



Supplemental Figure 1: Perfusion studies examining the effect of post-mortem time on the flow-pressure relationship (A) and outflow facility (B) in five additional pairs of eyes. Panel A: One eye of each pair was perfused immediately after death (filled symbols), while the fellow eye was perfused after enucleation and 3 hours of storage in PBS at 4°C (open symbols),

mimicking the storage conditions used in this study. The perfusion was done at room temperature (RT) with Dulbecco's PBS + 5.5 mM glucose. Both eyes were covered with moist tissue paper but otherwise exposed to RT air. The flow-pressure relationship was nearly identical in both cases, suggesting negligible post-mortem changes in outflow facility over 3 hours. Error bars are SD. Panel B: The slope of the flow-pressure relationship (outflow facility, C) for the individual pairs comprising the data shown in Panel A. The facility values cluster around the unity line (dashes), demonstrating that facility is correlated between paired contralateral eyes within 3 hours post-mortem ($R^2 = 0.79$).