



Figure S1. The average differences in f_v (Δf_v) between normoxia and hypoxia, and normoxia and recovery in wildtype, $Hif-1B^{-/-}$, $Hif-1A^{-/-}$ and $Hif-1A^{-/-}B^{-/-}$ larval zebrafish (data based on Figure 1). Panels A-D are larvae at 4 days post fertilization (dpf), panels E-H are larvae at 7 dpf, panels I-L are larvae at 10 dpf and panels M-P are larvae at 15 dpf. Panels A, E, I, M are wildtype larvae, panels B, F, J, N are $Hif-1B^{-/-}$ larvae, panels C, G, K, O are $Hif-1A^{-/-}$ larvae, and panels D, H, L, P are $Hif-1A^{-/-}B^{-/-}$ larvae. Estimates are presented with 95% credible interval based on Bayesian analysis. Data are significant if the 95% CI do not intersect zero (dotted horizontal line).