

**Supplementary Table 1. Correlations between absolute perihematoma oedema (aPHO) volume and cerebral blood volume (CBV) within and around the haematoma at different time-points.**

	aPHO T0		aPHO T1		aPHO T7	
	Rho	P	Rho	P	Rho	P
HC CBV	-0.180	0.027	-0.078	0.343	-0.275	0.001
PR CBV	-0.254	0.002	-0.301	<0.001	-0.279	0.001
NA CBV	0.057	0.489	0.012	0.886	0.046	0.575
$\Delta$ CBV NA-PR	0.094	0.252	0.039	0.632	0.247	0.002
$\Delta$ CBV PR-HC	-0.162	0.047	-0.225	0.006	-0.245	0.003

Rho, Spearman Rank Correlation; T0, admission; T1, 24 hours after bleeding; T7, 7 days after bleeding; HC, haemorrhagic core; PR, perihematoma rim; NA, normal appearing brain tissue; CO, contralateral hemisphere;  $\Delta$ CBV NA-PR, absolute changes in CBV from NA to PR;  $\Delta$ CBV PR-HC, absolute changes in CBV from PR to HC.

**Supplementary Table 2. Correlations between absolute perihematoma oedema (aPHO) volume and mean transit time (MTT) within and around the haematoma at different time-points.**

	aPHO T0		aPHO T1		aPHO T7	
	Rho	P	Rho	P	Rho	P
HC MTT	MTT HC	0.135	0.100	0.091	0.269	0.038
PR MTT	MTT PR	0.247	0.002	0.307	<0.001	0.314
NA MTT	MTT NP	0.105	0.202	0.137	0.094	0.234
$\Delta$ MTT NA-PR	$\Delta$ MTT NP - PR	-0.180	0.027	-0.181	0.027	-0.103
$\Delta$ CMTT PR-HC	$\Delta$ MTT PR - HC	0.080	0.328	0.153	0.061	0.124

Rho, Spearman Rank Correlation; T0, admission; T1, 24 hours after bleeding; T7, 7 days after bleeding; HC, haemorrhagic core; PR, perihematoma rim; NA, normal appearing brain tissue; CO, contralateral hemisphere;  $\Delta$ CBV NA-PR, absolute changes in CBV from NA to PR;  $\Delta$ CBV PR-HC, absolute changes in CBV from PR to HC.

