

Reviewer ID: John Zhu, Jeremy Mak, Joanne Chi			
Type of Outcome Measure: SCI Exercise Self-Efficacy Scale (ESES)			Total articles: 3
Author ID Year	Study Design	Setting	Population (sample size, age) and Group
Kroll et al. 2007	Cross-sectional methodological study ¹	Individuals were recruited with the support of the National Spinal Cord Injury Association, local chapters of the organization, the National Rehabilitation Hospital in Washington, DC, and the Independent Living Research Utilization in Houston, Texas.	Internal consistency study N=368 Male=60.1% Female=39.1% Mean age=46.29 Incomplete SCI=53.3% Construct validity study N=53 Male=58.5% Mean age=45.64 Incomplete SCI=52.8%
Fliess-Douer et al 2013	Cross-sectional methodological study	Beijing Paralympics	N=79, 49 male Mean age 33, SD=8.18 Mean time participating in Paralympic games: 10 yrs, SD=5.5 Elite Paralympic athletes 64 paraplegic, 15 tetraplegic 46 complete, 25 incomplete
Nooijen et al 2013	Validation of the Dutch version of ESES		N=53, 44 male Mean age 51.5, SD=12.3 Mean time since SCI = 107.2 mth, SD=122.3 Paraplegic/Tetraplegic: 33/20 Complete/Incomplete: 34/19 Traumatic/Nontraumatic: 40/13 Individuals from Rijndam Rehabilitation Centre in Rotterdam and from the Dutch Spinal Cord Injury Association

1. RELIABILITY

Author ID	Internal Consistency	Test-retest, Inter-rater, Intra-rater
Kroll et al. 2007	ESES items Cronbach's α Large sample (n=368)=0.93 Small sample (n=53)=0.87	As an alternative to test-retest, split-half internal consistency testing was employed to determine reliability. The reliability of the 10-item scale was 0.8836 (Equal-Length Spearman-Brown, n=366). The correlation between the two halves was 0.7915.
Fliess-Douer et al. 2013	Cronbach's alpha = 0.809	

Nooijen et al. 2013	Cronbach's alpha = 0.88-0.90	2 week test-retest ICC = 0.81 (95%CI=0.71~0.89)	
2. VALIDITY			
Author ID	Validity		
Kroll et al. 2007	The cognitive interviews, public and expert reviews indicated a good fit of the scale with the concept of self efficacy in relationship to exercise and physical activity. Correlation with Generalised Self Efficacy Scale (GSE) Spearman's Rho=0.316; P<.05; n=53, 2-sided		
Fliess- Validity was supported by significant correlations between SWEM and ESES total scores (r = 0.64, p < 0.05), and Douer et al. 2013 between SEWM and WM VAS scores (r = 0.60; p < 0.001)			
3. RESPONSIVENESS – no data available			
4. FLOOR/CEILING EFFECT			
Author ID	Floor/ceiling effect		
Nooijen et al. 2013	Neither was noted, but distribution is negatively skewed		
5. INTERPRETABILITY			
Author ID	Interpretability		
Kroll et al. 2007	ESES Items:	Mean (SD)	ESES score:
	1	3.2582 (.8027)	
	2	3.3533 (.8450)	
	3	3.1739 (.8268)	
	4	3.1359 (.8073)	
	5	2.8152 (.8881)	
	6	2.9918 (.9116)	
	7	3.2092 (.9666)	
	8	3.2989 (.9470)	
	9	3.2880 (.8912)	
	10	3.2446 (.9367)	