









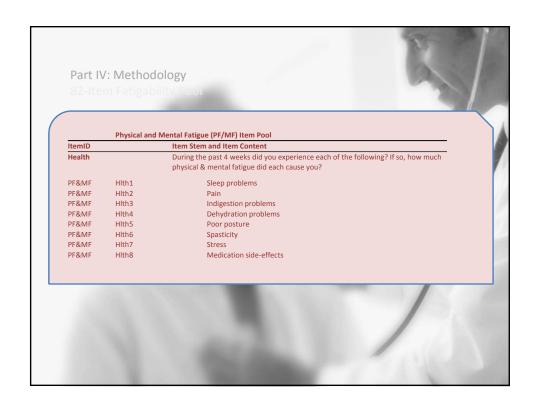


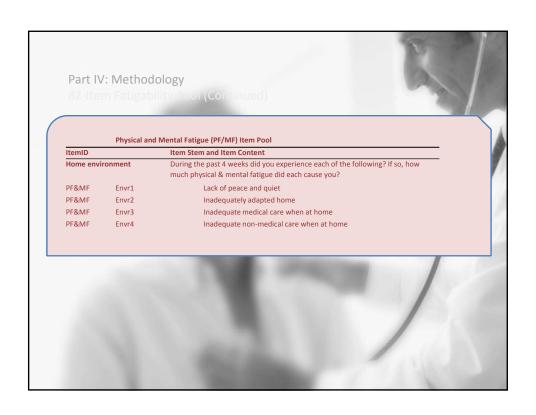


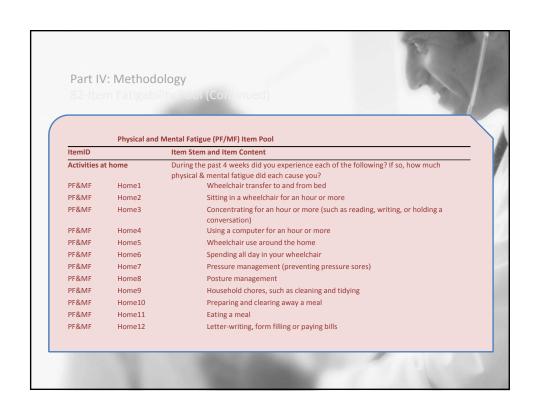
## Part IV: Methodology Cognitive Interviews Conducted by phone Participants had all four types of injury (N<sub>us</sub>=4; N<sub>uk</sub>=4) Changes after first three interviews: Order and phrasing of several items Wrote and added two new items Changes after two more interviews: Adjusted answer range Last three interviews resulted in no changes

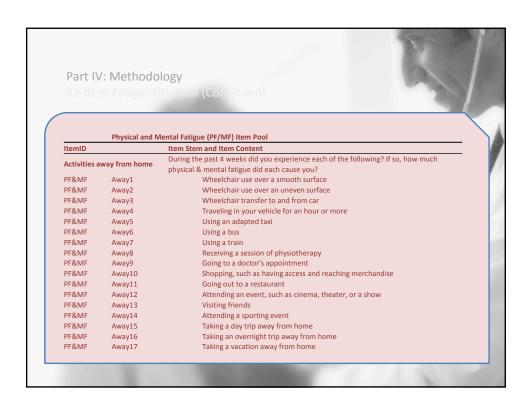
## Part IV: Methodology Cognitive Interviews (Continued) • Survey formatting based on cognitive design principles\* • Assessment of items' reading ease\*\* Flesch-Kincaid (F-K) Grade Level scale Flesch Reading Ease (FRE) scale \*\*Mullin et al. (2000). Applying cognitive design principles to formatting HRQOL instruments. Quality of Life Research, 9, 13-27. \*\*Paz et al. (2009). Readability estimates for commonly used health-related quality of life surveys. Quality of Life Research, 18, 889-900.

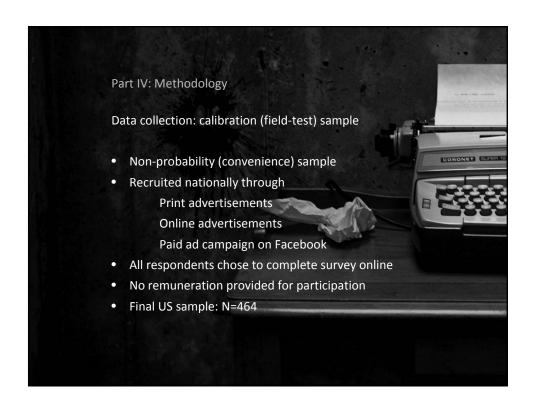
Part IV: Methodology								
Cognitive Interviews (Continued)								
	Mean, median, standard deviation, and range of item readability scores							
Scale	Score	Mean	(95% CI)	SD	Median	Range		
Physical Fa	tigability							
	F-K without answers	6.11	(5.9-6.4)	0.83	6.17	4.84-8.02		
	F-K with answers	9.04	(8.9-9.2)	0.57	9.08	8.18-10.36		
	FRE without answers	67.38	(65.6-69.1)	5.71	67.44	52.86-76.27		
	FRE with answers	53.47	(52.2-54.7)	3.96	53.66	43.41-60.47		
Mental Fat	igability							
	F-K without answers	5.67	(5.4-5.9)	0.84	5.75	4.33-7.59		
	F-K with answers	8.73	(8.6-8.9)	0.58	8.79	7.84-10.05		
	FRE without answers	70.5	(68.8-72.3)	5.72	70.46	56.25-79		
	FRE with answers	55.67	(54.5-56.9)	3.94	55.83	45.7-62.44		



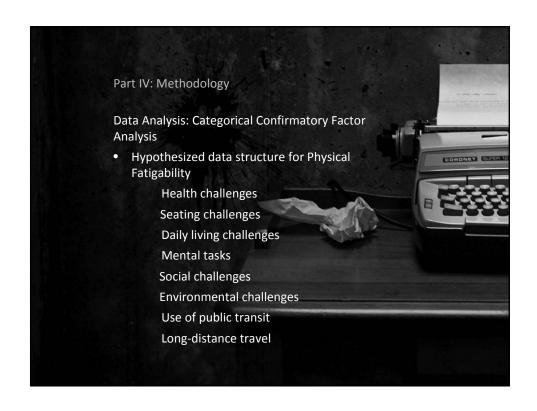




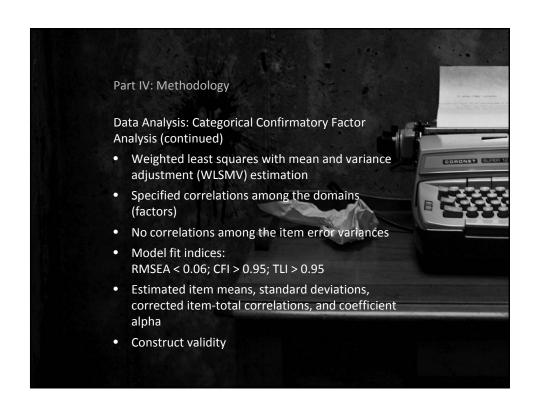




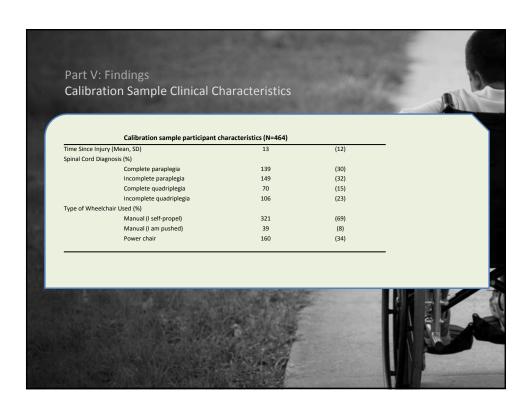


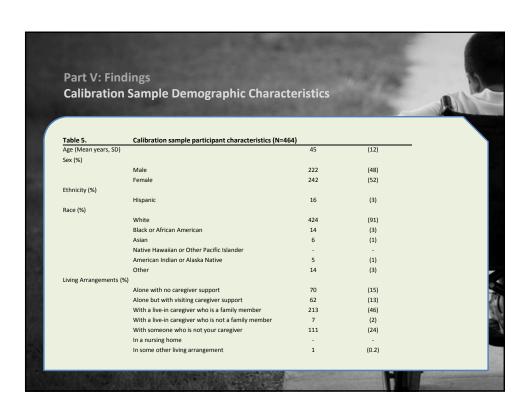


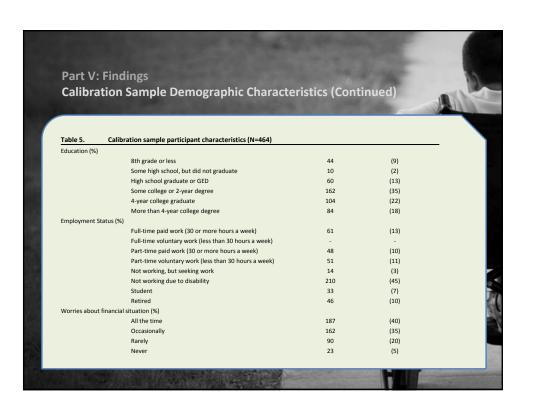








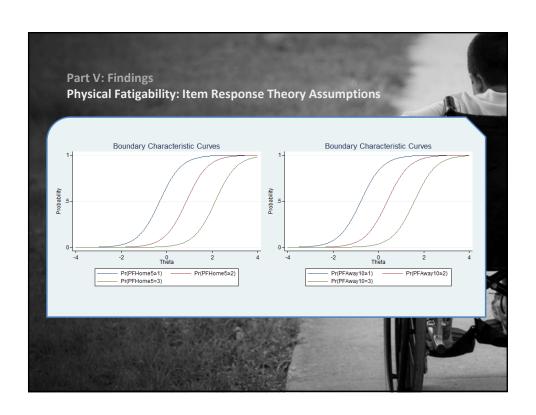




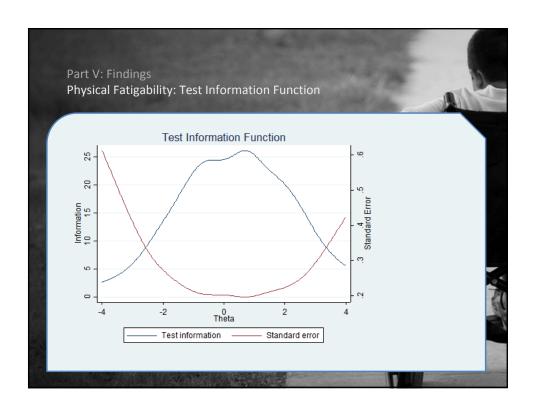


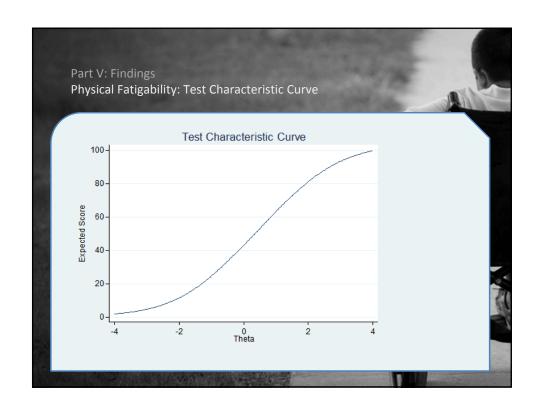


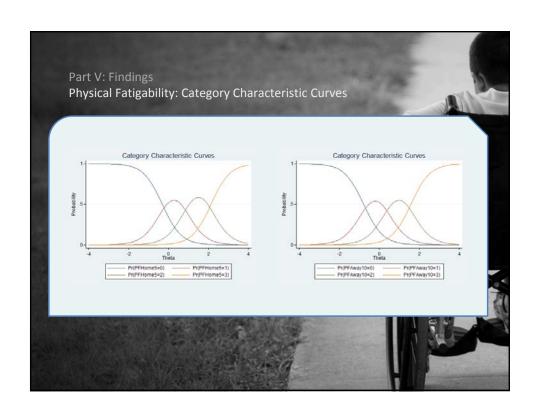
Domain Name	Cronbach's α	Corrected item-total
		correlation range
Health challenges	0.757	0.370 - 0.652
eating challenges	0.833	0.568 - 0.736
∕lental tasks	0.817	0.551 - 0.768
aily living challenges	0.868	0.379 - 0.712
ocial challenges	0.862	0.641 - 0.754
ccess challenges	0.920	0.569 - 0.830

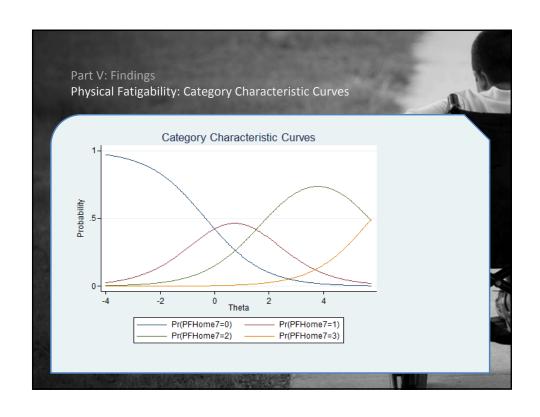














Part V: Fin	dings								
Physical Fa	tigability: Co	nstruct Validi	ty		10%				
Physical Fatigability scale means (SE) by validity variables: F statistic (p value)									
Pr	iysicai ratigability								
Scale	Means (SD)	Complete Paraplegia	Incomplete Paraplegia	Complete Quadriplegia	Incomplete Quadriplegia				
Health challenges	9.34 (3.524)	8.79 (0.319)	10.92 (0.257)	7.94 (0.416)	8.75 (0.288)				
		9.89 (0.212)		8.43 (0.241)					
Seating challenges	4.74 (2.624)	5.00 (0.256)	5.32 (0.209)	4.57 (0.157)	3.71 (0.247)				
		5.16 (0.164)		4.05 (0.164)					
Daily living challenges	9.48 (5.102)	8.94 (0.417)	11.98 (.427)	8.03 (0.431)	7.63 (0.457)				
		10.51 (0.311)		7.79 (0.324)					
Mental tasks	2.91 (2.103)	2.99 (0.190)	3.41 (0.180)	2.43 (0.176)	2.42 (0.192)				
		3.21 (0.131)		2.42 (0.135)					
Social challenges	4.47 (2.844)	3.99 (0.273)	5.71 (0.220)	3.14 (0.249)	4.25 (0.223)				
		4.88 (	0.181)	3.81 (	0.171)				
Access challenges	12.73 (5.871)	11.81 (0.499)	15.83 (0.496)	10.97 (0.418)	10.75 (0.496)				
		13.89 (0.371)		10.84 (0.341)					

