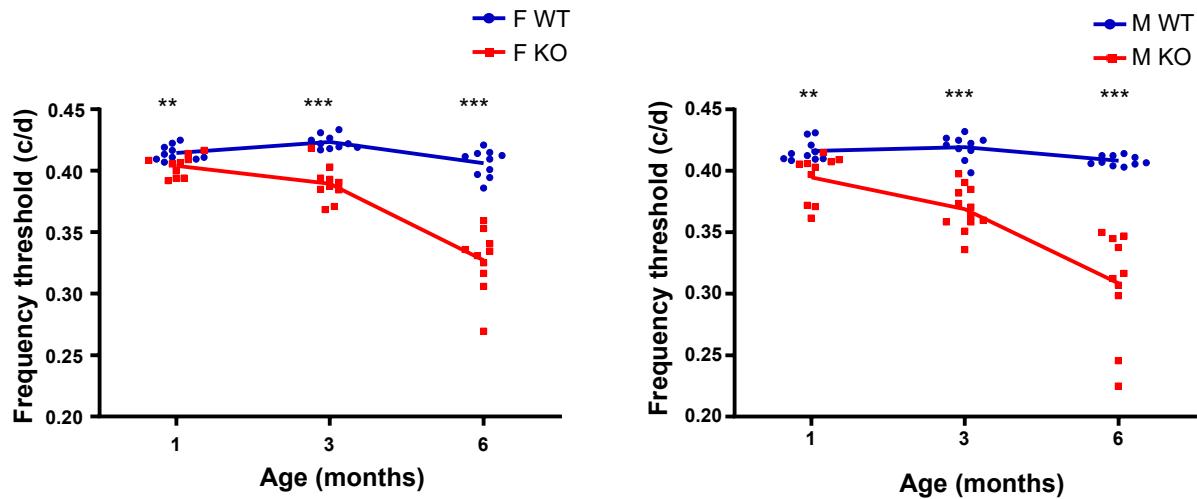
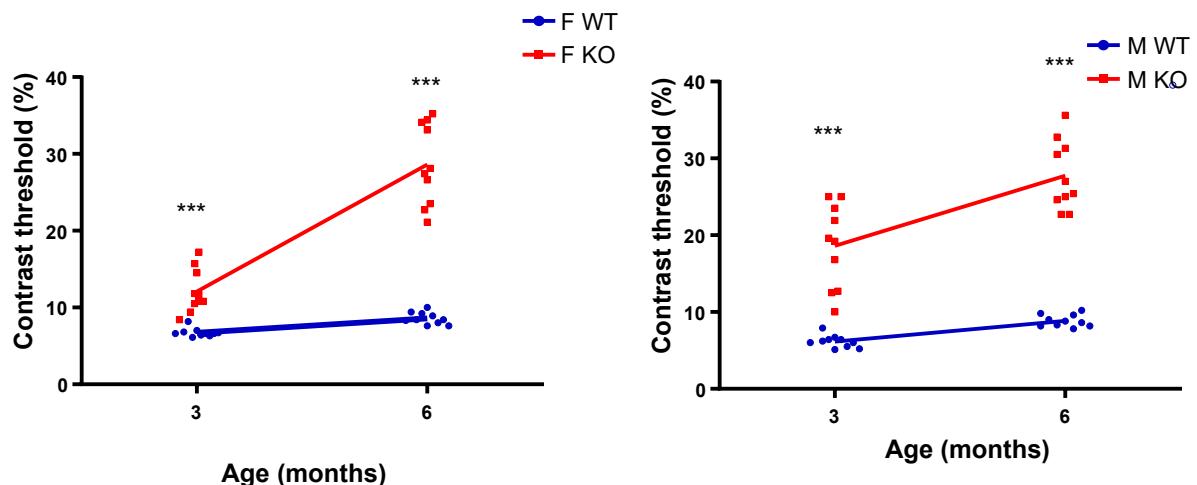


A**B**

Supplementary Figure 1.

Optomotor reflex in females and males of *Wfs1* WT and KO mice. OMR was measured separately for females (top) and males (bottom) in photopic conditions at 1, 3 and 6-month-old, as a response to grating in horizontal motion at 2 rpm. (A) Spatial frequency thresholds were measured with 100% contrast for visual acuity. (B) Contrast thresholds were measured with constant 0.031 c/d frequency. Results for both eyes are shown as mean \pm SEM for WT (in blue) and KO (in red) mice; $n = 10$. Significance is indicated **= $p < 0.01$, ***= $p < 0.001$. The SEM bars are often too small to be visible. c/d: cycles per degree, F: female, M: male.