

	<b>Abbreviations</b>	<b>UoM</b>	<b>Definition</b>	<b>ANS branch</b>
<b>Baseline Pupil Diameter</b>	BPD	mm	Maximum pupillary diameter at baseline, before the light stimulus	Both
<b>Minimum Pupil Diameter</b>	MIN	mm	Pupillary diameter at peak constriction	Parasympathetic
<b>Reflex Latency</b>	LAT	s	Time delay between the light stimulus and the onset of pupillary constriction	Parasympathetic
<b>Average Constriction Velocity</b>	CV	mm/s	Average velocity of the pupil constriction	Parasympathetic
<b>Maximum Constriction Velocity</b>	MCV	mm/s	Maximum velocity of the pupil constriction	Parasympathetic
<b>%Change – Percentage of Constriction</b>	CH	%	Obtained by applying the sequent formula: (Size -MIN)/Size*100	Parasympathetic
<b>Dilation Velocity</b>	DV	mm/s	Average velocity of the pupil dilation	Both, mostly sympathetic
<b>Neurological Pupil Index</b>	NPi	N/A	A composite measure obtained by the combination of all the aforementioned parameters	Both

**Table S1** A descriptive table reassuming the parameters collected by NPi-200® (NeuroOptics, Irvine, CA, USA). Abbreviations: UoM, Unit of Measurement; ANS, Autonomic Nervous System