S1 Table. *Formulary*

Full name	Abbrev.	Unit	Formula	Explanation
Area (stereology)	TRA, VPA	[mm^2]	$\text{Area} = N_p * \left(\frac{\text{area}}{\text{point}}\right)$	*Where N_p is the number of points obtained by counting, area/point= the applied size of the grid (point associated area) dL= distance between grid lines.*
Length (stereology)	CL	[m]	$Length = N_p * \frac{\pi}{2} * dL$	
Vessel Area Density	VAD	[%]	$\text{VAD} = \frac{\text{VPA}}{\text{TRA}} * 100$	
Average Vessel Diameter	D	[µm]	$\text{d} = \frac{2 * \text{VPA}}{\text{CL}}$	*Assumptions that vessels are round structures and the diameter of a vessel is smaller than its length.*
Vascular Exchange Surface	VES	[μm^2]	$\text{VES} = \pi * \text{VPA}$	*We assessed the vascular exchange surface, as the area of the outer surface of the vasculature. Assumption that vessels are cylindric structures.*