

Figure 1: Trend Plot of SP on sample level.

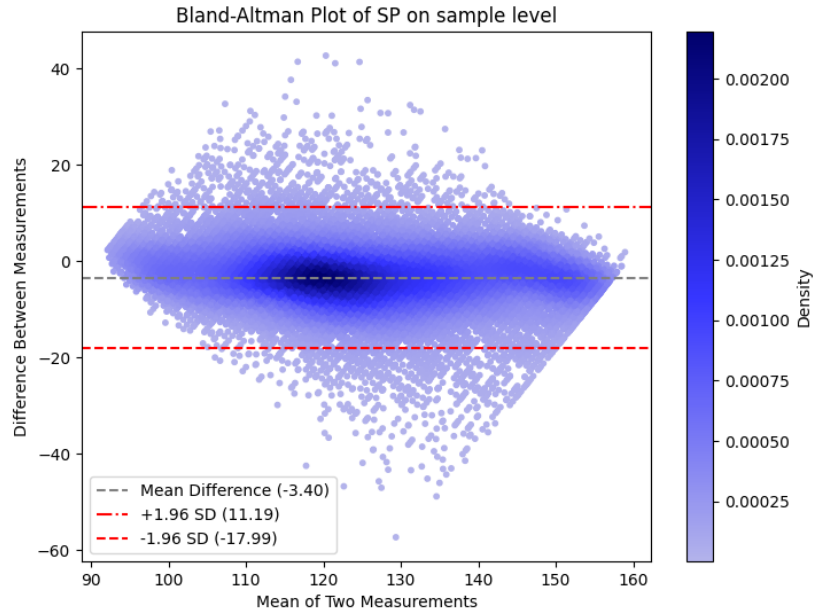


Figure 2: Bland-Altman plot of all subjects' SP prediction vs label measurements. Here one dot represents one measurement pair.

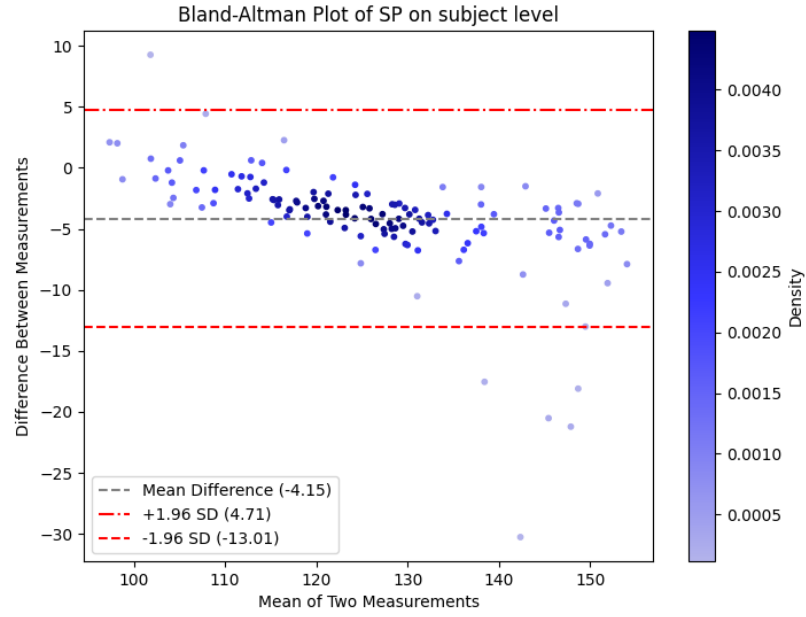


Figure 3: Bland-Altman plot of each subject's averaged SP prediction vs label measurements. Here one dot represents one subject.

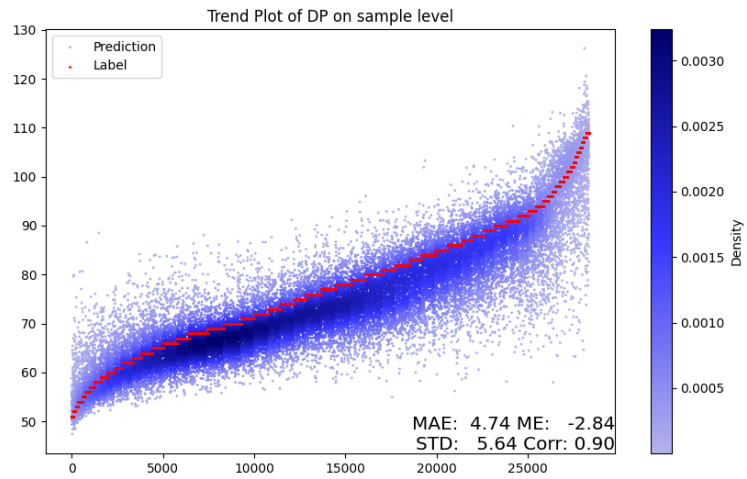


Figure 4: Trend Plot of DP on sample level.

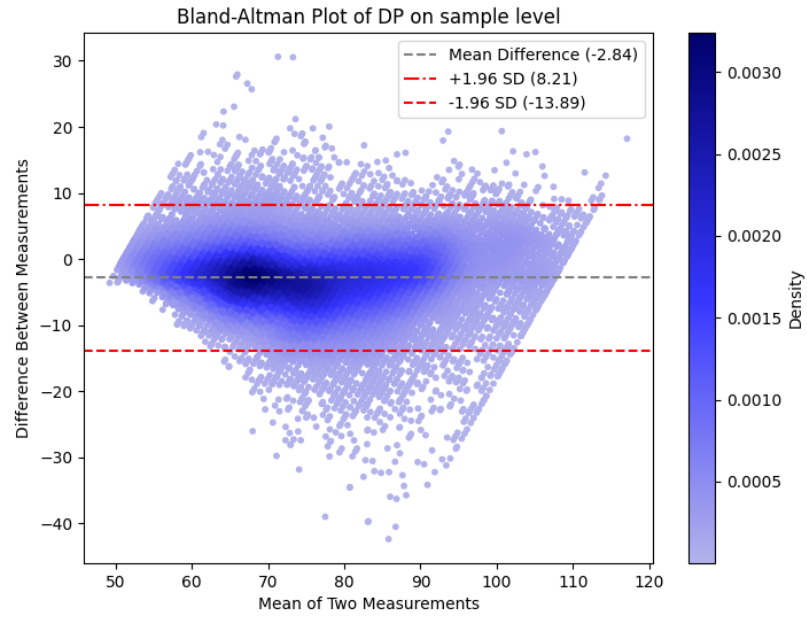


Figure 5: Bland-Altman plot of all subjects' DP prediction vs label measurements. Here one dot represents one measurement pair.

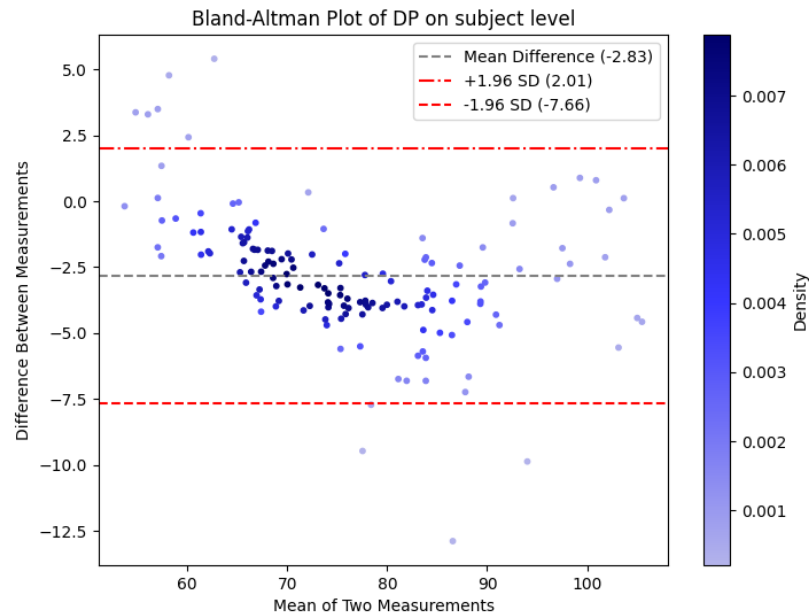


Figure 6: Bland-Altman plot of each subject's averaged DP prediction vs label measurements. Here one dot represents one subject.

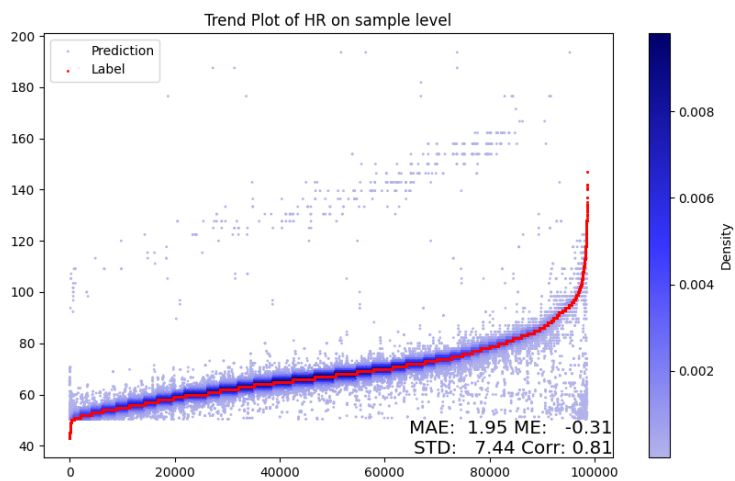


Figure 7: Trend Plot of HR on sample level.

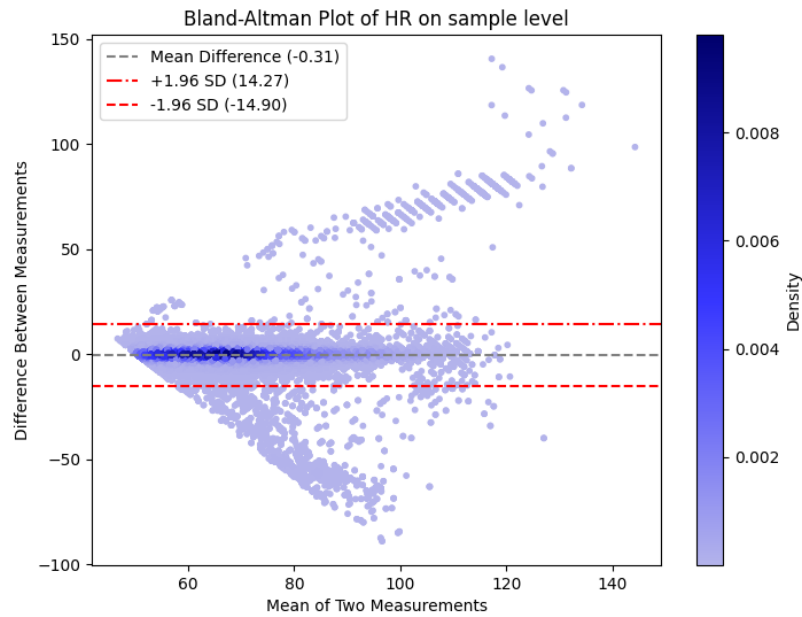


Figure 8: Bland-Altman plot of all subjects' HR prediction vs label measurements. Here one dot represents one measurement pair.

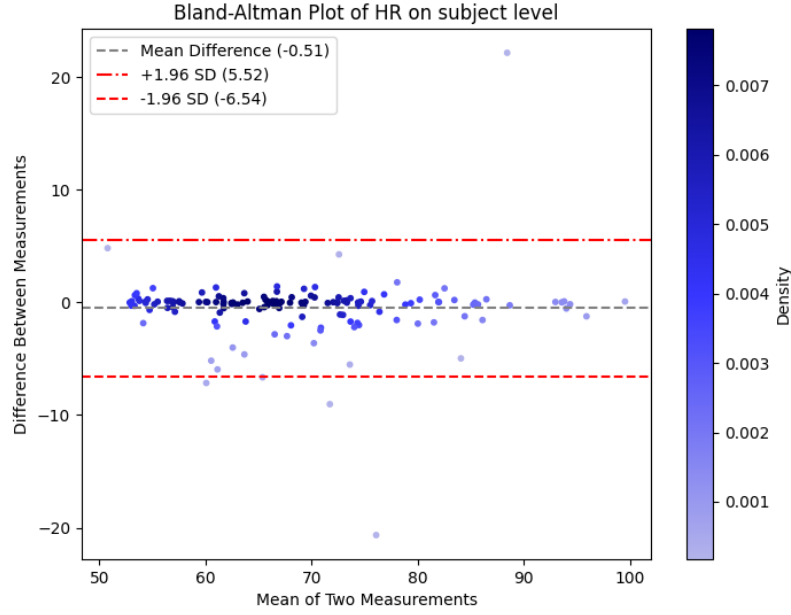


Figure 9: Bland-Altman plot of each subject's averaged HR prediction vs label measurements. Here one dot represents one subject.

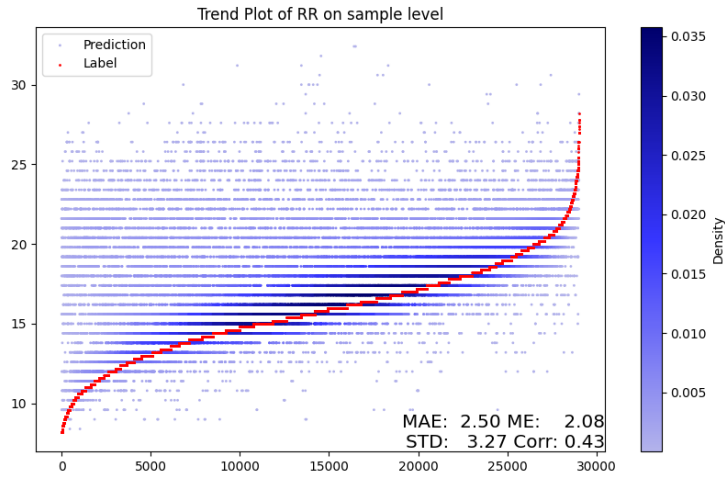


Figure 10: Trend Plot of RR on sample level.

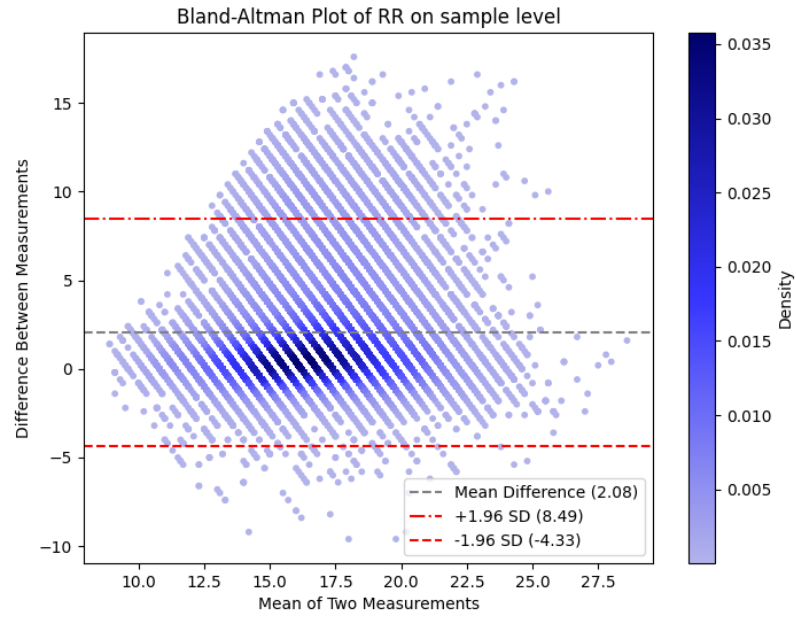


Figure 11: Bland-Altman plot of all subjects' RR prediction vs label measurements. Here one dot represents one measurement pair.

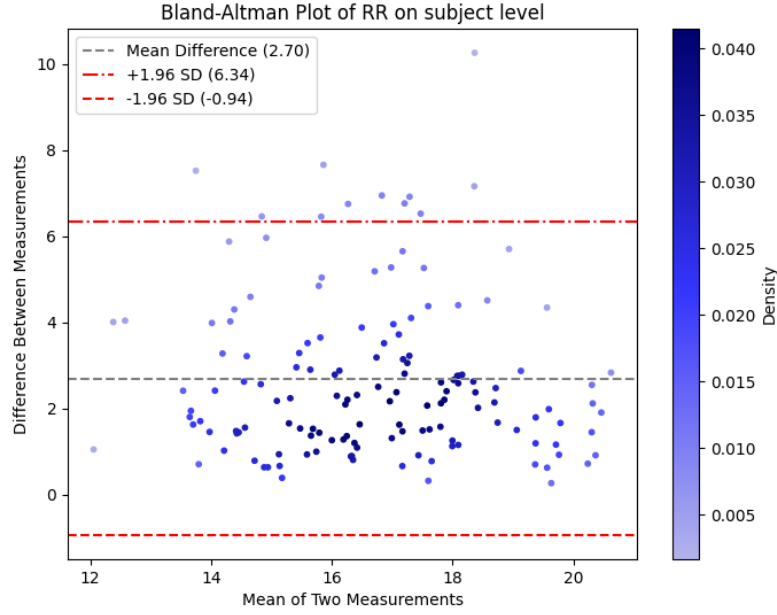


Figure 12: Bland-Altman plot of each subject's averaged RR prediction vs label measurements. Here one dot represents one subject.

\bar{x}_n	Maximum permissible standard deviation, s_{mv} , 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
$\pm 0,$	6,95	6,95	6,95	6,95	6,93	6,92	6,91	6,90	6,89	6,88
$\pm 1,$	6,87	6,86	6,84	6,82	6,80	6,78	6,76	6,73	6,71	6,68
$\pm 2,$	6,65	6,62	6,58	6,55	6,51	6,47	6,43	6,39	6,34	6,30
$\pm 3,$	6,25	6,20	6,14	6,09	6,03	5,97	5,89	5,83	5,77	5,70
$\pm 4,$	5,64	5,56	5,49	5,41	5,33	5,25	5,16	5,08	5,01	4,90
$\pm 5,$	4,79	—	—	—	—	—	—	—	—	—

EXAMPLE For mean of $\pm 4,2$ 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 on sample level	-3.40	6.06	7.44	0.88	Yes
SP on subject level	-4.15	4.52	4.52	0.97	Yes
DP on sample level	-2.84	4.74	5.64	0.90	Yes
DP on subject level	-2.83	3.20	2.47	0.98	Yes
HR on sample level	-0.31	1.95	7.44	0.81	Yes
HR on subject level	-0.51	1.27	3.08	0.96	Yes
RR on sample level	2.08	2.50	3.27	0.43	Yes
RR on subject level	2.70	2.70	1.86	0.61	Yes

Table 1: Prediction Results