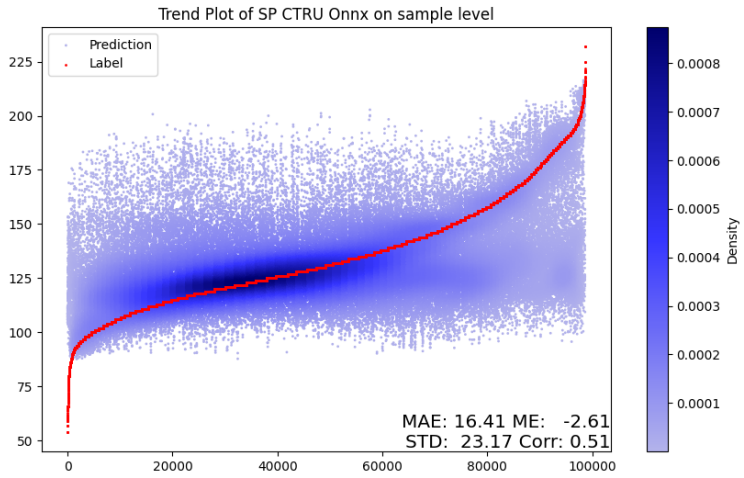

Figure 1: Trend Plot of SP CTRU Onnx on sample level.

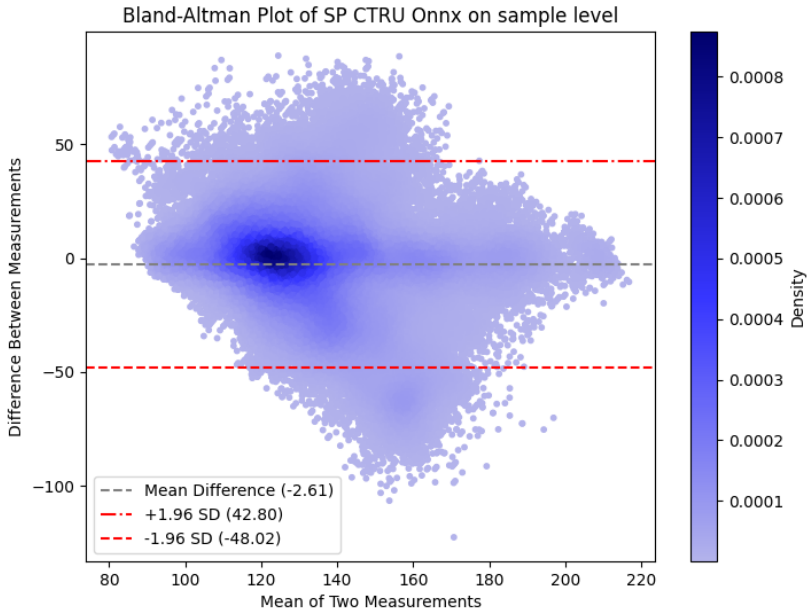

Figure 2: Bland-Altman plot of all subjects' SP CTRU Onnx prediction vs label measurements. Here one dot represents one measurement pair.

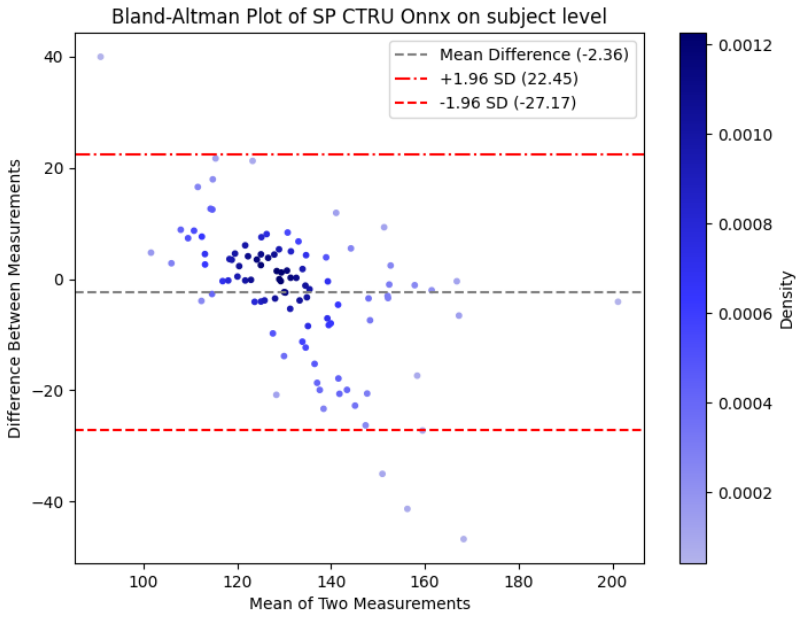

Figure 3: Bland-Altman plot of each subject's averaged SP CTRU Onnx prediction vs label measurements. Here one dot represents one subject.

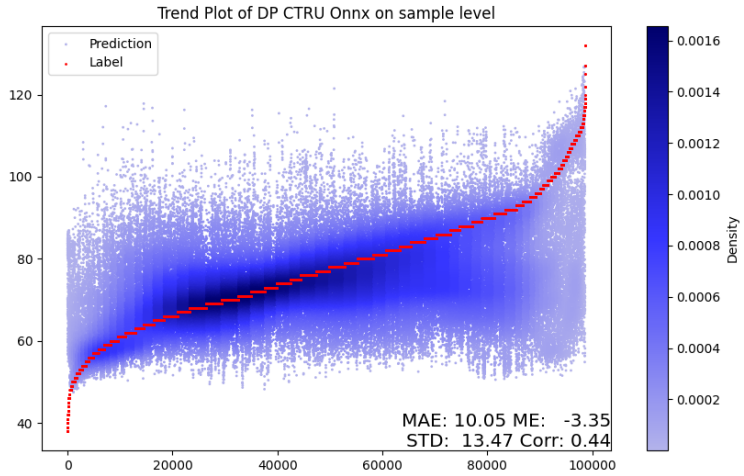

Figure 4: Trend Plot of DP CTRU Onnx on sample level.

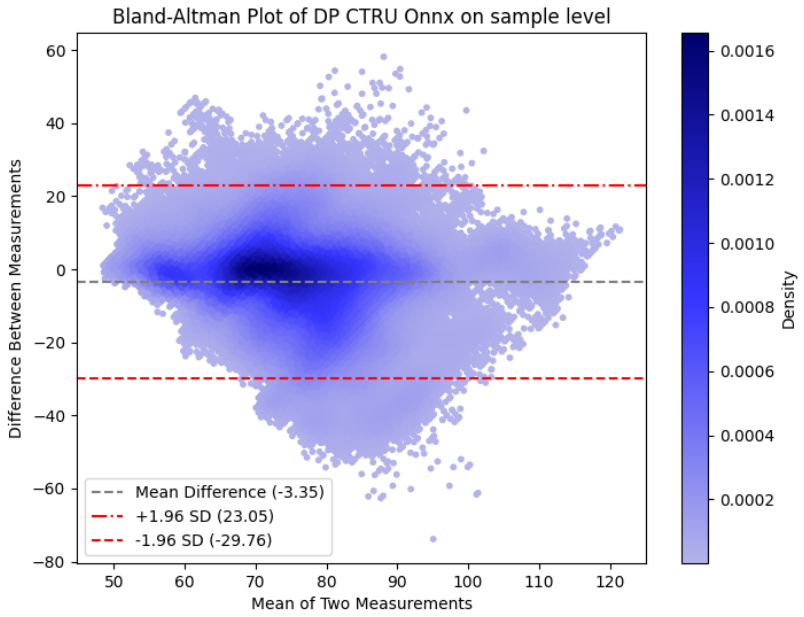

Figure 5: Bland-Altman plot of all subjects' DP CTRU Onnx prediction vs label measurements. Here one dot represents one measurement pair.

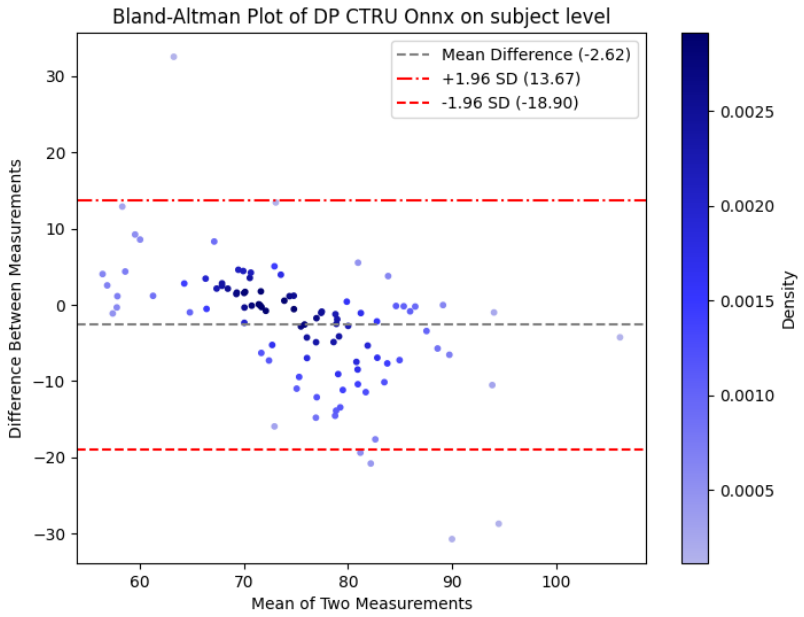

Figure 6: Bland-Altman plot of each subject's averaged DP CTRU Onnx prediction vs label measurements. Here one dot represents one subject.

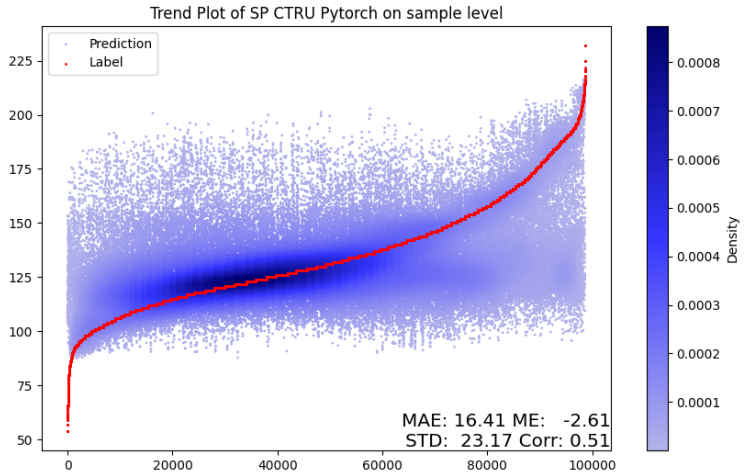

Figure 7: Trend Plot of SP CTRU Pytorch on sample level.

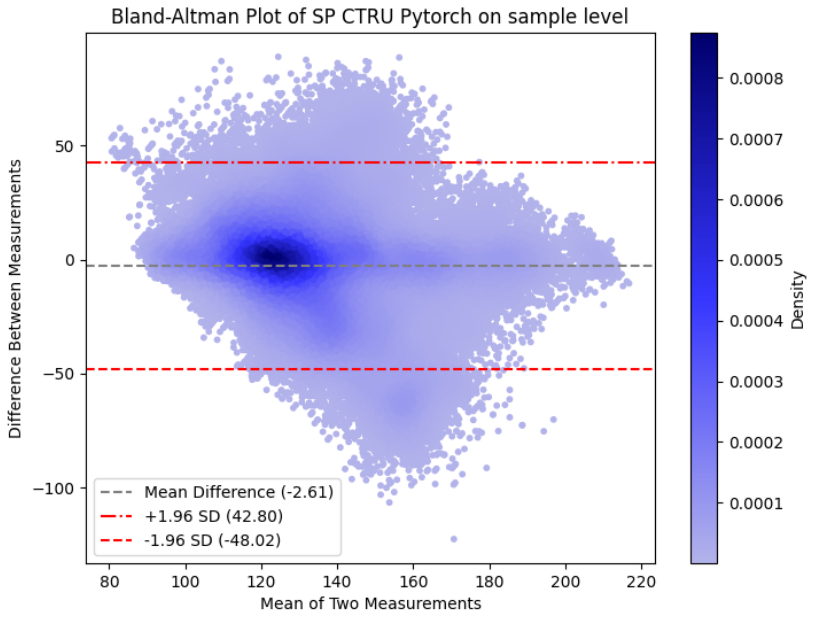

Figure 8: Bland-Altman plot of all subjects' SP CTRU Pytorch prediction vs label measurements. Here one dot represents one measurement pair.

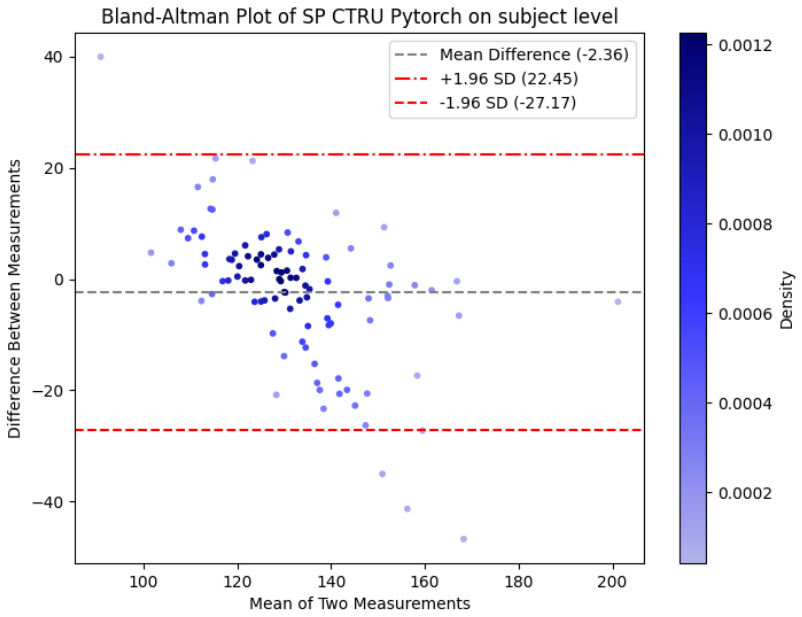

Figure 9: Bland-Altman plot of each subject's averaged SP CTRU Pytorch prediction vs label measurements. Here one dot represents one subject.

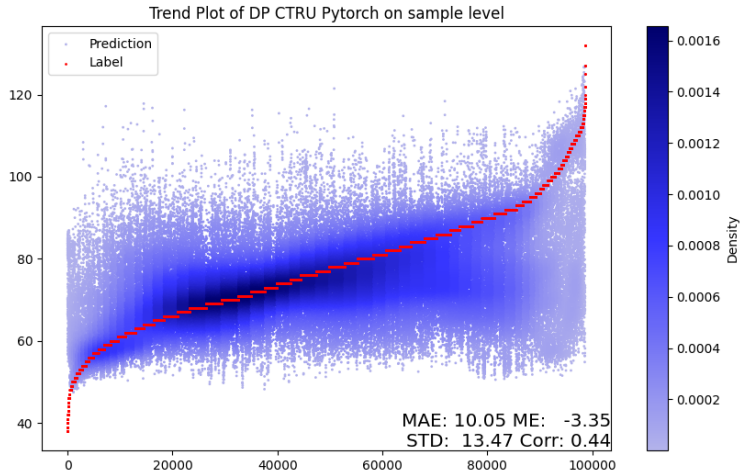

Figure 10: Trend Plot of DP CTRU Pytorch on sample level.

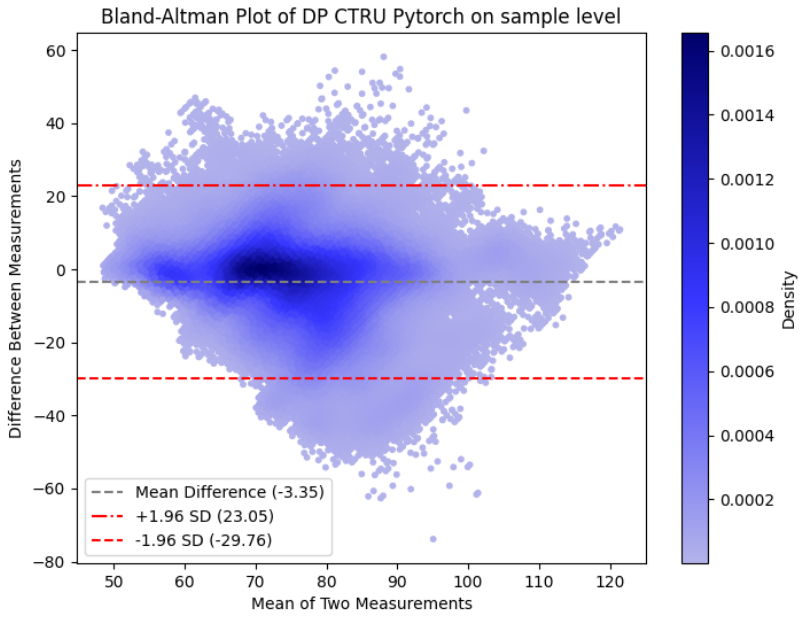

Figure 11: Bland-Altman plot of all subjects' DP CTRU Pytorch prediction vs label measurements. Here one dot represents one measurement pair.

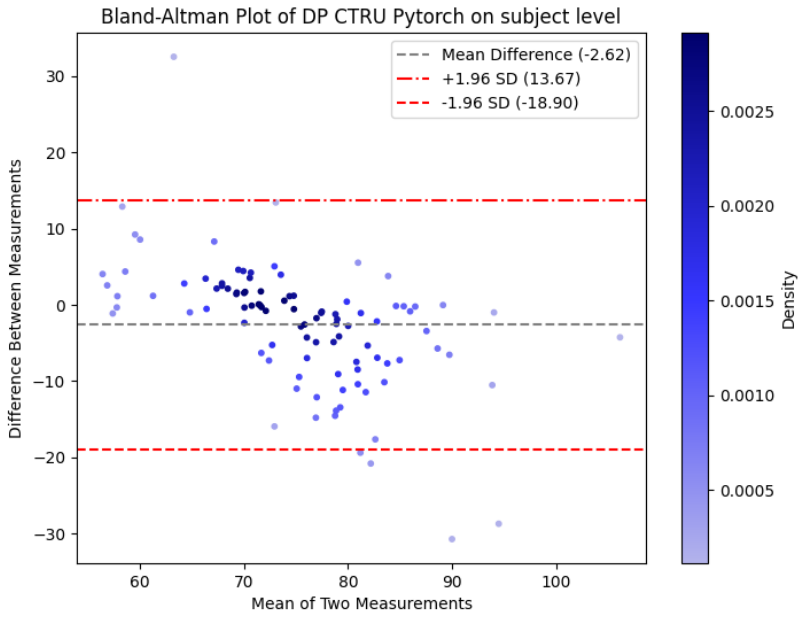

Figure 12: Bland-Altman plot of each subject's averaged DP CTRU Pytorch prediction vs label measurements. Here one dot represents one subject.

$\bar{x}_n$	**Maximum permissible standard deviation, s_m, as function of, $\bar{x}_n$** mmHg									
	0,0	**0,1**	**0,2**	**0,3**	**0,4**	**0,5**	**0,6**	**0,7**	**0,8**	**0,9**
±0,	6,95	6,95	6,95	6,95	6,93	6,92	6,91	6,90	6,89	6,88
±1,	6,87	6,86	6,84	6,82	6,80	6,78	6,76	6,73	6,71	6,68
±2,	6,65	6,62	6,58	6,55	6,51	6,47	6,43	6,39	6,34	6,30
±3,	6,25	6,20	6,14	6,09	6,03	5,97	5,89	5,83	5,77	5,70
±4,	5,64	5,56	5,49	5,41	5,33	5,25	5,16	5,08	5,01	4,90
±5,	4,79	—	—	—	—	—	—	—	—	—
EXAMPLE For mean of ±4,2 mmHg, the maximum permissible standard deviation is 5,49 mmHg.										

Figure 13: Averaged subject data acceptance in mmHg

Vital Signal	ME	MAE	SD	Correlation	Whether meet the requirement
SP CTRU Onnx on sample level	-2.61	16.41	23.17	0.51	No
SP CTRU Onnx on subject level	-2.36	8.72	12.66	0.80	No
DP CTRU Onnx on sample level	-3.35	10.05	13.47	0.44	No
DP CTRU Onnx on subject level	-2.62	5.83	8.31	0.72	No
SP CTRU Pytorch on sample level	-2.61	16.41	23.17	0.51	No
SP CTRU Pytorch on subject level	-2.36	8.72	12.66	0.80	No
DP CTRU Pytorch on sample level	-3.35	10.05	13.47	0.44	No
DP CTRU Pytorch on subject level	-2.62	5.83	8.31	0.72	No

Table 1: Prediction Results