Supplemental Figure 1. Impact of intravitreal injection of ROCK inhibitors on the retinal avascular area and neovascular area in OIR model. Vehicle, ripasudil or fasudil which was dissolved with 0.1 ml intraocular irrigating solution (Opeguard-MA, Senju Pharmaceutical, Osaka, Japan) at final intravitreal concentration of 0 (vehicle), 30 μmol/L were injected intravitreally to P12 just before exposed to the hyperoxygen atmosphere and also to P15. Eyes were
enucleated at P17. (A) Representative images of a flat-mounted OIR retina with intravitreal treatment of vehicle, ripasudil or fasudil (P17). Arrows indicate retinal neovascularization. Gray areas indicate avascular area. (B, C) Quantitation of avascular area (B) or neovascular area (C) with vehicle, ripasudil or fasudil intravitreal treatment (P17) \((n=9-12)\). Values are means ± SEM; \(*P < 0.05\).