

Supplemental Files

Table S1 Univariate fraction polynomial model regression showing change in SVI at discharge adjusted to 24 hours after randomisation

Unadjusted change in SVI at 24 hours			
Baseline factor	Coefficient	95% Confidence Interval	P value
Transfusion 20ml/kg	-2.00569	-6.617607 2.606226	0.386
Transfusion 30ml/kg	-6.851329	-11.60775 -2.094909	0.006
Age	0.0272625	-.0454348 .0999597	0.454
Sex	-1.315927	-5.441733 2.809879	0.524
HIV Status	-0.0988767	-3.538874 3.341121	0.954
Nutrition Status	-.680891	5.750749 4.388967	0.788
Blood transfusion before	2.888261	-4.720712 10.49723	0.449
Shock	2.832479	-1.238767 6.903724	0.168
Malaria	0.2081451	-4.647327 5.063617	0.932
Sickle cell	1.844398	-4.289729 7.978526	0.548
Haemoglobin	-0.9947377	-5.573571 3.584096	0.664
Heart Rate	.0266898	-.0770793 .1304588	0.607
Respiratory Rate	-.0042314	-.1496957 .141233	0.954
Axillary Temperature	1.296784	-4.773766 3.070944	0.148

Table S2. Multivariable fraction polynomial model regression showing change in COI at discharge adjusted to 24 hours after randomisation

Unadjusted COI at 24 hours				Adjusted change in COI at 24 hours		
Baseline factor	Coefficient	95% Confidence Interval	P value	Coefficient	95% Confidence Interval	P value = 0.05
Transfusion 20ml/kg	-1.111775	-1.789643 -0.4339071	0.002	-1.10038	-1.735448 -0.4653123	0.001
Transfusion 30ml/kg	-1.686967	-2.428762 -0.9451712	<1	-1.656731	-2.351992 -0.9614703	<1
Age	0.0031608	-0.0092854 0.015607	0.612			
Sex	-0.0053605	-0.7247954 0.7140744	0.988			
HIV Status	-0.0721009	-0.6634201 0.5192183	0.807			
Nutritional Status	-0.3540955	-1.255405 0.5472137	0.433			
Blood transfusion before	0.2379078	-1.06158 1.537395	0.714			
Shock	0.6000094	-0.0853675 1.285386	0.085			
Malaria	-0.7327595	-1.535144 0.0696248	0.072			
Sickle cell	0.8869196	-0.1438362 1.917675	0.090			
Haemoglobin	0.0903115	-0.7020528 0.8826758	0.820			
Heart Rate	0.0066871	-0.0123005 0.0256747	0.482			
Respiratory Rate	0.0021511	-0.0250559 0.0293581	0.874			
Axillary Temperature	0.3364933	0.0424399 0.6305467	0.026	0.317362	0.0813357 0.5533883 (0.010)	

