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Table SI: Item statistics on the Caregiver Burden Scale in the total group (N = 122)

Item	Univariate statistics					Correlations			
	<i>n</i>	<i>M</i>	<i>SD</i>	Floor %	Ceiling %	Within total scale		Within subscales	
						Average inter-item	Corrected item-total	Average inter-item	Corrected item-total
General Strain									
1	121	2.86	0.90	12	22	.31	.48	.42	.53
3	122	2.54	1.09	25	22	.45	.71	.55	.73
4	121	2.20	1.05	33	13	.42	.67	.50	.65
5	121	2.15	0.99	33	9	.39	.61	.48	.61
7	121	1.83	1.01	53	7	.45	.71	.54	.70
10	122	2.41	1.10	29	19	.45	.72	.52	.68
14	121	2.00	1.07	44	13	.48	.77	.56	.74
19	121	2.30	1.07	31	15	.45	.72	.59	.78
Isolation									
8	121	2.04	1.18	50	17	.45	.71	.55	.64
12	121	2.30	1.09	33	16	.45	.71	.53	.60
22	119	1.44	0.82	74	3	.34	.53	.51	.58
Disappointment									
2	121	1.94	0.99	43	9	.44	.70	.45	.64
13	121	1.72	0.91	55	4	.41	.65	.39	.53
18	120	1.60	1.01	68	10	.25	.38	.24	.30
20	120	2.54	1.04	22	19	.40	.63	.40	.55
21	121	2.79	1.15	21	36	.40	.64	.43	.60
Emotional Involvement									
6	121	2.63	0.90	11	17	.31	.49	.43	.47
11	121	1.64	0.89	60	4	.29	.46	.53	.61
16	121	1.62	0.84	58	3	.24	.37	.59	.71
Environment									
9	120	1.36	0.78	79	3	.19	.29	.36	.44
15	122	2.08	1.02	38	10	.26	.41	.29	.33
17	122	1.58	0.86	63	3	.34	.54	.45	.58
Mean	121	2.07	0.99	43	12	.37	.59	-	-

Note. *M*: mean; *SD*: standard deviation. Item means were well distributed from 1.36 to 2.86 across the total scale. Lower means indicate more “difficult” items, while higher means indicate “easier” items. Standard deviations ranged from .78 to 1.18. Items with larger standard deviations discriminate better between higher and lower levels of caregiver burden.

Table SII. Unstandardized coefficients and standard errors of multiple linear regression models

Predictors	Outcome											
	Total		General Strain		Isolation		Disappointment		Emotional Involvement		Environment	
	B	SE	B	SE	B	SE	B	SE	B	SE	B	SE
(Intercept)	1.16 *	(0.50)	1.59 *	(0.61)	0.66	(0.64)	0.96	(0.57)	1.58 **	(0.54)	1.46 **	(0.51)
Injury type, TBI	0.11	(0.17)	0.14	(0.21)	0.34	(0.21)	0.18	(0.20)	0.23	(0.18)	-0.15	(0.17)
Injury type, stroke	0.18	(0.17)	0.25	(0.21)	0.26	(0.21)	0.25	(0.19)	0.01	(0.18)	0.14	(0.17)
Relationship, parent	-0.49 **	(0.15)	-0.64 ***	(0.19)	-0.91 ***	(0.19)	-0.54 **	(0.17)	-0.34 *	(0.16)	-0.21	(0.15)
Relationship, other	-0.25	(0.17)	-0.35	(0.22)	-0.74 ***	(0.22)	-0.31	(0.20)	-0.16	(0.19)	0.37 *	(0.18)
Gender of caregiver, female	0.14	(0.13)	0.25	(0.17)	0.13	(0.16)	0.04	(0.15)	0.28 *	(0.14)	-0.18	(0.13)
Age of caregiver, per 10 years	-0.06	(0.05)	-0.06	(0.06)	-0.13 *	(0.06)	-0.06	(0.06)	-0.07	(0.05)	0.05	(0.05)
LOS, log ₂ days	0.06	(0.07)	0.01	(0.08)	0.16	(0.09)	0.11	(0.08)	-0.02	(0.07)	-0.10	(0.07)
Time in caregiver role, log ₂ months	0.16 **	(0.06)	0.17 *	(0.07)	0.20 **	(0.07)	0.17 *	(0.06)	0.14 *	(0.06)	0.15 **	(0.06)
<i>n</i> (% missing)	100 (18%)		105 (14%)		106 (13%)		106 (13%)		108 (11%)		107 (12%)	
<i>R</i> ²	.21		.18		.31		.18		.18		.18	
<i>F</i> (<i>df</i>)	3.10 (8, 91)		2.62 (8, 96)		5.37 (8, 97)		2.70 (8, 97)		2.63 (8, 99)		2.67 (8, 98)	
<i>p</i>	< .01		.01		< .01		.01		.01		.01	

Note. B: Unstandardized coefficients. SE: Standard error. For categorical predictors, the reference value was male spouse to a care-recipient with spinal cord injury. Estimates of log₂ transformed predictors reflect the change in outcome by doubling of the predictor. TBI = Traumatic brain injury; LOS = Length of stay (in hospital).

*** *p* < .001; ** *p* < .01; * *p* < .05.

Table SIII. Pooled unstandardized coefficients and standard errors from multiple imputation

Predictors	Outcome					
	Total	General Strain	Isolation	Disappointment	Emotional Involvement	Environment
(Intercept)	1.35 ** (0.48)	1.61 * (0.62)	0.67 (0.62)	1.02 (0.56)	1.54 ** (0.55)	1.74 ** (0.52)
Injury type, TBI	0.22 (0.17)	0.23 (0.22)	0.38 (0.21)	0.24 (0.19)	0.31 (0.19)	-0.06 (0.18)
Injury type, stroke	0.20 (0.16)	0.22 (0.21)	0.32 (0.20)	0.20 (0.19)	0.11 (0.18)	0.12 (0.18)
Relationship, parent	-0.48 ** (0.14)	-0.48 * (0.19)	-0.84 *** (0.18)	-0.46 ** (0.17)	-0.42 * (0.17)	-0.20 (0.16)
Relationship, other	-0.26 (0.16)	-0.31 (0.21)	-0.74 *** (0.20)	-0.25 (0.19)	-0.20 (0.19)	0.31 (0.18)
Gender of caregiver, female	0.14 (0.12)	0.23 (0.16)	0.13 (0.15)	0.08 (0.14)	0.28 * (0.14)	-0.10 (0.13)
Age of caregiver, per 10 years	-0.05 (0.05)	-0.05 (0.06)	-0.13 * (0.06)	-0.05 (0.05)	-0.07 (0.05)	0.04 (0.05)
LOS, log ₂ days	0.03 (0.07)	0.00 (0.09)	0.16 (0.09)	0.09 (0.08)	0.00 (0.08)	-0.12 (0.08)
Time in caregiver role, log ₂ months	0.15 ** (0.05)	0.16 * (0.07)	0.19 ** (0.07)	0.15 * (0.06)	0.13 * (0.06)	0.12 (0.06)
<i>n</i>	122	122	122	122	122	122
Pooled <i>R</i> ²	.19	.14	.31	.14	.15	.12
Pooled <i>F</i> (<i>df</i>)	2.96 (8, 113)	2.13 (8, 113)	5.37 (8, 113)	2.26 (8, 113)	2.44 (8, 113)	1.85 (8, 113)
<i>p</i>	< .01	.04	< .001	.03	.02	.08

Note. Number of multiple imputations = 18. For categorical predictors, the reference value was male spouse to a care-recipient with spinal cord injury. Estimates of log₂ transformed predictors reflect the change in outcome by doubling of the predictor. TBI = Traumatic brain injury; LOS = Length of stay (in hospital).

*** *p* < .001; ** *p* < .01; * *p* < .05.