vascular	number of all	number of	diameter of	diameter of
${\it tree}$	vessel segments	terminal segments	the root segment	terminal segments
portal	36 739	19 777	8.4 mm	$\approx 10^{-4}  \mathrm{mm}$
hepatic	37 133	19 769	$5.8\mathrm{mm}$	$\approx 1.4 \times 10^{-4} \mathrm{mm}$