

# Spinal Cord Lesion-related Coping Strategies Questionnaire (SCL-CSQ)

## Assessment Overview

### Assessment Area

**ICF Domain:**

Body Function

**Subcategory:**

General Functions

**Subscales (domains):**

Acceptance of Injury

Social Reliance

Fighting Spirit

### You Will Need

**Length:**

12 items

**Scoring:**

Participants are asked to answer each question on a 4-point Likert scale (1 = strongly disagree, 2 = disagree, 3 = agree, 4 = strongly agree).

Domain scores are summed and then averaged. Scores range between 1 and 4 for each domain.

### Summary

The Spinal Cord Lesion-related Coping Strategies Questionnaire (SCL-CSQ) is a self-report scale developed to assess coping efforts after a sudden onset SCI. The SCL-CSQ is made up of 3 domains: Acceptance of Injury, Social Reliance, and Fighting Spirit.

The scale was originally developed for the SCI population.

### Availability

Available for free here: [http://scire-nexcess.developmentwebsite.ca/wp-content/uploads/2022/04/worksheet\\_scl-cs.pdf](http://scire-nexcess.developmentwebsite.ca/wp-content/uploads/2022/04/worksheet_scl-cs.pdf)

**Languages:** English, Swedish, Turkish, Persian, Spanish

## Assessment Interpretability

### Minimal Clinically Important Difference

Not established in SCI

### Statistical Error

Not established in SCI

### Typical Values

**Mean Subscale Scores (SD):**

Acceptance of Injury: 3.19 (0.65)

Fighting Spirit: 3.35 (0.47)

(Elfstrom et al. 2007; N=355, 279 male, mixed injury types, mean age=49, mean age at lesion=27.8)

## Measurement Properties

### Validity $\square$ **Low to Moderate**

#### **Low to Moderate** correlation with Hospital Anxiety and Depressions Scale (HADS):

$r = 0.40-0.58$

(Elfstrom et al. 2007; N=355, 279 male, mixed injury types, mean age=49, mean age at lesion=27.8)

$r = -0.30$  to  $-0.44$

(Iranian ver.; Saffari et al. 2015; N=220, 164 male, mean time since injury=50.96 months)

#### **Low to Moderate** correlation with Spinal Cord Independence Measure (SCIM-III):

$r = 0.16-0.33$

#### **Low to Moderate** correlation with Community Integration Questionnaire (CIQ):

$r = 0.27-0.33$

(Iranian ver.; Saffari et al. 2015; N=220, 164 male, mixed injury types, mean time since injury=50.96 months)

#### **Low to Moderate** correlation with Depression, Anxiety and Stress Scale $\square$ short version (DASS-21):

Acceptance and Depression:  $\rho = -0.45$

Acceptance and Anxiety:  $\rho = -0.24$

Acceptance and Subjective QOL:  $\rho = 0.55$

(Migliorini et al. 2008; N=443, male = 345; The mean time since injury was 19.20 years (range 1-66 years))

**Number of studies reporting validity data: 4**

### Reliability $\square$ **Low to High**

#### **Moderate to High** Test-retest Reliability:

ICC = 0.74-0.89

(Iranian ver.; Saffari et al. 2015; N=220, 164 male, mixed injury types, mean time since injury=50.96 months)

#### **Low to High** Internal Consistency:

$\alpha = 0.69-0.76$

(Spanish ver. subscales; Saur $\square$ et al. 2014; N=511, 375 male, mixed injury types, mean (SD) time since injury = 15.44 (10.00))

$\alpha = 0.68-0.88$

(ver.; Saffari et al. 2015; N=220, 164 male, mixed injury types, mean time since injury=50.96 months)

$\alpha = 0.67-0.81$

(Paker et al. 2014; N=100, 74 male, Mean age 40.83 years; time since injury: 28.47 months)

**Number of studies reporting reliability data: 5**

## Responsiveness

#### Floor/Ceiling Effect:

Not established in SCI

#### Effect Size:

Not established in SCI

#### Number of studies reporting

responsiveness data: 0