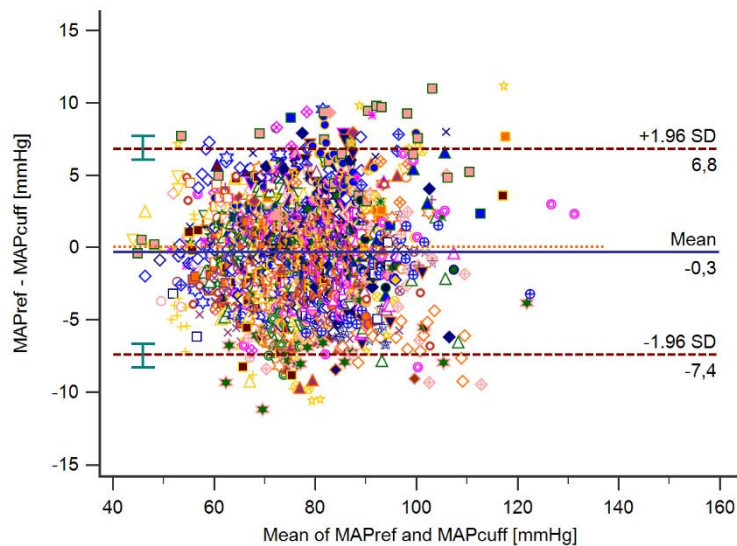
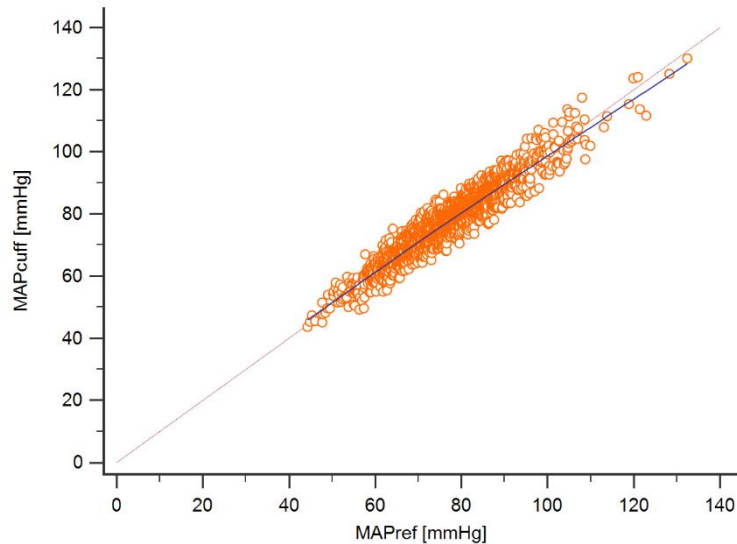


## Supplemental Digital Content 2 :

### Analyzes of paired measurements (n=1887) of MAP that had met the predefined quality criteria

Standard Mode: Analysis of 1887 paired measurements that passed the quality check:

Comparison of mean arterial pressure: We found a close relationship ( $r = 0.95$ ,  $P < 0.0001$ , 95% CI 0.95-0.96) and a very good agreement (mean  $\pm$  SD of the differences =  $-0.3 \pm 3.6$  mmHg) between mean AP values.



## Supplemental Digital Content 2 - 2

Fast Mode: Analysis of 1887 paired measurements that passed the quality check:

Comparison of mean arterial pressure: We found a close relationship ( $r = 0.94$ ,  $P < 0.001$ , 95% CI 0.93-0.95) and a very good agreement (mean  $\pm$  SD of the differences =  $-1.6 \pm 4.1$  mmHg) between mean AP values.

