

Appendix – 12-month test-retest analysis of MOFO mfERG in SV group

The DC and IC amplitudes of Ring 1 to Ring 5 were compared between baseline and at 12-month measurements of children in SV group, who only received single vision spectacle lens as treatment.

Mixed ANOVA (i.e., retinal eccentricity, DC vs. IC, measurement timepoint) revealed significant effect from eccentricity ($p < 0.001$) and DC vs. IC ($p = 0.045$). However, no significant effect was observed from measurement timepoint (baseline vs. 12-month, $p = 0.38$), nor any significant interaction effect existed.

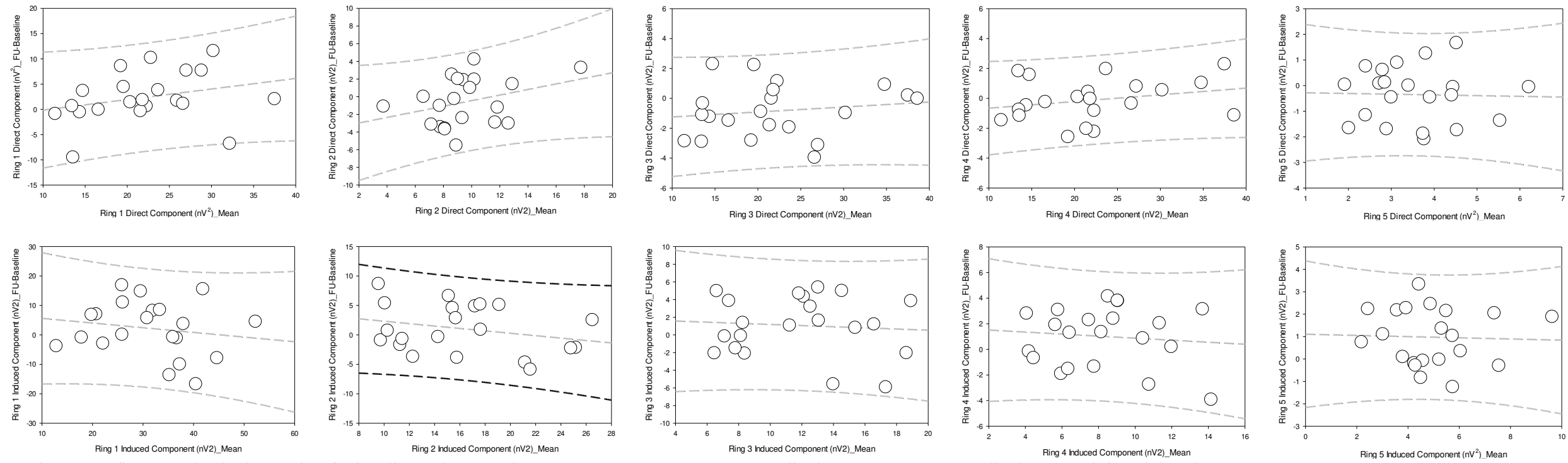
The correlation matrix [R(p)] between baseline and 12-month measurements is shown in Supplementary tables 1 and 2. The Bland-Altman plots for baseline vs. 12-month measurements are shown in Supplementary figure 1.

Supplementary table 1. Correlation matrix between baseline and 12-month measurements of DC amplitudes.

		Baseline				
		Ring 1 DC	Ring 2 DC	Ring 3 DC	Ring 4 DC	Ring 5 DC
12-month	Ring 1 DC	0.77 (<0.001)				
	Ring 2 DC		0.65 (0.001)			
	Ring 3 DC			0.66 (0.001)		
	Ring 4 DC				0.60 (0.004)	
	Ring 5 DC					0.62 (0.003)

Supplementary table 2. Correlation matrix between baseline and 12-month measurements of IC amplitudes.

		Baseline				
		Ring 1 IC	Ring 2 IC	Ring 3 IC	Ring 4 IC	Ring 5 IC
12-month	Ring 1 IC	0.64 (0.002)				
	Ring 2 IC		0.75 (<0.001)			
	Ring 3 IC			0.71 (<0.001)		
	Ring 4 IC				0.74 (<0.001)	
	Ring 5 IC					0.77 (<0.001)



Supplementary figure 1. Bland-Altman plots for baseline and 12-month measurements. Upper row: DC amplitudes; Lower row: IC amplitudes; From left to right: Rings 1 to 5.