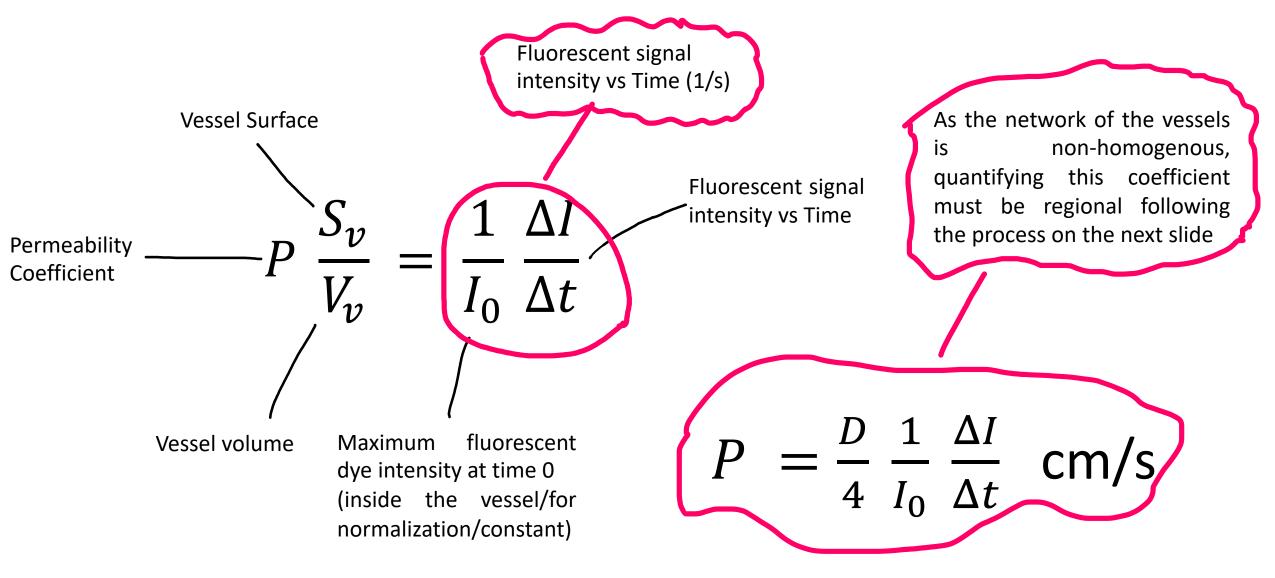


Permeability coefficient through vessel wall (cylindrical structure)



Soheila's manual method to calculate the permeability coefficient

ROI1

D/2 (cm) 0.0019

Slope (ΔI/Δt) 4.20 (using Fiji and based on the mean fluorescent intensity of the region inside the ROI1 polygonal vs time)

I₀ 746

P (cm/s) 1.07e-5

The same process to be applied for the other regions of interest (min. 4 regions) and the average to be considered as the permeability coefficient.

