

Supplementary Material

1 Supplementary Figures and Tables

	Diagnosis	Min	Max	Median	Mean	SD	pvalue
TOT	Cerebral VI	12.1	76.1	28.2	32.2	22.0	0.0010
	Oculo-Motor VI	13.0	53.5	23.7	26.8	11.3	
	Peripheral VI	10.6	73.9	35.9	40.3	13.9	
OVA	Cerebral VI	9.2	71.6	37.6	36.5	19.8	<0.0001
	Oculo-Motor VI	9.2	48.9	24.8	24.3	13.1	
	Peripheral VI	20.6	77.3	44.7	46.3	14.3	
PVA	Cerebral VI	3.9	88.5	16.3	31.8	32.1	0.0072
	Oculo-Motor VI	3.4	74.3	13.4	24.6	24.5	
	Peripheral VI	6.6	89.3	34.0	37.1	18.8	
OMA	Cerebral VI	20.2	67.1	36.9	40.0	13.9	0.0008
	Oculo-Motor VI	22.6	63.6	37.5	39.6	12.1	
	Peripheral VI	12.9	69.4	48.7	50.0	13.8	

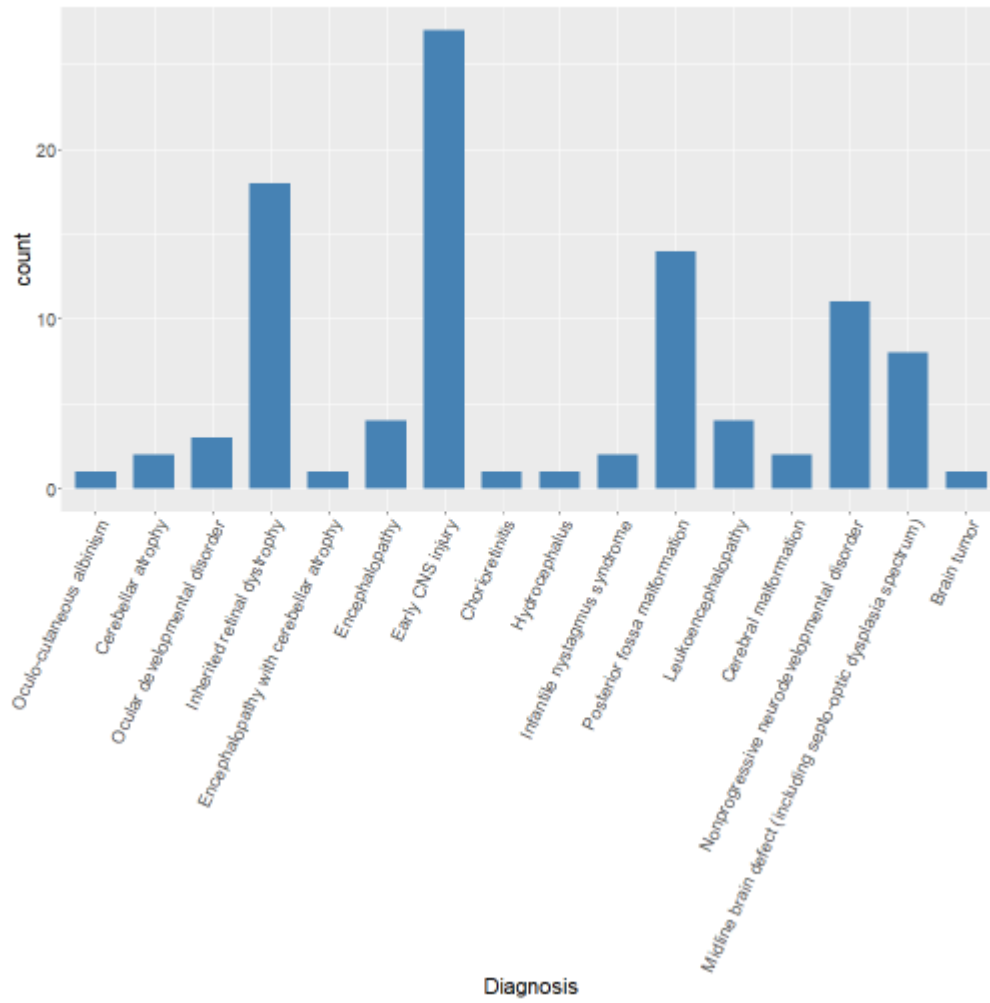
Supplementary Table 1: Total score and subscores according to first diagnostic criterion. OVA: Ocular-Visual Aspects; PVA: Perceptual Visual Aspects; OMA: Oculo-Motor Aspects; VI: Visual Impairment.

	Diagnosis	Min	Max	Median	Mean	SD	pvalue
TOT	Central VI	12.1	76.1	27.5	32.4	18.6	0.0005
	Peripheral VI	10.62	73.9	36.7	40.6	14.0	
OVA	Central VI	9.2	71.6	31.9	33.0	18.1	0.0003
	Peripheral VI	20.6	77.3	43.3	46.4	14.7	
PVA	Central VI	3.4	88.5	16.0	29.2	29.2	0.0013
	Peripheral VI	6.6	89.3	34.3	37.6	18.0	
OMA	Central VI	20.2	67.1	37.3	40.6	13.4	0.0004
	Peripheral VI	12.9	69.4	48.7	50.1	13.9	

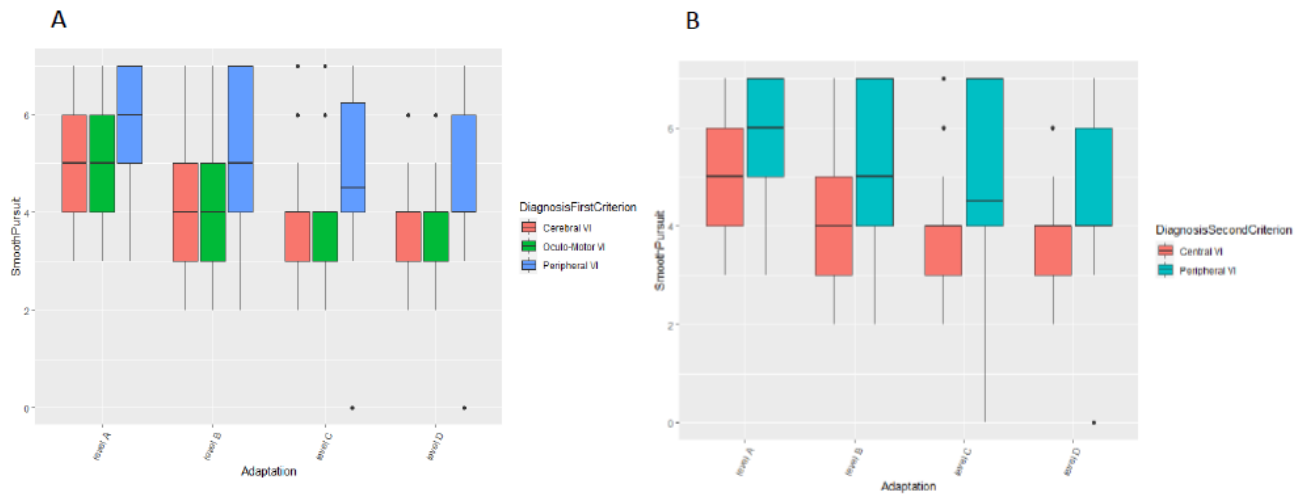
Supplementary Table 2: Total score and subscores according to second diagnostic criterion. OVA: Ocular-Visual Aspects; PVA: Perceptual Visual Aspects; OMA: Oculo-Motor Aspects; VI: Visual Impairment.

	Diagnosis	Min	Max	Median	Mean	SD	pvalue
TOT	hemiplegia	12.1	40.6	22.9	23.4	11.9	0.0002
	diplegia	15.0	28.0	17.3	19.8	5.0	
	quadriplegia	28.3	76.1	68.5	57.3	20.6	
	cerebellar syndrome	13.0	39.5	26.3	25.6	7.9	
OVA	hemiplegia	9.2	60.3	14.9	27.4	21.4	0.0004
	diplegia	9.2	37.6	20.6	21.1	8.6	
	quadriplegia	37.6	71.6	54.6	54.0	11.2	
	cerebellar syndrome	9.2	48.9	31.9	27.1	14.1	
PVA	hemiplegia	3.9	41.6	11.2	15.8	15.2	0.0002
	diplegia	4.6	16.1	6.8	9.2	5.0	
	quadriplegia	18.7	88.5	85.4	62.9	31.5	
	cerebellar syndrome	3.4	70.4	13.4	18.9	16.8	
OMA	hemiplegia	20.2	40.4	36.7	31.1	9.6	0.0015
	diplegia	24.4	41.3	30.1	30.9	5.4	
	quadriplegia	36.7	67.1	54.0	52.4	12.0	
	cerebellar syndrome	22.6	62.4	38.2	40.2	12.0	

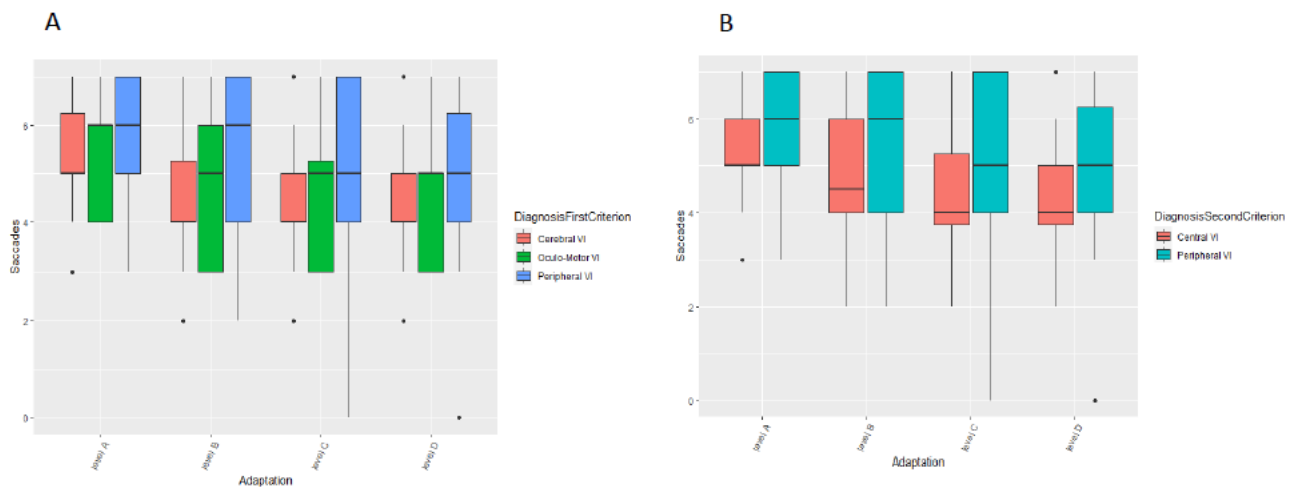
Supplementary Table 3: Total score and subscores in relation to neuromotor deficit. OVA: Ocular-Visual Aspects; PVA: Perceptual Visual Aspects; OMA: Oculo-Motor Aspects.



Supplementary Figure 1. Diagnosis distribution in the total sample of the study.



Supplementary Figure 2: The role of compensation strategies and environmental adaptations on Smooth Pursuit according to the first (A) and second (B) criterion. VI: Visual Impairment.



Supplementary Figure 3: The role of compensation strategies and environmental adaptations on Saccades according to the first (A) and second (B) criterion. VI: Visual Impairment