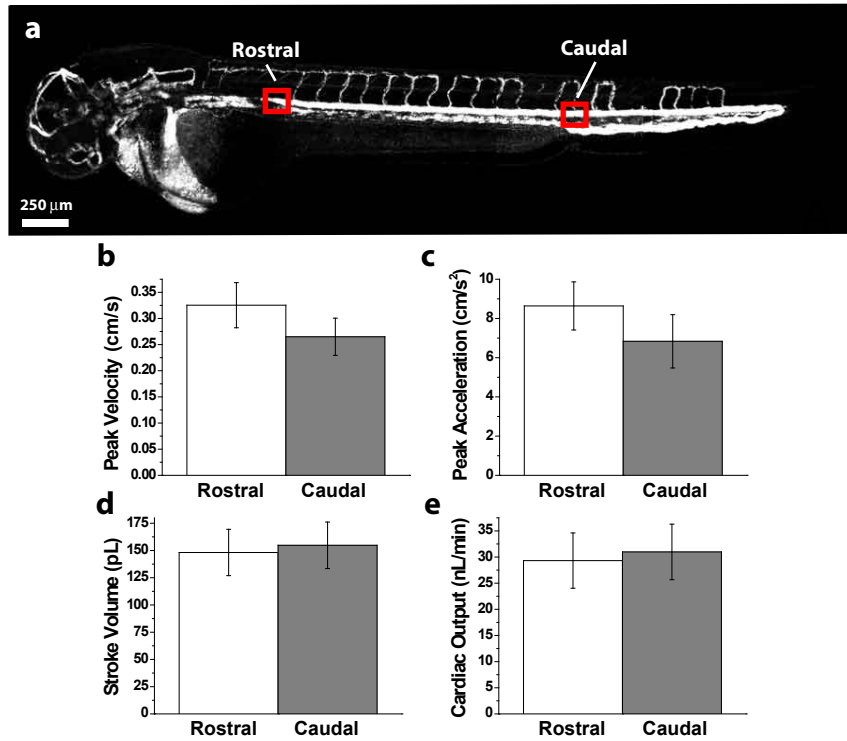




Supplementary Figure 1: Comparison of cardiac performance measurements obtained at a rostral and caudal position along the dorsal aorta of a 48 hpf embryo. a) In silico microangiogram of a 48 hpf zebrafish embryo showing the location of two scan lines used to acquire velocimetry data from a rostral and caudal location along the dorsal aorta. b-e) Peak velocity (b), peak acceleration (c), stroke volume (d), and cardiac output (e) obtained from rostral and caudal scan lines. Error bars represent the SEM, $n=3$.