



**Supplemental Figure 1. Bifurcation points analysis of E8.5 mouse embryo brain blood vessels**

TG/+ blood vessels (B) showed more bifurcation (white dots) (\*\* $P < 0.01$ ,  $n = 3$ ) in the peripheral part of E8.5 brain than those of wild type littermate (A). C. Statistical analysis of bifurcation points. The vertical axis represents the number of bifurcation per arbitrary field. Bar = 50  $\mu\text{m}$