

S3 Appendix. Results of convergent validity, divergent validity, test-retest reliability and the relation with participation in daily life for the data without SVC zero scores.

Table 1. Convergent validity of the SVC with the CVC-q and the NEI-VFQ-25.

	SVC total score	1. Diminished visual perception	2. Altered visual perception	3. Ocular discomfort
CVC-q total score	0.81*	0.80*	0.47	0.21
NEI-VFQ-25 ^a – total score	-0.68*	-0.64*	-0.37	-0.32
General health ^b	-0.32	-0.30	-0.22	-0.14
General vision ^b	-0.53*	-0.52*	-0.34	-0.16
Near activities	-0.53*	-0.55*	-0.27	-0.13
Distance activities	-0.54*	-0.52*	-0.32	-0.22
Driving	-0.41	-0.42	-0.18	-0.14
Peripheral vision ^c	-0.41	-0.38	-0.31	-0.17
Color vision ^c	-0.21	-0.20	-0.19	-0.06 ^d
Ocular pain ^b	-0.43	-0.32	-0.23	-0.56*
Role difficulties	-0.49	-0.48	-0.27	-0.15
Dependency	-0.30	-0.28	-0.25	-0.15
Social functioning	-0.34	-0.32	-0.31	-0.10
Mental health	-0.53*	-0.52*	-0.33	-0.18

All p-values <0.001 (except for ^d, p=0.053)

SVC, Screening of Visual Complaints questionnaire; CVC-q, Cerebral Visual Complaints questionnaire; NEI-VFQ-25, National Eye Institute Visual Function Questionnaire-25

^a In contrast to the SVC and the CVC-q, a higher score on the NEI-VFQ-25 questionnaire indicates better visual function; ^b Subscale composed of two items; ^c Subscale composed of a single item

* Correlations of high strength according to Cohen's criteria

Table 2. Divergent validity of the SVC with the BRIEF-A, the FEDA, the DASS-21 and the SIMS.

	SVC total score	1. Diminished visual perception	2. Altered visual perception	3. Ocular discomfort
BRIEF-A – total score	0.26 [#]	0.23 [#]	0.22 [#]	0.09 ^{#,a}
Metacognition	0.24 [#]	0.21 [#]	0.19 [#]	0.09 ^{#,b}
Behavioral regulation	0.25 [#]	0.21 [#]	0.21 [#]	0.08 ^{#,c}
FEDA	0.38	0.35	0.29 [#]	0.15 [#]
DASS-21 – total score	0.31	0.26 [#]	0.26 [#]	0.16 [#]
Depression	0.23 [#]	0.20 [#]	0.21 [#]	0.09 [#]
Anxiety	0.33	0.26 [#]	0.27 [#]	0.24 [#]
Stress	0.23 [#]	0.20 [#]	0.20 [#]	0.14 [#]

SIMS 0.27# 0.24# 0.22# 0.19#

All p-values <0.001 (except for ^a, p=0.002; ^b, p=0.004; ^c, p=0.005)

SVC, Screening of Visual Complaints questionnaire; BRIEF-A, Behavior Rating Inventory of Executive Function-Adults; FEDA, Questionnaire for Experiences of Attention Deficits (*Fragebogen erlebter Defizite der Aufmerksamkeit*); DASS-21, Depression Anxiety Stress Scale–21; SIMS, Structured Inventory for Malingered Symptomatology

Correlations of low strength according to Cohen's criteria

Table 3. Internal consistency of the SVC

Factor	Number of items	Cronbach's alpha [CI]
1. Diminished visual perception	11	0.80 [0.79-0.82]
2. Altered visual perception	6	0.61 [0.57-0.64]
3. Ocular discomfort	2	0.46 [0.40-0.52]
SVC Total	19	0.82 [0.81-0.84]

CI= Confidence Interval

Table 4. Test-retest reliability of the SVC

Factor	Number of items	ICC [CI]
1. Diminished visual perception	11	0.80 [0.69-0.88]
2. Altered visual perception	6	0.75 [0.60-0.84]
3. Ocular discomfort	2	0.62 [0.43-0.76]
SVC Total	19	0.77 [0.63-0.86]

ICC = Intraclass correlation coefficient; CI= Confidence Interval

The weighted Kappa coefficient for item 21 of limitations in daily life was 0.65.

Table 5. Relation of the SVC with self-related limitation in daily life and the USER

	SVC total score
SVC limitations in daily life	0.63**
USER subscale frequency	-0.04
USER subscale satisfaction	-0.19**

SVC, Screening of Visual Complaints questionnaire; USER, Utrecht Scale for Evaluation of Rehabilitation-Participation

** p<0.001