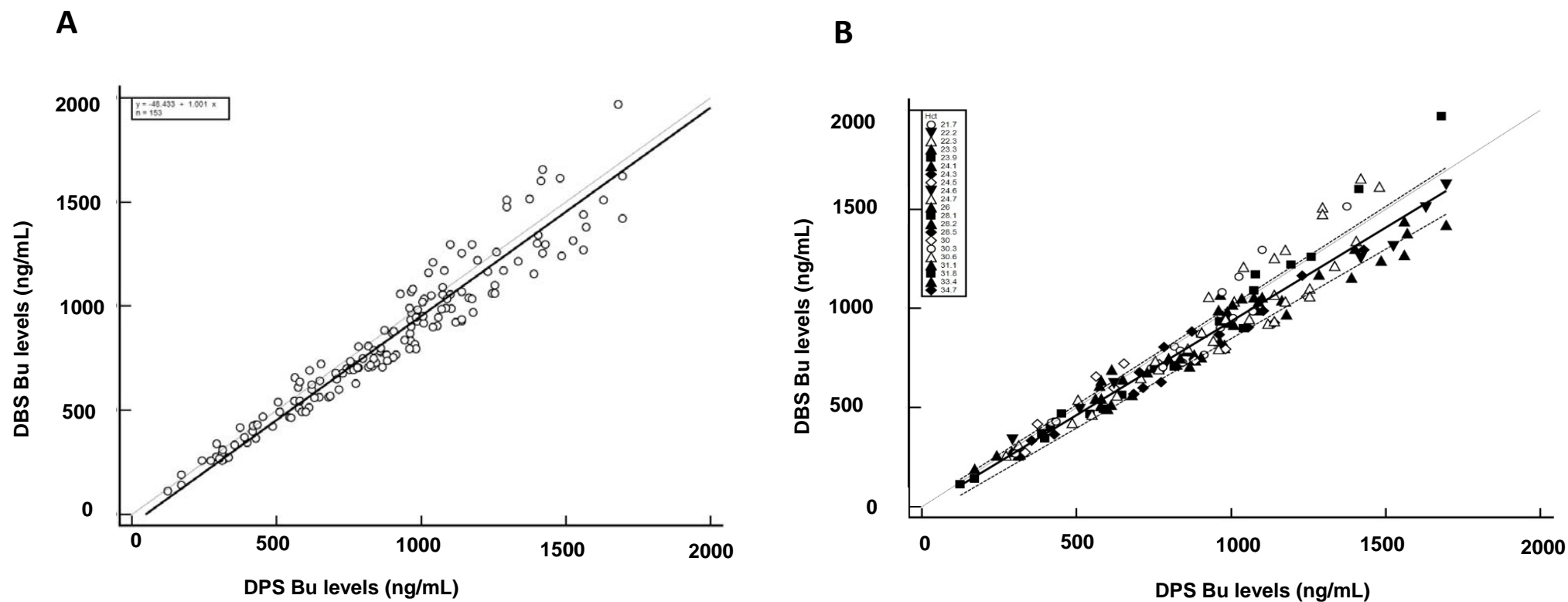


Supplementary table 1. Summary of the method agreement between DBS and DPS sampling for Bu measurement.

parameter	Passing –bablok regression			Deming regression		
	<i>Slope (95% CI)</i>	<i>Intercept (95% CI)</i>	<i>Spearman rank correlation coefficient (95%CI)</i>	<i>Slope (95%CI)</i>	<i>Intercept (95%CI)</i>	<i>Pearson correlation coefficient (95%CI)</i>
DPS Vs DBS Bu concentrations*	0.95 (0.90-1.00)	-10.4 (-52.6-15.3)	0.97(0.96-0.98)	1.00 (0.94-1.00)	-48.4 (-96.7-0.17)	0.96 (0.95-0.97)

*Passing-bablok regression was performed to test the influence of Hct and day of conditioning on the linear relation between DPS and DBS levels. Hematocrit and day of conditioning did not influence linear relationship between the DBS and DPS Bu levels within the paired samples analyzed in this study. CI: Confidence interval (Bootstrap confidence interval with 1000 iterations; random number seed 978). Deming regression was used to test the method agreement between DPS and DBS for Bu levels.

Supplementary Figure 1



Supplementary Figure 1. *In vivo* correlation of Bu levels measured by DBS and DPS sampling.

- A) Correlation of Bu levels measured by DBS Vs DPS sampling, please refer to the main text and supplementary table 1 for information of correlation coefficients and slopes with 95% confidence intervals.
- B) Linear relation between DBS and DPS sampling in relation to Hematocrit evaluated by passing –bablok regression.