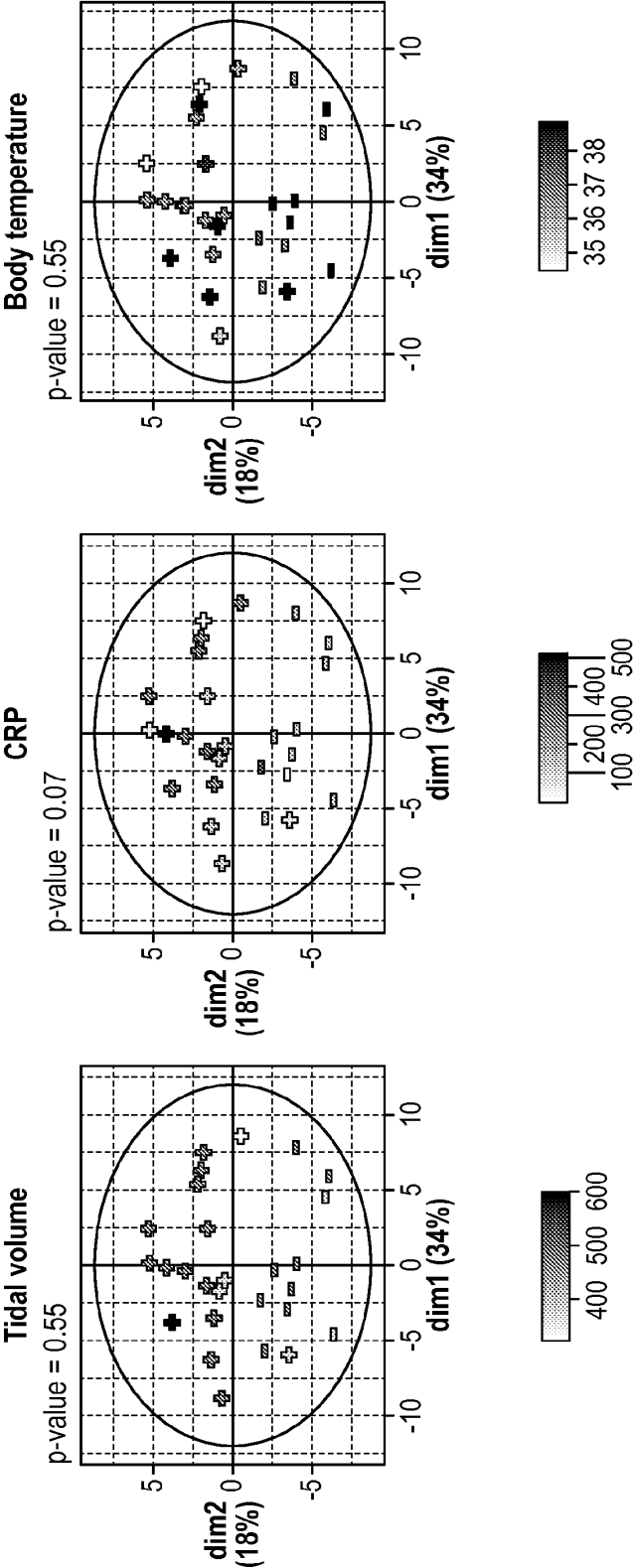


FIG. 5

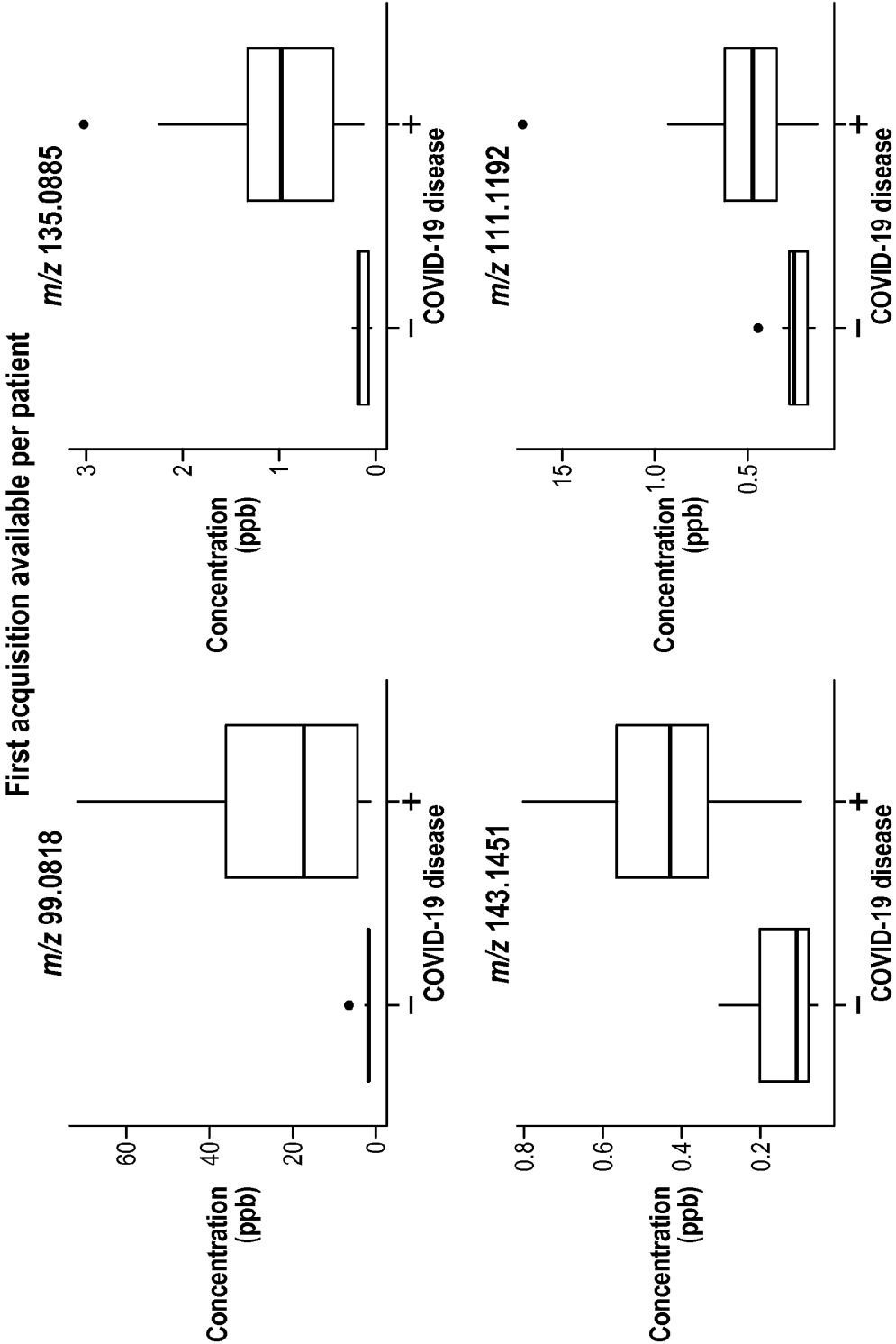


FIG. 5 (continued)

Longitudinal modeling

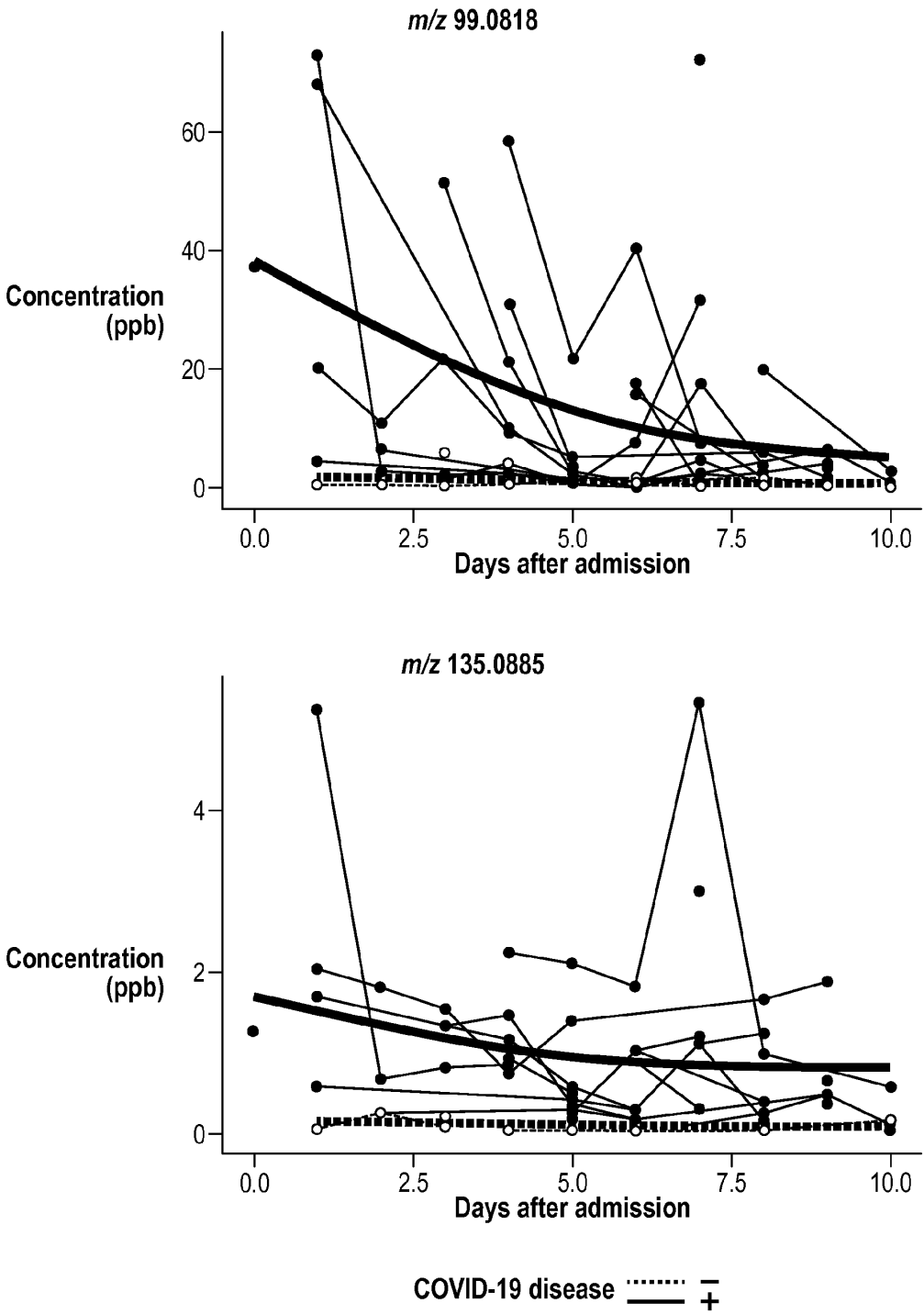


FIG. 5 (continued)
Longitudinal modeling

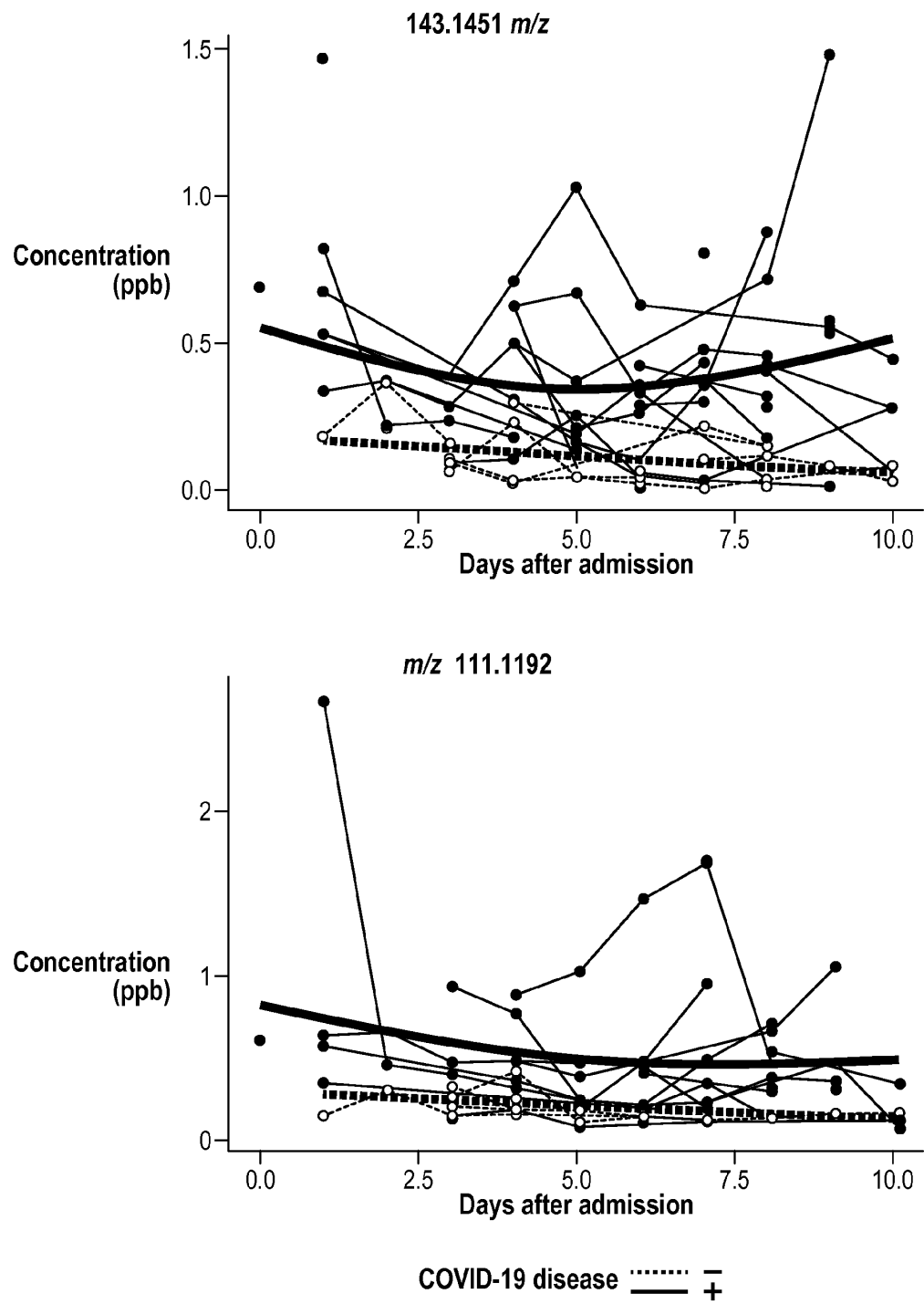


FIG. 6

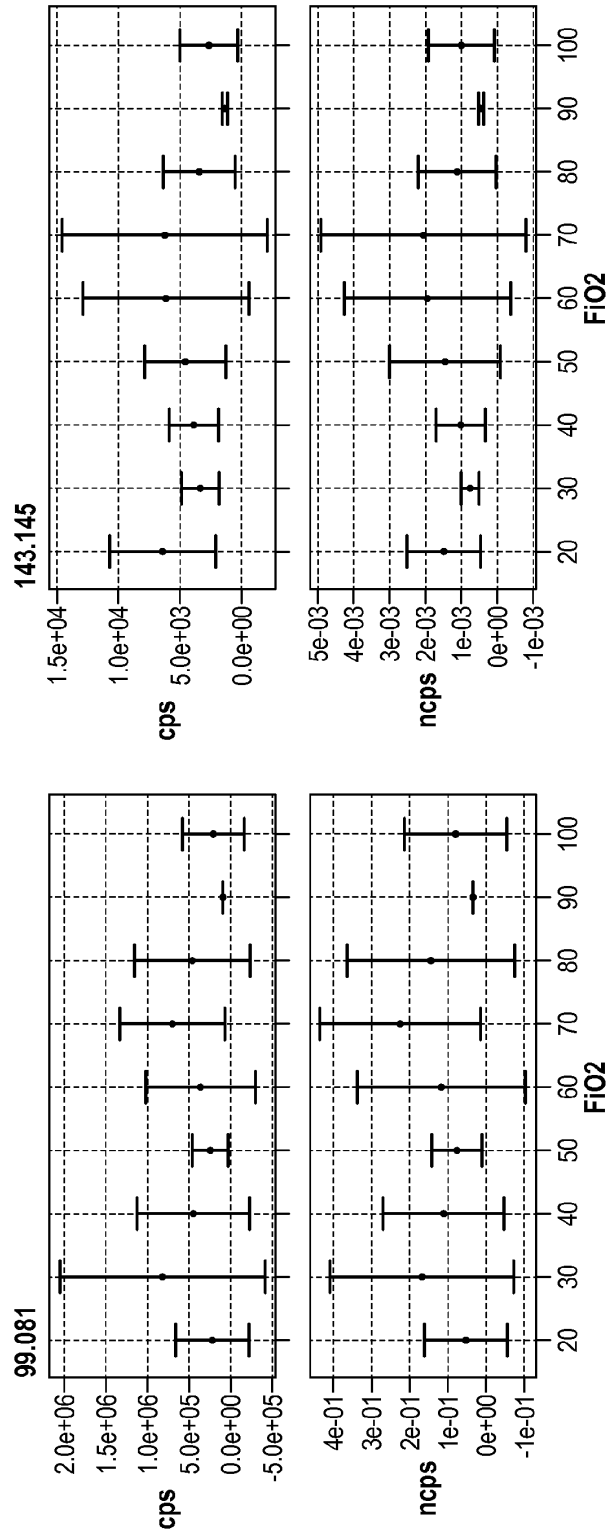


FIG. 6 (continued)

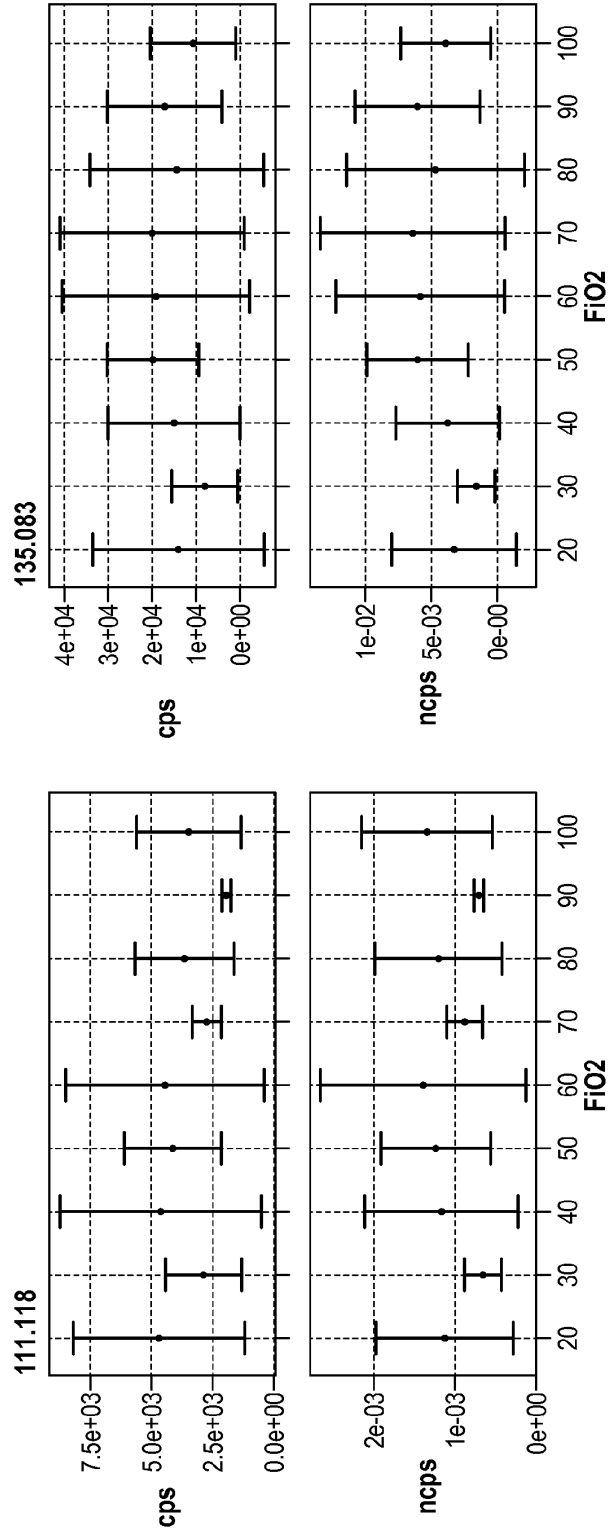


FIG. 6 (continued)

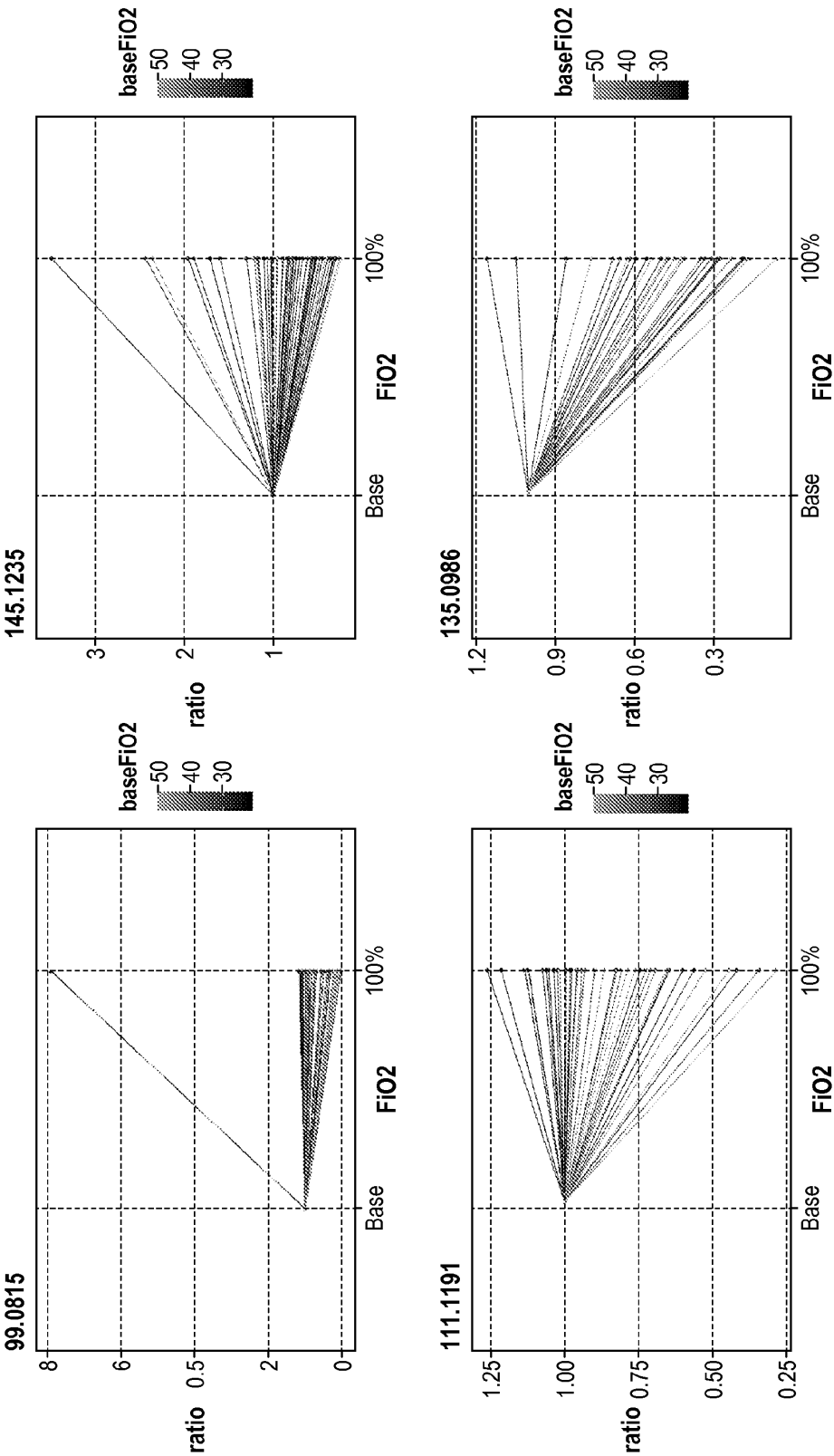


FIG. 7

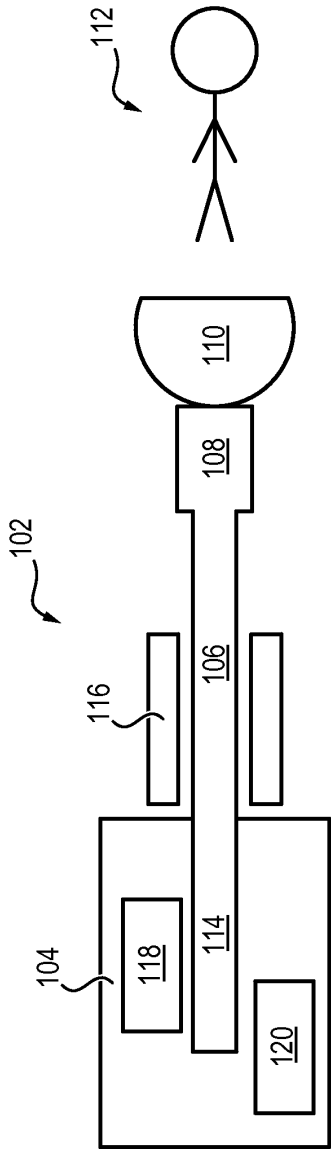


FIG. 8

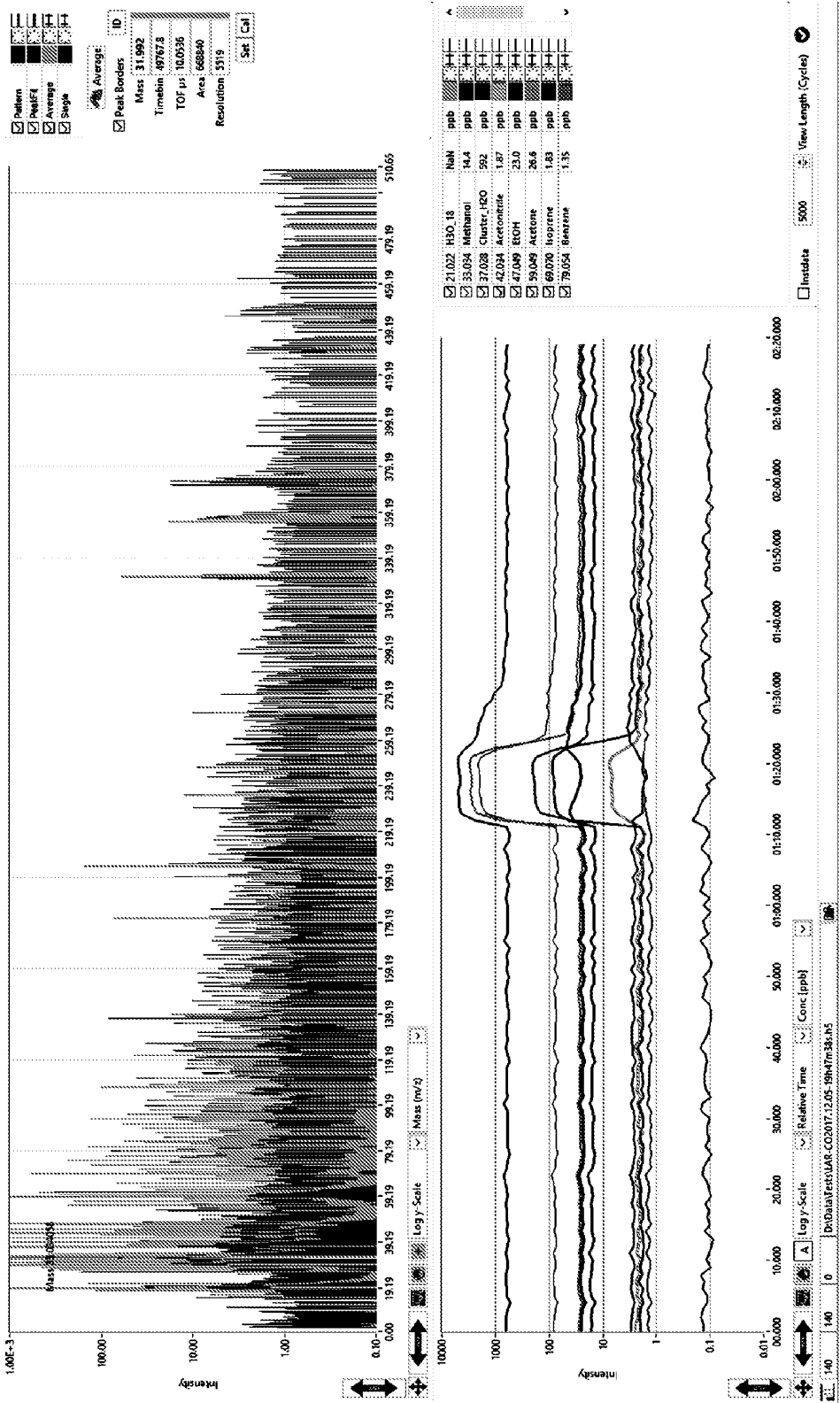


FIG. 9

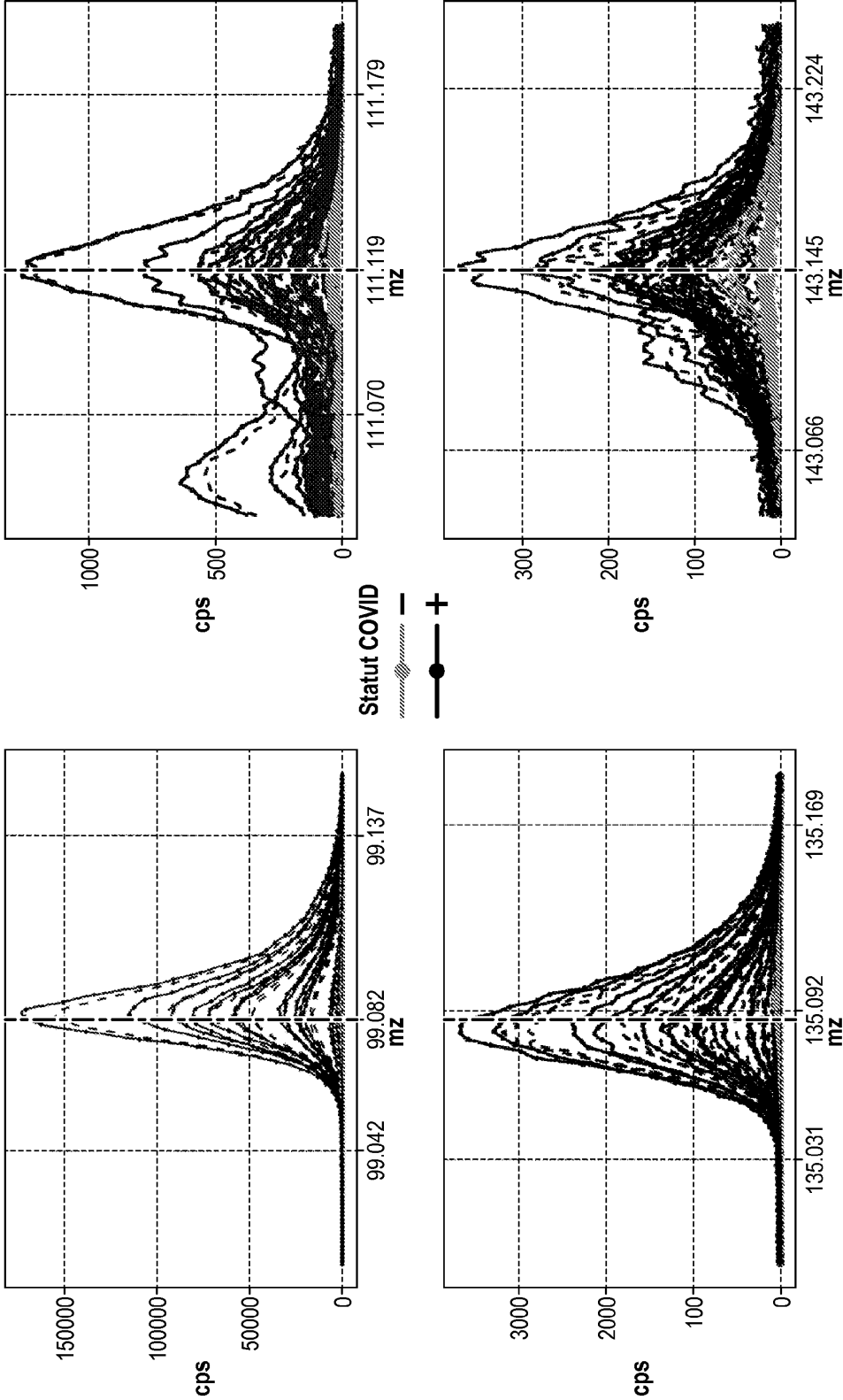


FIG. 10

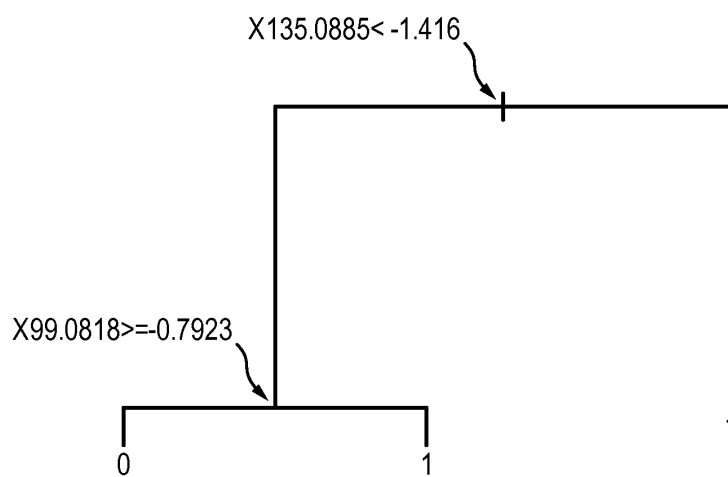


FIG. 11

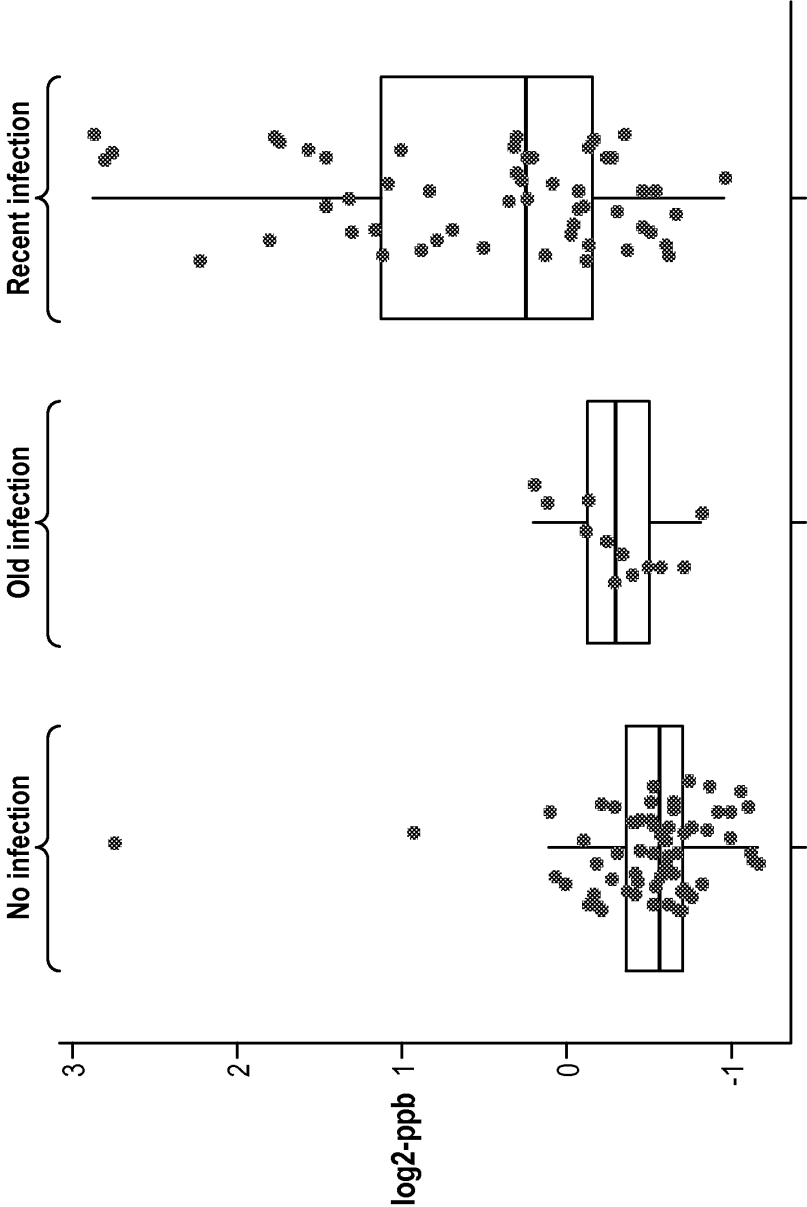


FIG. 12

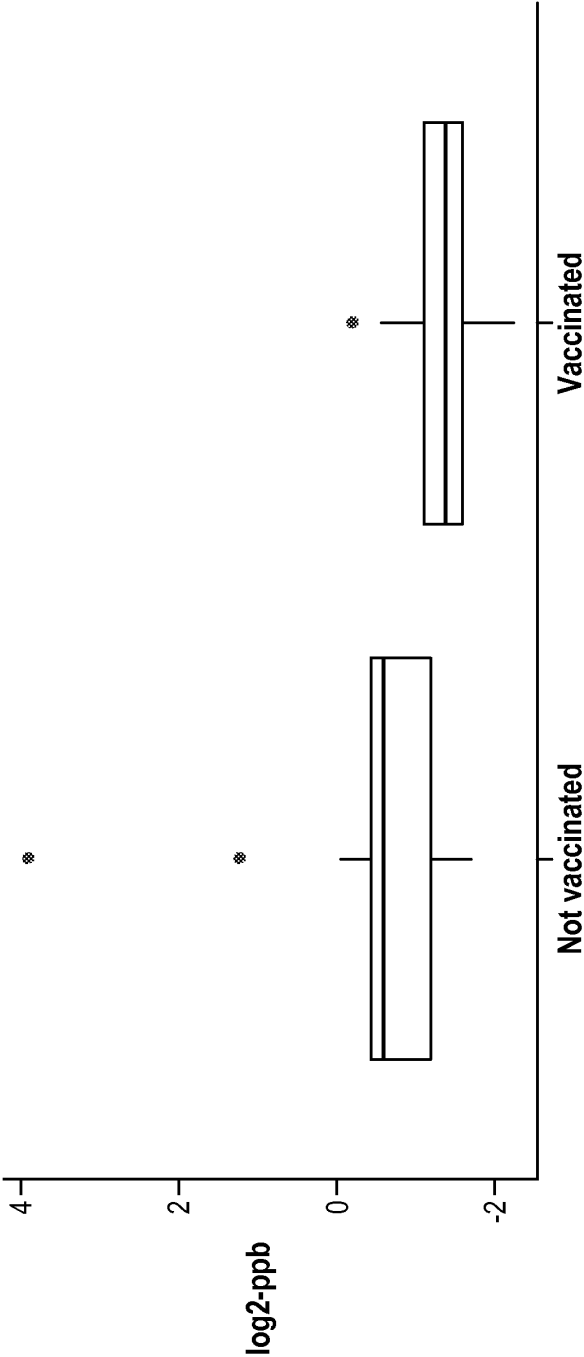
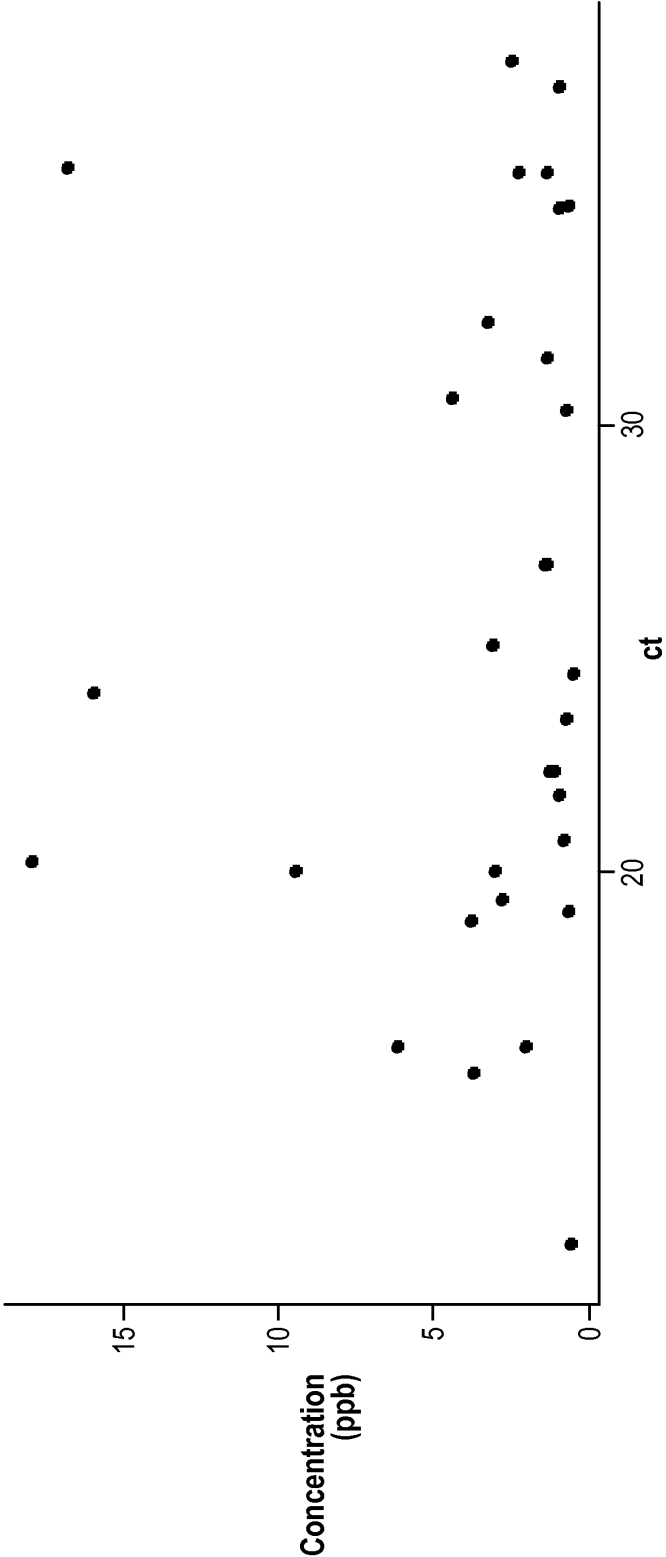


FIG. 13



A scatter plot showing the concentration of a substance (in ppb) over time (in days) since PCR. The y-axis is labeled 'Concentration (ppb)' and ranges from 0 to 15. The x-axis is labeled 'Time since PCR (days)' and ranges from 0 to 15. The data points are black dots. The concentration starts at approximately 16.5 ppb at day 0 and decreases to approximately 0.5 ppb at day 15. There is a significant drop in concentration between day 0 and day 1, followed by a more gradual decline.

Time since PCR (days)	Concentration (ppb)
0	16.5
0	15.5
0	14.5
0	13.5
0	12.5
0	11.5
0	10.5
0	9.5
0	8.5
0	7.5
0	6.5
0	5.5
0	4.5
0	3.5
0	2.5
0	1.5
0	0.5
1	15.5
1	14.5
1	13.5
1	12.5
1	11.5
1	10.5
1	9.5
1	8.5
1	7.5
1	6.5
1	5.5
1	4.5
1	3.5
1	2.5
1	1.5
1	0.5
2	14.5
2	13.5
2	12.5
2	11.5
2	10.5
2	9.5
2	8.5
2	7.5
2	6.5
2	5.5
2	4.5
2	3.5
2	2.5
2	1.5
2	0.5
3	13.5
3	12.5
3	11.5
3	10.5
3	9.5
3	8.5
3	7.5
3	6.5
3	5.5
3	4.5
3	3.5
3	2.5
3	1.5
3	0.5
4	12.5
4	11.5
4	10.5
4	9.5
4	8.5
4	7.5
4	6.5
4	5.5
4	4.5
4	3.5
4	2.5
4	1.5
4	0.5
5	11.5
5	10.5
5	9.5
5	8.5
5	7.5
5	6.5
5	5.5
5	4.5
5	3.5
5	2.5
5	1.5
5	0.5
6	10.5
6	9.5
6	8.5
6	7.5
6	6.5
6	5.5
6	4.5
6	3.5
6	2.5
6	1.5
6	0.5
7	9.5
7	8.5
7	7.5
7	6.5
7	5.5
7	4.5
7	3.5
7	2.5
7	1.5
7	0.5
8	8.5
8	7.5
8	6.5
8	5.5
8	4.5
8	3.5
8	2.5
8	1.5
8	0.5
9	7.5
9	6.5
9	5.5
9	4.5
9	3.5
9	2.5
9	1.5
9	0.5
10	6.5
10	5.5
10	4.5
10	3.5
10	2.5
10	1.5
10	0.5
11	5.5
11	4.5
11	3.5
11	2.5
11	1.5
11	0.5
12	4.5
12	3.5
12	2.5
12	1.5
12	0.5
13	3.5
13	2.5
13	1.5
13	0.5
14	2.5
14	1.5
14	0.5
15	1.5
15	0.5

FIG. 15

Predicted label	Infected	6.579%	85.455%
	Not infected	93.421%	14.545%
		Not infected	Infected
		True label	

FIG. 16

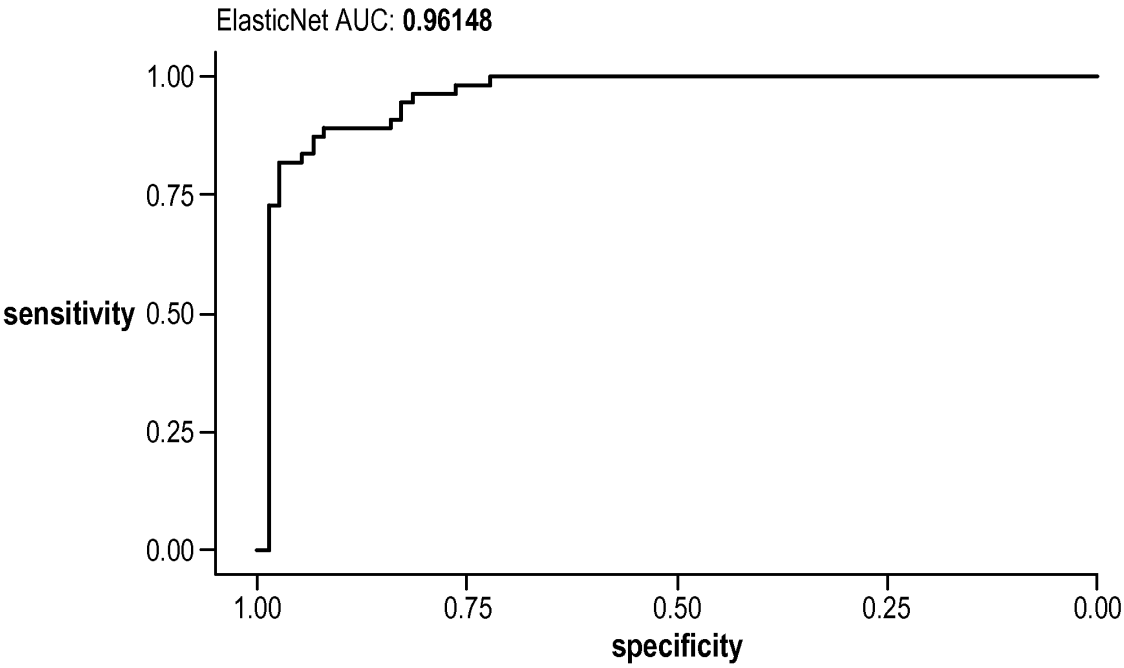


FIG. 17

Predicted label	Infected	13.253%	66.071%
	Not infected	86.747%	33.929%
		Not infected	Infected
		True label	

FIG. 18

